

AMERICAN CRANES & TRANSPORT

ACT & SOURCEBOOK 2025

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A KHL Group Publication

North American Crane Guide

Manufacturers' and
Services Directory

Specialized Transport
Manufacturers'
Directory

2025 Events
Diary

ACT
Top Lists



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For 16 years, the *American Cranes & Transport Sourcebook* has been the most comprehensive resource for the crane, rigging and specialized transportation sector. This guidebook is where the industry goes to find important information that can't be found all together anywhere else. The *Sourcebook* is the only place you can go to get access to all four of our 2024 annual ACT top lists. And this year we've added another one, the Mega Cranes toplist. In this publication, you can also find our annual SC&RA Job of the Year Special Section, which presents text and photos about the winning jobs and an overview of all the entries. This magazine features the SC&RA's Product Catalog that includes publications, training guides and manuals, checklists and other important safety information. And exclusively, the ACT Sourcebook includes the only comprehensive North American Crane Guide, which features the current product line for every major manufacturer of cranes, including mobile cranes, tower cranes, articulating cranes, rubber tired gantries and even industrial cranes. It also features a list of every major manufacturer of specialized trailers and transport systems.

You may be able to search online to find all of these things individually, but the ACT Sourcebook has them all in one handy place. Whether you access the digital issue or a paper copy, the ACT Sourcebook is the trusted resource for the crane, rigging and specialized transportation sector.

Plus, the ACT Sourcebook features the Manufacturer's and Services Directory, a handy listing of just about anyone you would want to contact. SC&RA and CCO provide important information about their program of work. Valuable safety and risk management topics are addressed by NBIS and National Interstate. Welcome to the Sourcebook!

While the ACT Sourcebook may be an old-fashioned concept, it's still one that is tried and true. If you want to be in the know about our industry, the ACT Sourcebook is the place to start. Let me know if we can send you a copy.

D.ANN SLAYTON SHIFFLER

Editor

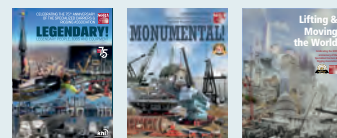
KHL Group Americas, 30325 Oak Tree Drive,
Georgetown TX 78628
+1 512-868-7482 | d.ann.shiffler@khl.com

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Publisher's note/disclaimer

The ACT Sourcebook was compiled either by information obtained from an e-mailed survey or by using KHL's own custom developed on-line live database software to ensure that the information contained in these pages is as complete and accurate as possible. In some cases where equipment specifications were not updated, we relied on website, product brochures and other information in our KHL Group Cranes database. Data was updated in November/December 2024. *American Cranes & Transport*, KHL Group and the editors accept no responsibility for errors or omissions, missing information or incomplete information. The data contained in the Crane Guide is meant to be a purchasing or information guide only, not suitable for crane operators to use when operating a crane. Should you have equipment that is not listed in the tables please contact Editor D. Ann Shiffler, to assure you gain access to the on-line updating system or receive a survey during the next updating cycle. This will ensure that your equipment is listed in the next edition, which will be compiled at the end of 2025.

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WHO'S WHO AT KHL

Editorial

Editor
D. Ann Slayton Shiffler
d.ann.shiffler@khl.com
512 868 7482

Deputy editor
Hannah Sundermeyer
hannah.sundermeyer@khl.com
913 259 8060

International editor
Alex Dahm | alex.dahm@khl.com

Deputy international editor
Niamh Marriott | niamh.marriott@khl.com

SC&RA correspondent
Mike Chalmers

Director of content
Murray Pollok

Media Production

Client success & delivery manager
Charlotte Kemp | charlotte.kemp@khl.com

Client success & delivery team
Ben Fisher | ben.fisher@khl.com

Olivia Radcliffe | olivia.radcliffe@khl.com

Alex Thomson | alex.thomson@khl.com

Group design manager Jeff Gilbert

Group designer Jade Hudson

Events manager Steve Webb

Events design manager Gary Brinklow

Creative designer Kate Brown

Circulation

Audience development manager
Anna Philo | anna.philo@khl.com

Sales

Vice president sales

MATT BURK
14269 N 87th Street, Suite 205,
Scottsdale, AZ 85260
T: 312 496 3314
C: 773 610 9467
matt.burk@khl.com

National sales manager

MICHAEL SHARKEY
515 269 0258
michael.sharkey@khl.com

National account manager

BEV O'DELL
1000 SW Rainbow Lane
Blue Springs, MO 64015
T: 816 886 1858
C: 816 582 5253
bev.odell@khl.com

Vice president global sales

ALISTER WILLIAMS
843 637 4127
alister.williams@khl.com

CLIENT SUCCESS & DIGITAL DIRECTOR

Peter Watkinson
peter.watkinson@khl.com

CHIEF EXECUTIVE OFFICER

James King

CHIEF FINANCIAL OFFICER

Paul Baker

CHIEF OPERATING OFFICER

Trevor Pease

KHL GROUP AMERICAS LLC

14269 N 87th Street, Suite. 205,
Scottsdale, AZ 85260, USA
480 779 9969
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Bridging the gap

Recapping the efforts of the Workforce Ambassador Program winners thus far.

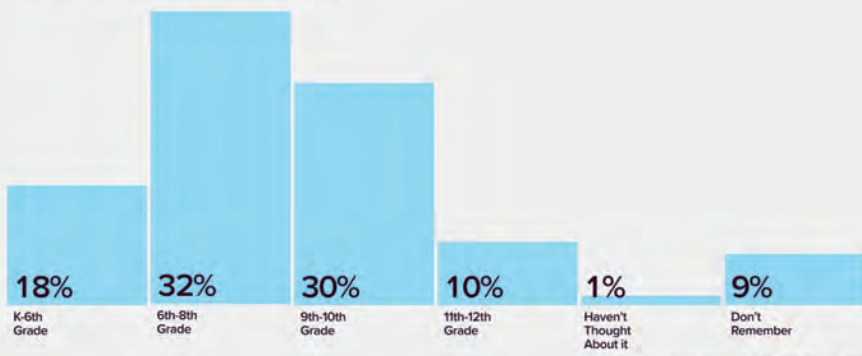
In 2024, the Specialized Carriers & Rigging Foundation (SC&RF) celebrated the inaugural winners of its Workforce Ambassador Program, which launched in April 2023. The program, aiming to engage 150 companies by 2026, is designed to raise industry awareness at local and state levels. Participating companies demonstrate their commitment to community engagement through activities like field trips, classroom visits and career days. 2024's winners exemplify this mission,

McNally-Nimergood introduces students from grades K-12 to the crane industry.

collectively impacting thousands of schools and more than 40 communities. SC&RF views such grassroots involvement as the foundational step in addressing the skilled-labor gap.

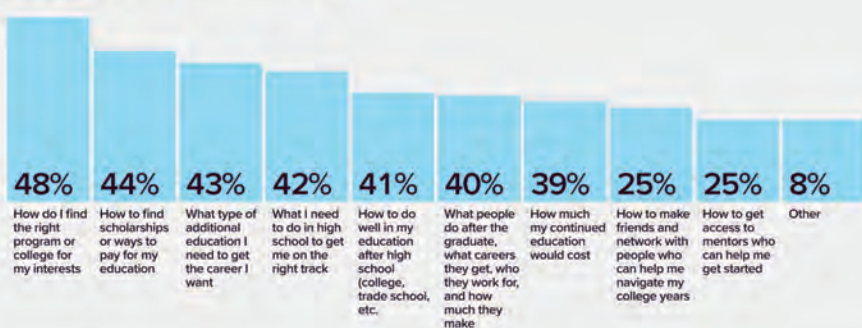


When Students Start Thinking About Careers



Source: Connection Academy, Fall Survey, 2024

Information Desired for Furthering Education



Source: Connections Academy, Fall Survey, 2024

Winners by category

Steffan Industries, based in McKeesport, PA, earned recognition in the “Small Company” category. Actively participating in elementary school career days, Steffan’s team visits schools within their local district, where many employees and the owner reside. These visits build continuity with students, who eagerly recall lessons from previous interactions. To reinforce the experience, Steffan provides kids with stickers and branded tools, creating lasting impressions and increasing brand recognition as students spot the company’s trucks and equipment in their community.

McNally-Nimergood Co., headquartered in Saginaw, MI, was honored in the “Medium Company” category. The company introduces students from kindergarten through high school to the crane industry through field trips that provide a hands-on understanding of career possibilities. McNally-Nimergood also actively involves educators in these events, equipping them with resources to better guide students toward the trades. Additionally, the company supports local Career Technical Education (CTE) programs by hosting high school visits to their facility and offering equipment for hands-on demonstrations. These efforts have successfully attracted motivated

Community Engagement Activities (Not limited to):

- Classroom presentations
- Career fairs
- Attend or serve on community workforce board/council
- Social sharing about the industry
- Participate in tuition reimbursement programs
- Partner with educators to meet classroom needs
- Host family days/community days
- Host visits at your facility
- Participate in events, such as Touch a Truck, Construction Days or other similar events
- Represent Lift & Move at industry events (Skills USA, Construction Day, etc)
- Participate in intern/young employee VLOG series
- Partner in an internship or apprenticeship program

To get involved, please visit scr-foundation.org/resources/workforce-ambassador-program/.



Students are treated to hands-on learning to familiarize themselves with the industry.



“However, we also use it as an opportunity to strengthen our future workforce. From hosting a group of 20 students to working with our larger construction industry within the state to put on a one-day event that draws 10,000 people every May, we are always looking towards the future of our workforce. It’s so important to share information about

Thinking ahead

Now more than ever, it’s important for prospective students to familiarize themselves with the world of work. In a recent study completed at Pearson’s Connections Academy by 14,700 students, 80 percent have started considering their future careers long before graduation. According to the study, “32 percent say that they started thinking about careers in grades 6th-8th, while another 30 percent say they started in the 9th and 10th grade.”

When students consider their futures and shape their educational paths, businesses facing talent shortages should step in – investing in and guiding the next generation as they prepare to enter the workforce.

the great opportunities available in our industry.”

high school students to explore career opportunities within the company.

In the “Large Company” category, Madison, WI-based Ideal Crane Rental received accolades for its extensive community outreach. Through touch-a-truck events and onsite visits, Ideal engages families and students year-round. The company’s flagship initiative, Kids Building WI, reaches nearly 10,000 parents and guardians annually, introducing them to opportunities in the trades. Ideal also collaborates with programs like the WI DOT Highway Construction Skills Training Program and Madison College Construction Program, while serving on technical college advisory boards. By partnering with organizations like Operation Fresh Start, Women in Construction and WI Regional Training Partnership programs, Ideal demonstrates its commitment to making the industry accessible to all.

“Community engagement is so important for our business as it fosters relationships and empowers individuals,” said Kristin Chose, director of business development, Ideal Crane Rental.

Steffan Industries visits schools within their local district to build continuity with students.



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By **D.ANN SHIFFLER** and **HANNAH SUNDERMEYER**

JOB OF THE YEAR 2024



12 BARNHART



18 BRAGG COMPANIES

All-stars!



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21 WESTERN MECHANICAL



16 BARNHART

RIGGING LESS THAN \$150,000

BARNHART

Tipstick solution

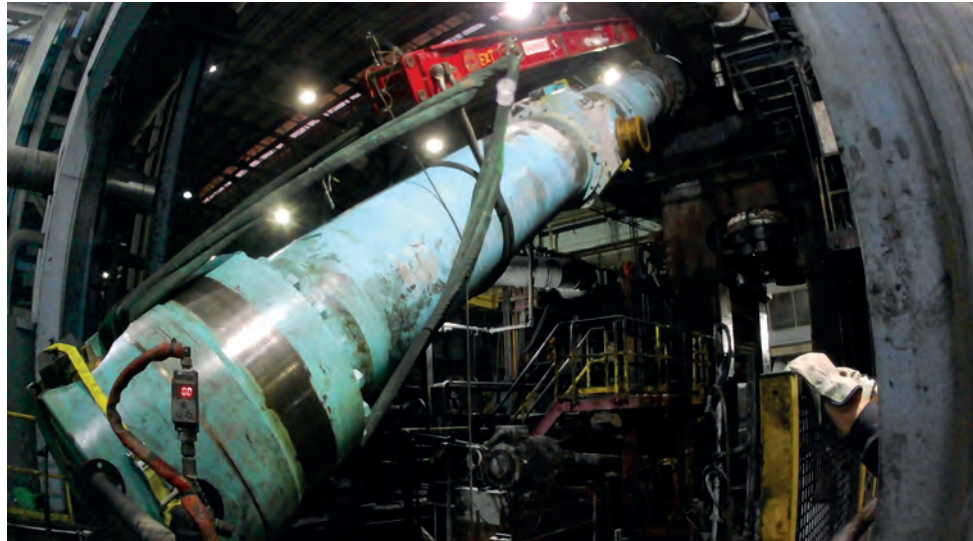
Repurposing Barnhart's tipstick innovation.

Steel mills are monuments to human ingenuity. But as with any industrial process, machinery breaks down and needs to be repaired or replaced. In the fall of 2023, the Barnhart team received an urgent request – to remove and replace two 100,000-pound spindles at a steel mill. The timeline was tight and the tasks were tricky.

Barnhart needed to find a solution to efficiently remove the spindles to bring the mill back online. After a site walk, Barnhart's team knew what needed to be done. They quickly confirmed that the best tool for the job would be the Barnhart 150,000-pound capacity tipstick.

Built for feedwater heaters at nuclear plants, the tipstick would solve the two main problems: the overhead crane hook could not reach where the expected center of gravity of the spindle was, and no one really knew where the center of gravity was located. The tipstick upper rigging point could adjust hydraulically and move to wherever it is needed to pick up and level the spindle, then tipping the spindle as needed to avoid obstructions during the removal and install operation.

A small crane was used to pick up one end of the spindle far from the overhead crane, and then the tipstick would feed it over to the overhead crane. It was a tightly controlled maneuver in which the small crane and the tipstick picked up



The Barnhart 150,000-pound capacity tipstick allowed the team to manipulate the lifting point to control the spindles' tipping angle. This allowed for a controlled rotation of the load during the lifting process, and the ability to safely maneuver around obstacles.

the spindle and then the trolley shifted it until it was fully supported by the main overhead crane. Removing and replacing both spindles could be completed in one 24-hour shift. It was the perfect application for Barnhart's unique tool.

Still, each lift was a product of meticulous planning, addressing every physical characteristic, weight distribution and potential obstacle. The Barnhart 150,000-pound capacity tipstick allowed the team to manipulate the lifting point to control the spindle's tipping angle. This allowed for a controlled rotation of the load during the lifting process, and to safely maneuver around obstacles.

After the Barnhart team confirmed the plans, they began to mobilize. Before the shift started, they gathered at a pre-job safety meeting to discuss hazardous conditions that could arise. A Job Hazard Analysis was conducted to prepare for the work and mitigate any concerns. Safety is not just a priority on Barnhart jobs; it's a commitment etched into the DNA of the Barnhart team. Rigorous safety protocols were implemented and embraced at every stage.

A 24-hour job, the morning crew handed off to the evening crew after 12 hours.

Crews were overlapped by an hour so that the superintendents could assess the situation, make the job handoff, and assure communication was not lost between crews. The two 100,000-pound spindles were safely removed and replaced, and the Barnhart team moved on to other projects. They were looking forward to a company Christmas party in the next few days.

While at the party, the customer called and needed the Barnhart team to come back to the mill. During the installation of the new spindles, the dog bones were mislabeled and the wrong size had been used. The customer had attempted to use different methods to correct the issue; but ultimately realized they needed Barnhart to come back to lift and support the spindles from the top while they removed the incorrect dog bones and installed the correct ones. Already gathered at the Christmas party that night, the team was able to sit down and brainstorm available options so that they could respond quickly. Within 12 hours the Barnhart team was remobilizing and on-site to begin the support process. The customer was able to get the dog bones switched out and get the mill back online. ■

SECTOR: STEEL MANUFACTURING

WEIGHT/DIMENSIONS: Two 100,000-pound spindles

CHALLENGES: The overhead crane hook couldn't get to where the center of gravity of the spindle was, and no one really knew where the exact center of gravity was located.

EQUIPMENT: Barnhart 150 Kip Tip Stick; overhead crane; small mobile crane

PROJECT DURATION: 24-hour job, two shifts; November-December 2023

RIGGING \$150,000 TO \$750,000**VANGUARD****SECTOR:** MARINE/SHIPPING**WEIGHT/DIMENSIONS:** The *Europa* weighed 650 tons and was 44.5 meters long and 7.45 meters wide.**CHALLENGES:** There was limited access for any type of equipment, such as cranes, to be placed alongside the vessel. There were several points of damage along the hull and the dollies were penetrating the hull. There was an extensive vetting process for the engineering solution through maritime architects and the insurance company. The management of eight gantry legs at the same time was tedious, and there was a constant risk of further damage. There was a constant urgency to deliver a solution.**EQUIPMENT:** Four hydraulic gantry systems positioned over the vessel and between the masts. Four 186-ton capacity strand jacks were rigged to keel brackets that had been custom fabricated for the operation.**PROJECT DURATION:** One month prep time; four days for set up and breakdown.**LIFT DURATION:** July 21-26, 2023

Massive uprighting

Vanguard engineered a complicated lifting operation to upright the *Europa*.

the urgency. The vessel was blocking the synchro-lift, causing ongoing delays. And a prolonged storm was in the forecast. Vanguard had to manage and execute the engineering solution perfectly within the weather window to avoid further operational delays.

In a month's time, Vanguard engineered a plan and mobilized four hydraulic gantry systems that were positioned over the vessel and between the masts to minimize further impact to the masts and rigging. Once the 400-ton and 600-ton capacity gantry systems were in place at the bow, and 500-ton capacity gantry systems were positioned at the stern, the header beams were lifted into position. Four 186-ton capacity strand jacks were installed.

The strand jack system, which was rigged to keel brackets that had been custom fabricated for the operation, provided a high degree of accuracy and enabled the Vanguard team to lift and upright the vessel in a precise manner. Using a series of controlled lifts and movements, the Vanguard team completed a transverse skidding operation to realign the vessel with the track system.

In addition to the various safety points identified and eliminated through engineering design, there were other safety issues due to the fragile condition and intricate structure of the cargo. Risk mitigation included clearance of accessible dollies from under the casualty at specific intervals; the transfer of 5 metric tons of fuel from the vessel; utilizing larger load-spreading spacers to spread the load longitudinally through numerous frames and reduce the risk of localized forces at the deck, due to contact with lifting slings; and removal of the running sail rigging in

the way of gantry beam locations to avoid damage and potential hazards. Each stage of the safety program had been specifically focused on reducing the risk to the crew, further damage to the vessel and the environment.

By the time the project was completed and safely signed off on, some 1,600-man hours would be spent across the duration of the project, including engineering, operational and project management activities. "It was a true team effort and the success of the project is testament to the knowledge and experience within the business," the company said.

Project video link: <https://www.youtube.com/watch?v=qWNxhLPWZsU>

It was a dire situation at the Victoria and Alfred Waterfront Yard in Cape Town, South Africa. While undergoing maintenance, the *Barque Europa* slipped from its keel supports and rolled onto its starboard side.

The Vanguard team was subcontracted by Resolve Marine to engineer and perform an up-righting operation to realign the vessel on the track system. The job was fraught with challenges.

The *Europa* weighs 650 tons and measures 44.5 meters long and 7.45 meters wide. It was lying at approximately 38 degrees to starboard, having shifted about 1.2 meters off center of the keel dollies.

The vessel was being moved off the skidway onto the synchro-lift when the incident occurred. The vessel was partially supported at the stern by the synchro-lift, with the bow supported by the transverse skidway. Between the two structures was a section of concrete quay, leaving limited access for support equipment to recover the damaged vessel. The dollies had penetrated the hull in several locations, impaling the vessel in its fragile position.

Vanguard's engineering team considered several strategies for the righting and realigning operation, such as using hydraulic jacks and skidding or using a heavy lift crane to right the ship. But these concepts were not suitable. Vanguard designed a bespoke solution to provide an expedient and cost-effective means of uprighting the vessel. There were many challenges, the most important being



Using four hydraulic gantries and a strand jack system, the Vanguard team designed a bespoke solution to upright the *Europa* ship.

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RIGGING \$750,000 TO \$2 MILLION**BARNHART**

Stacked up

Barnhart provided custom designs and engineering to move 10 prefabricated modules into two distinct stacks into a building.

Barnhart was contracted to work on a project that involved arranging 10 prefabricated modules into two distinct stacks prior to their transfer into the building. Each stack measured 60 feet tall and 60 feet in length. They weighed 480,000 pounds. The contract stipulated constructing the system within four weeks. When the fabricator failed to consider the installation process until after the modules were created, a challenge emerged. Barnhart intervened to solve the issue, which would involve providing a custom design for each module stack. This required assessing each type of lifting lug, sorting through issues with vendors and working within a tight timeframe. The module stacks were produced ahead of schedule, pulled tested in Memphis, TN and delivered to the shop where they would be loaded out.

The modules were constructed without any pre-fabricated lifting points, although the design included spaces intended for them. To address this, Barnhart broadened the scope to encompass the design and fabrication of lifting lugs. Not having bolt-on lifting lugs incorporated into the modules particularly affected the top floor units, which lacked the necessary provisions for rigging attachments.

Barnhart's team collaborated with the owner and the fabricator, proposing economical options to install the lifting points. Barnhart provided plans for two 12-point rigging systems, one for loading out at the module fabricator and another for the assembly at the project site.

The solution involved stacking and transitioning the modules into the building using a customized slide system arrangement. Once inside, Barnhart had to maneuver them laterally against a wall with minimal clearance, and once in their final set position, Barnhart had to elevate the module trains 10 feet for the installation of their legs. Collaborating with the designer, owner, fabricator and contractor, Barnhart orchestrated the lifting, assembly and installation of the structure, consisting of two trains of stacked modules. The operation required extensive planning, to say the least.

Due to very limited clearances, there was no room for error. The solution needed to support the 12 points of lifting, but it also

had to be able to be in bore of the system and had to be underneath because of the installation wall.

Barnhart's 500-ton Liebherr LTM1400 facilitated the assembly of modules on top of their equipment. Subsequently, each train was slid into the building and then lifted using Barnhart's pull-up gantry jacks (PUGs), which were mounted on powered bases. They were then reconfigured to laterally transport the modules to their foundations. Utilizing Barnhart's slide beams proved crucial in streamlining the installation process, allowing for direct assembly on the modular slide system while maintaining minimal clearance from the building entrance without adding additional jacking steps.

Custom lifting lugs, comprised of five different types crafted by Barnhart for the remaining modules, amounted to 61 total lugs. Engineering and planning endeavors were dedicated to meeting the designer's stipulated deflection under L/180. By utilizing multiple assemblies of moment-connected slide beams, Barnhart devised a strategy that reduced the necessary equipment by half while adhering to deflection limits.

Safety was a huge part of the project, with daily meetings, inspections, job hazard analysis and TSP. Communication between the Barnhart team and the other teams was critical in the successful delivery of this complicated project. ■



The project involved arranging 10 pre-fabricated modules into two distinct stacks prior to their transfer into the building.

SECTOR: MANUFACTURING

WEIGHT/DIMENSIONS: Each stack measured at 60 feet high and spanned 60 feet in length – with a weight of 480,000 pounds.

CHALLENGES: The modules were constructed without any pre-fabricated lifting points, though the design included spaces intended for them.

EQUIPMENT: Barnhart Slide System, 500-ton Liebherr all-terrain crane, pull up gantry jacks, 800-ton powered gantry bases

PROJECT DURATION: Planning between May and July 2023, plus four weeks of execution

RIGGING OVER \$2 MILLION

BARNHART

Remove, remove, replace

On a tight timeline to avoid rolling blackouts, Barnhart removed and replaced a damaged stator between Louisiana and Missouri.

In May of 2023, Barnhart was contacted to remove and replace a failed stator at a power plant in Missouri. Generally, stator replacement projects take place during a scheduled outage, and the planning cycle is 12 to 18 months. Planning for extraction of the old unit takes place when the new unit is being fabricated. But with this job the stator's failure was unforeseen, and happened just before peak power production season. A rapid deployment solution was required to get the plant back up and running.

The scope of work entailed removing a replacement stator from a Louisiana plant and loading it onto rail, while concurrently extracting the damaged stator from the Missouri plant. The replacement stator, situated 700 miles away, was to be installed upon delivery. The stator weighed 720,000 pounds, was 40 feet long, 14 feet tall and 15 feet 4 inches wide. Given the critical timing, Barnhart swiftly mobilized engineering and field specialists to Louisiana and Missouri during late May 2023.

Part of that deployment involved mobilizing engineers, field specialists, supervisors and commercial planners to the initial site visit to create a 3D model. After assessing and engineering a solution, equipment was mobilized to each site.

The biggest Barnhart-specific tool would be a 500-ton hoist that was used instead of a strand jack system. Barnhart's 70-foot gantry truck was also a critical tool. Even though time was of essence, all engineering designs underwent a rigorous independent third-party review. Each

jobsite was thoroughly examined.

Before removing the replacement stator from the Louisiana site, a geotechnical engineering firm assessed the soil conditions in areas where cranes and heavy equipment would operate. Excavation of the top four to five feet of soil was necessary, followed by backfilling with geogrid material and crusher run to ensure stability. By June 8, 2023, Barnhart had commenced removal activities in Louisiana, including the extraction of isophase buses and structural steel to access the generator.

Barnhart's innovative approach resulted in the project being completed in a 57-day timeframe that involved making three generator lifts – removing the damaged generator in Missouri, removal of the

Barnhart's meticulous plan resulted in the project being completed in a 57-day timeframe, making three generator lifts – removing the damaged generator in Missouri, removing the replacement generator in Louisiana and installing the replacement generator in Missouri.



SECTOR: POWER

WEIGHT/DIMENSIONS: The stator weighed 720,000 pounds – 40 feet long, 14 feet tall and 15 feet 4 inches wide.

CHALLENGES: Generally, stator replacement planning and execution takes 12 to 18 months. This job required removing a replacement stator from a Louisiana plant and loading it onto rail, while concurrently extracting the damaged stator from the Missouri plant. The replacement stator was then installed upon delivery.

EQUIPMENT: Barnhart's 500-ton hoist and 70-foot gantry truck

PROJECT DURATION: 14 days of planning, 57 days for the execution from June 8th to August 4th.

replacement generator in Louisiana and the installation of the replacement generator in Missouri.

With over 12,000 man-hours invested, including six separate stator lifts, the project was accomplished ahead of schedule, ensuring the power plant would resume full production and avoid potential grid disruptions during the peak summer season.

Despite the rapid deployment of the job, safety is a fundamental core value at Barnhart. Every day started with a safety meeting so that the crew knew what work areas were busy and what was going on site wide. Barnhart's team used its web-based safety app that logs task-specific job hazard analysis for every standard operating process or procedure. ■





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HAULING UNDER 160,000 POUNDS NET

BRAGG COMPANIES



Bragg transports two solid rocket boosters.

Ready for lift off



TECHS & SPECS

SECTOR: AEROSPACE

WEIGHT/DIMENSIONS: The Space Shuttle solid rocket boosters were 118 feet long, 12 feet 6 inches wide and 12 feet 8 inches tall. Each weighed 100,000 pounds.

HAULING CHALLENGES: There were many safety concerns for this project, including traveling during daylight hours in Southern California traffic. The motoring public wanted to see the solid rocket boosters going down the highway, and in some cases traffic jams ensued because of people wanting to witness seeing the invaluable cargo. Another major safety concern was the delivery site and ceremony. The Bragg team had to stop about 15 miles away from the delivery site and stage until the next morning due to Los Angeles curfews and the ceremony timeframe. They entered the city around 4 a.m. to avoid rush hour traffic. The Bragg team navigated through thousands of people to make the final delivery before the ceremony.

EQUIPMENT: Bragg's fleet included a 2022 Peterbilt 367 heavy haul tractor, a 2021 Western Star 4900 heavy haul tractor and two Scheuerle MES 9 Line hydraulic platform trailers

PROJECT DURATION: September 1- October 31, 2023

Bragg Companies was contracted to install the Space Shuttle *Endeavour* in lift-off configuration at the California Science Center in Los Angeles. For the first phase of the project, Bragg hauled two NASA Solid Rocket Boosters from a storage facility in Mojave, CA to the California Science Center in Los Angeles. One of the most important planning considerations was to keep the transport length and height of the invaluable rocket boosters as short as possible.

Unfortunately, the saddles provided to support the boosters while in transit were too tall. As a result, Bragg hired Rackley Trailers to design and manufacture six custom low-profile saddles to support the boosters during transport. It also took several days to find a suitable route

through Los Angeles to accommodate the gross weight and overall dimensions. The coordination effort required an ample amount of man hours within the office, between several city and county permits, the Los Angeles City Public Works for street closures and sign removals, the Los Angeles Police Department for escorts and the Los Angeles Mayor's Office. It was also essential for Bragg to deliver the rocket boosters on time for a California Science Center ceremony to commemorate the exhibit.

While turns were relatively easy due to the steerability of the trailer, narrow city streets and overhead clearance obstructions were a challenge. Bragg had Scheuerle design and manufacture four 25-foot-long deck sections for their MES 9 Line trailers.



Bragg's team made sure everything went off without a hitch, so the rocket boosters could be delivered on time for the California Science Center ceremony.

HAULING 160,000 TO 500,000 POUNDS NET**OMEGA MORGAN**

Omega Morgan transported six turbine runners across British Columbia.

Delicate, large and heavy



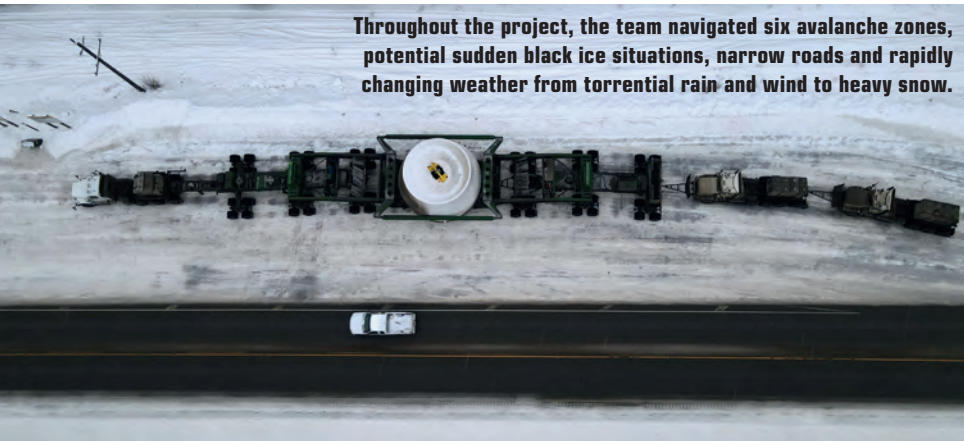
Omega Morgan transported six turbine runners – the heaviest loads ever to cross British Columbia – more than 1,000 kilometers, from Prince Rupert to Northern BC. The initial route study was performed in

2018, the job was awarded in 2019 and transport began in November of 2020. Due to ongoing hurdles and delays, the loads were delivered over three winters, with the final load delivered in January of 2023.

“With so many moving parts, it took all of our resources on the specialized transportation team to make this project come together,” said Kai Ferrar, director of engineering, Omega Morgan. “We not only get the job done, but we did it with zero injuries or incidents. I’m incredibly proud of our team.”

Overall, this project required approximately 15,000-man hours. ■

Throughout the project, the team navigated six avalanche zones, potential sudden black ice situations, narrow roads and rapidly changing weather from torrential rain and wind to heavy snow.

**SECTOR:** ENERGY

WEIGHT/DIMENSIONS: Each turbine weighed 380,000 pounds and the convoy used to transport them was 225 feet long by 16 feet, 3 inches tall by 26 feet, 2 inches wide. The six turbine runners were 24 feet 10 inches wide and 13 feet tall. The turbine runners were delicate and could not be secured with anything touching most of their surface.

HAULING CHALLENGES: There was only one viable route from Prince Rupert to Fort St. John, across seven maintenance districts. Plans for summer transport across most of the route became immensely more complex when delivery schedules demanded transport in the winter. Changing weather conditions required constant monitoring and meticulous plans for road closure stopping points. Job Hazard Assessments and safety meetings before every maneuver were critical. The team navigated six avalanche zones, potential sudden black ice situations, narrow roads and rapidly changing weather from torrential rain and wind to heavy snow.

The project included pivoting on previously planned methods to transfer loads creatively and safely from ship to land. The team needed to navigate extreme tide swing conditions, traverse many treacherous winter mountain passes, and cross 110 bridges (20 monitored). The route

required a full closure of Highway 16 (the only route to Prince Rupert), and the team had to ensure bush roads were solidly frozen enough for safe crossing near the end of the route. The team coordinated with Canada National Railroad for encroaching on railroad tracks 9 times along the route (7 crossings and 2 instances where the load overhung the tracks and required flaggers).

The complex route also required 25 traffic control personnel each night, multiple engineering firms, alignment across 16 entities, communication across a 51-person email string every morning, a 57-page traffic management plan, and acquiring the most expensive permit in Omega Morgan’s history – \$43,000 per load, one-way.

Due to the delicate, large and heavy nature of the load, Omega Morgan had to engineer custom built truss tubes and widening beams to allow for a 24-foot-10-inch diameter load to sit between the tubes. They also innovated a custom-built reusable restraint system for the delicate load, as the surface could not be touched except in specific, limited locations.

EQUIPMENT: One barge; one 12-dolly trailer with custom-built truss tubes and securement system; one pull truck; two push trucks

PROJECT DURATION: November 2020-January 2023

HAULING GREATER THAN 500,000 POUNDS NET

TRANSPORTES MUCIÑO

Turbine transport

Transportes Muciño faced a constantly changing route while hauling turbines and generators in Mexico.



Transportes Muciño handled the domestic and international transportation of turbines, generators and auxiliary components ranging from 44,000 pounds to heavier than 705,000 pounds, from the Altamira and Progreso ports to sites in Guanajuato, San Luis Potosi and Yucatan.

Mexico is a very desirable location for foreign investment, the company said. The annual power consumption is very high and growing at more than two percent. The country is seeing modernization of generation plants, which in turn is driving power market growth. This has resulted in a reduction of generation from coal and oil and more natural gas.

The scope of the project included vessel reception, transportation and rigging, along with gas turbines.



Mayan train works kept the route constantly changing, and at the Yucatan peninsula several civil works were made to navigate around the building sites, causeways and tollbooths.

TECHS & SPECS

SECTOR: POWER

WEIGHT/DIMENSIONS: Gas turbines measuring in at 40 feet long by 16.7 feet wide by 15.6 feet high and weighing 758,000 pounds.

HAULING CHALLENGES: The move overcame logistical challenges like the Mayan train construction, major reinforcements on highways, train schedules and civil works projects to deliver the freight safely and on time. The company was also tasked with the fabrication and installation of bridge reinforcements, major shore up on Canada de la Muerte (a 30 meter deep glen), construction of causeways, road pads, curvature expansions, modifications and reconstruction of roads.

Mayan train works kept the route constantly changing, and at the Yucatan peninsula several civil works were made in order to navigate around the building sites, causeways and tollbooths. In addition,

the expansion of Progreso Port made transport complicated, and Transportes Muciño needed to find their way around an overpass that was under construction. Given the current status of the infrastructure, 13 jumper bridge crossings were made. Once reaching the Guanajuato area, the team faced the shore up of Canada de la Muerte bridge, a night transit in the Silao area and construction of causeways on the road towards Salamanca, and the arrival of vessels earlier than anticipated. The team also had to find an alternative road for a hip turbine.

EQUIPMENT: Goldhofer Faktor 5, M350 Girder frame designed and manufactured by MSE, Muciño's sister company for fabrication. Goldhofer drop decks, cozad heavy duty lowboys, SBL1100 and SBL500 gantries from Enerpac, strandjacks and Tadano cranes.

PROJECT DURATION: September 2022-October 2023

SECTOR: INFRASTRUCTURE

WEIGHT/DIMENSIONS: 220-ton pedestrian bridge, intact at a length of 138 feet

HAULING CHALLENGES: Transport began in Hamilton, Ontario. The size and weight of the load, coupled with the tight turns and close proximity of the surrounding structures, buildings and utilities, were a cause for concern. A holistic solution was accomplished by coordinating with Walters, the bridge fabricator, for the loading and the general transport ideology, the City of Hamilton and their engineers for the over the road transport and the City of Hamilton Utilities department to clear signs and light posts as needed. The company also worked with Logistec and the Port of Hamilton for the barge, Toronto Tug and Transport for the supply of the barge, Redpath Sugar for the RO-RO on the Toronto side, Toronto Parks and Recreation department, City of Toronto Water, Roads and Infrastructure, TTC Isherwood Geotechnical Engineers, Englobe, EllisDon, GID construction and Hines. As mentioned, en route to Toronto the heavy loads going over the underground infrastructure were a concern due to the heavy trailer axle loadings, additionally there were major city water main construction projects.

In total, three truckloads of steel plates were required to be laid by crews to protect these temporary city works during the heavy transport works. Safety concerns around heavy pedestrian traffic caused this project to take place during the evenings. The TTC bus and train routes were diverted or cancelled due to this move.

EQUIPMENT: Double-wide 12-line Goldhofer PST-E (SPMT); 800-ton 4-Way Lift Systems; Booster Trailer double wide 4-line Goldhofer PST-E (SPMT) for critical structure crossing; Booster Trailer single wide 6-line Goldhofer PST (SPMT) for critical structure crossing; Western Mechanical Certified Escort Vehicles; Western Mechanical Jack and Slide System 500T;

Western Mechanical 200T Jack and Block System; Western Mechanical 50-foot double wide RO-RO ramp system; Costal Titan Crane Barge with integral RO-RO ramp; support trucks and trailers.

PROJECT DURATION: October 2021-November 11, 2023

HAULING/MOVING

WESTERN MECHANICAL

Western Mechanical set a 220-ton pedestrian bridge directly into place in downtown Toronto without the use of overhead cranes, and directly adjacent to historic Union Station.

Bridge roll!

Western Mechanical transported a bridge from road to barge to beach to downtown Toronto.

Western Mechanical and Pinnacle Logistics Solutions were tasked to provide a transportation, delivery and installation solution for a 220-ton pedestrian bridge. The bridge would be picked up from the fabricator in Stoney Creek, Ontario and set into place in downtown Toronto, directly adjacent to historic Union Station.

After almost two years of engineering and planning, the bridge was transported over the road on a double-wide 12-line Goldhofer PST-E (SPMT) approximately 11 miles, making several tight turns in urban Hamilton before arriving overnight at the Port of Hamilton. The bridge was then loaded onto a self-contained RO-RO barge and transported across Lake

Ontario to Toronto. Western Mechanical and Pinnacle Logistics Solutions sought out and coordinated the use of park land to be used as a barge landing for discharge of the bridge directly onto Jarvis Street during the overnight hours. The versatility of SPMTs was on full display, as the superstructure was skillfully moved from the barge at Sugar Beach, through a series of extremely tight turns and corridors.

Once clear of overhead structures close to the delivery location, the bridge was super elevated using a gantry lift system to make room for additional height supports to be placed between the trailer and the bridge. The final leg of the transportation was completed, with the overall height of the load now at 24 feet, to deliver the bridge closer to its required installation height.

Upon arrival at the installation site, the bridge was precisely maneuvered into its final position using a combination of hydraulic controls for the trailer and jack and slide equipment installed on the trailer for final placement onto the bridge bearing supports.

The final transport solution was driven by the limited footprint at the installation site which was also located over a TTC Subway tunnel, and the property's own four-story parking garage.



OTHER ENTRIES

The 2024 Job of the Year competition was the most impressive yet.

Next best

The 2024 Job of the Year competition at the SC&RA Annual Conference in Austin, TX featured some of the most impressive rigging, hauling and moving jobs across North America and around the world. Stay tuned for additional coverage regarding these jobs in future issues of ACT.



RIGGING UNDER \$150,000

MCNALLY-NIMERGOOD CRANE RENTALS

MCNALLY-NIMERGOOD

McNally-Nimergood (M&N) was contracted by RCL Construction to lift and rig a digester lid at a wastewater treatment plant. After reviewing drawings of the lid, M&N's team discovered it had concrete walls, making it significantly heavier than estimated. M&N dispatched two 550-ton cranes to the site to complete the tandem crane pick.



fabricating and implementing an overhead gantry system that could hoist both gates off of their hinges, shift inward of the lock chamber, stabilize in the vertical position and allow for critical maintenance to be safely performed.



FAGIOLI

Fagioli installed a new pipe for a drinking water abduction system in Venice, Italy. The 7-ton pipe was lifted from the dock by a crane and a lifting lug system. During the transport, the pipe remained connected to the transport pontoon by means of the lifting jacks and bands that prevent its horizontal movement.

OXBO MEGA TRANSPORT

OXBO provided lifting/rigging, transportation and installation of a newly fabricated gallery conveyor measuring 314 feet in length, 12 feet in width, 16 feet in height and weighing nearly 250 tons. The project was located along the Oregon/



Washington lower Columbia River and was completed in early December 2023.

RIGGING \$750,000 TO \$2 MILLION



TURNER INDUSTRIES

Turner Industries Group was contracted by a chemical plant in Panama City, FL to remove and replace two tall oil towers that had been in service since the 1960s. With limited space inside the plant, removing and replacing the two 121-foot, 210,000-pound towers presented many challenges. The site had limited laydown area to stage the new towers. An employee parking lot had to be repurposed as a laydown yard to house the new towers prior to being set.

RIGGING OVER \$2 MILLION

FAGIOLI

Fagioli was contracted for the marshalling yard operations, transport and lifting for the Calvados offshore wind farm. Fagioli was in charge of the offloading operations and the loading activity from/ to client vessels of 64 offshore wind farm foundation items, including 64 monopiles and transition pieces weighing up to 1,000 tons and 600 tons respectively. There were two operations: the load in of monopiles and transport to a storage area, and the load in of transition pieces up to a concrete blocks supports storage area.



RIGGING \$150,000 TO \$750,000

BARNHART

Barnhart was contracted to provide engineering, crew and equipment to remove and replace a dam cart hoist and cable. The project began August 2022 and was completed in June 2023.



CLARK RIGGING

Clark Rigging and Rental, headquartered in Lockport, NY along the Erie Canal, has an annual contract for crane and rigging services across the NYS Canal system. In 2023, one of the projects was developing a design/build rigging plan to service the Lower Lock Gates in Waterford, NY. Clark proposed designing, engineering,

**TRUCKING UNDER
160,000 POUNDS**



ADVANCED FREIGHT DYNAMICS

Advanced Freight Dynamics loaded three backup power genset buildings, which are a backup power unit for electric motor driven compressors. The team traveled 2,438 miles from Houston, TX to Ada, MN. The backup power genset buildings were hauled from the fabricator to a facility where they would service the natural gas industry. These buildings were fabricated to be a backup power unit to a main electric motor driven compressor.



FRONTIER HEAVY HAUL & SUPPORT

Frontier Heavy Haul & Support's (FHHS) customer dismantled a Marion 8200 dragline to move it from one mine location to another mine location in Texas. Frontier was hired to transport the abnormally shaped and heavy parts of this machine. The customer also requested the expertise of FHHS on what dimensions the parts/pieces should be, to haul this machine in a timely matter to the new location.



PALCO TRANSPORTATION

Palco Transportation was responsible for ordering permits through nine states over a combined 1,600 miles while

coordinating three escorts and law enforcement through seven of the nine states while staying on schedule of the unload date. The load was picked up in Walker, LA and was delivered on to North Kingstown, RI. The load was a steel fixture for a Department of Defense vessel. The cargo measured 57 feet 10 inches long, 17 feet 9 inches wide and 8 feet 10 inches high. The load weighed in at 32,000 pounds and was loaded onto a Faymonville MultiMax 6-axle steerable trailer.

**TRUCKING 160,000
TO 500,000 POUNDS**



BARNHART

Barnhart was contracted to receive a kiln from ship's gear and then transport it. The kiln was 19.85 feet in diameter by 59.38 feet long. The 180-mile transport was completed using Barnhart's 12-dolly rig. Once the route was finalized, the company was required to get approvals from three DOT district offices. To accommodate the 23-foot tall transport, trees and overhead wires required extensive coordination.

**TRUCKING
OVER 500,000 POUNDS**

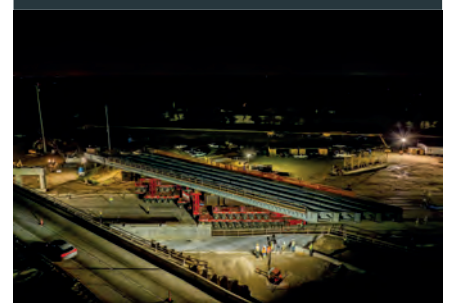


BOSS CRANE & RIGGING

BOSS Crane & Rigging's Heavy Haul Division was contracted to transport two reactors in California for a petrochemical industry client. The project start date was on March 10, 2023, when BOSS began receiving reactors and associated material at the port. BOSS managed the cargo on a deck barge until

the roll-off process began onsite. The BOSS team skillfully hauled the heaviest reactor 1.4 miles from the offloading facility to the staging area. The heaviest reactor was successfully transported on March 22, 2023.

MOVING



BERARD TRANSPORTATION

Berard was contracted for the installation phase of the 1-10/1-12 College Drive flyover project in Baton Rouge, LA. This was phase two of a four phase project. The project's first phase began in January of 2022 when the Berard team removed a portion of the existing bridge span to allow for future widening of the bridge. A new, wider span was constructed at height near the site, and the Berard team was once again called on to install the new span. The team utilized 72 axle lines of SPMTs with accelerated bridge design grillage as well as stacking SPMTs on top of SPMTs to reach the proper height to lift the span.



FAGIOLI

Fagioli was involved in the transportation and installation of the new Baggage Handling System at Houston's George Bush International Airport. The use of a self-propelled modular transport system for the transport and lifting process required a high level of precision and control. Navigating between existing buildings in such a busy and constrained environment required careful coordination and expertise to avoid any potential issues.

The benchmark

When it comes to load handling, certification ensures that professionals meet consistent, defensible standards.

In the load handling industry precision, safety and expertise are critical and credentialing plays a pivotal role in ensuring the highest level of all three. While terms like certification, certificates and qualifications are often used interchangeably, they differ significantly in purpose and rigor. Certification stands out as the gold standard due to its robust third-party evaluation processes and industry-recognized credibility.

Certification is awarded by a non-governmental body following a comprehensive, standardized assessment of an individual's knowledge, skills and competencies. This assessment process is typically conducted by an accredited, impartial third party and is valid for a limited duration, ensuring that holders maintain their proficiency over time. Certificates, by contrast, are often granted upon completing a course and often lack the rigorous competency evaluation required for certification. Qualifications, a broader and less defined term, vary widely depending on the context and evaluator.

In load handling, where even minor errors can have catastrophic consequences, certification ensures that professionals meet consistent, defensible standards. This not only bolsters individual careers but also advances public safety, operational

efficiency and industry integrity.

Certification in the load handling sector represents more than theoretical expertise. It validates critical, job-specific skills through rigorous assessments – often both written and practical – tailored to roles such as operators, riggers, signalpersons, lift directors and inspectors. These assessments, grounded in standards from bodies like OSHA, ASME or ITSDF, ensure that certified individuals possess the precise capabilities needed to safely and effectively perform their duties.

Certified professionals are held to high standards, demonstrating their commitment to meeting and maintaining the technical and safety requirements essential for success in their roles. This validation process also establishes a consistent benchmark across the industry, fostering trust between employers, contractors, and clients.

Certification vs. certificates

Choosing certification over certificates delivers several key benefits. Certifications are granted following third-party standardized evaluations of competency, ensuring impartiality and reliability. In contrast, certificates are often issued by the organization providing training, reflecting course completion rather than

demonstrated expertise.

Certification's alignment with industry standards like OSHA and ASME ensures credibility and relevance. It reflects the real-world demands of specialized roles, providing assurance to employers and regulators alike that certified individuals possess the necessary skills to operate safely and effectively.

Certification vs. qualification

While both certification and qualification establish competency, they differ significantly in rigor, consistency, and portability. Qualifications are determined by an employer's evaluator and may or may not involve formal testing, as outlined in OSHA's standards for signalpersons and riggers. Unlike certification, qualifications are not transportable between employers; they are specific to the evaluating employer's criteria. Certification, on the other hand, is awarded by an accredited third party following rigorous written and practical exams. This process provides a consistent and legally defensible measure of technical knowledge and hands-on skills, ensuring a higher level of safety and competence. For employers, certification offers documented proof of a professional's ability, exceeding the baseline requirements of qualifications and fostering greater trust in high-stakes roles.

For individuals, certification is a powerful tool for career advancement.

Exam integrity

(CCO) has expanded its exam delivery options, providing candidates with unprecedented flexibility in taking written certification exams. However, this increased accessibility comes with a critical commitment to maintaining the highest standards of testing integrity.

Multiple testing platforms

CCO now offers three distinct exam delivery methods:

- 1 Online Proctored Testing (OPT)
- 2 Test Center Testing (TCT)
- 3 Event Online Testing (EOT)

Each platform incorporates rigorous monitoring mechanisms, such as video and audio recording, AI surveillance, and human

proctoring. These comprehensive oversight methods are designed to ensure that every candidate is evaluated fairly and consistently.

In recent months, CCO has confronted a significant challenge: exam integrity violations. The Program Integrity Team (PIT) has investigated numerous incidents that compromise the fairness of certification testing. As a result, nearly 100 exams have been invalidated in just a few months.

Best practices for exam candidates

To help candidates successfully complete their exams and avoid invalidation, CCO has outlined clear guidelines for test-taking:

RECOMMENDED PRACTICES

- Carefully read and follow all on-screen instructions
- Remain fully visible on camera throughout the exam
- Maintain a clear, uncluttered testing area
- Stay within the designated testing room
- Use an approved whiteboard (8½-inch by 11-inch) if needed, ensuring it is clean before and after the exam

PROHIBITED ACTIONS

- Bringing unauthorized materials, including:
 - Physical calculators
 - Cellphones
 - Paper notes
 - Posters or information-laden whiteboards
- Using computer tools beyond those provided in the exam



credential

Certified professionals often enjoy increased job security, higher salaries, and access to specialized roles that uncertified peers may not qualify for. Employers value certification as a signal of dedication to safety, skill mastery, and professional growth.

For instance, a certified lift director demonstrates not only technical proficiency but also a commitment to safety and leadership, making them more competitive for high-responsibility roles. Certification can also serve as a differentiator in the job market, setting candidates apart in an increasingly demanding industry.

Beyond the immediate benefits, certification equips individuals with a foundation for long-term success. By meeting ongoing requirements – such as recertification exams or active participation in professional development – certified professionals remain at the forefront of their fields, adapting to evolving standards and technologies.

Key distinctions between certification over certificates.

A broader impact
The value of certification extends far beyond individual professionals. By establishing industry-wide benchmarks, certification helps ensure safer work environments, reducing the likelihood of accidents and the associated costs of downtime, legal liability, and insurance premiums. A workforce of certified individuals also fosters public trust, demonstrating that companies prioritize safety and competence. Moreover, certification programs

CERTIFICATION	CERTIFICATE
Results from an assessment process	Results from an educational process
Awarded by a third party, not involved in training	Awarded by training or educational programs
Indicates mastery – demonstration of required competencies to practice	Indicates completion of a course(s)
Standards set through a defensible, industry wide process (job task analysis) that results in an outcome of required competencies	Course content designed by trainers / faculty
Has on-going requirements holder must demonstrate they continue to meet	Allow unauthorized individuals in the testing room.
Certification owned by the certification body – can be taken away	Certificate owned by the certificate holder
Is portable	Is not portable* (Apprenticeship certificates are portable to employers within that Local)

aligned with accrediting bodies like ANAB and regulatory standards such as those from OSHA and ITSDF offer a reliable framework for employers to evaluate workforce competency. These programs provide consistency in skills validation across different projects, locations, and roles, creating a more efficient and effective industry overall.

Certification also supports compliance with state and federal regulations, which increasingly require validated credentials for load handling roles. Employers benefit from a streamlined hiring process, as certification simplifies vetting by ensuring candidates meet predefined, rigorous standards.

For professionals, certification is more than a credential – it is a commitment to excellence. It represents a dedication to mastering essential skills, staying informed about industry developments, and prioritizing safety in every aspect of their work.

For organizations, supporting certification programs translates to tangible benefits: enhanced safety, improved efficiency, and a reputation for quality. As the construction and load handling sectors evolve, the demand for certified professionals will only grow, reinforcing certification's role as the gold standard in credentialing.

In an industry where lives, time and resources are on the line, certification stands as the clearest path to ensuring success and safety.

- Taking breaks
- Frequently looking off-screen
- Wearing hats, earbuds, or headphones
- Allowing unauthorized individuals in the testing room
- Reading questions or answers aloud
- Wearing smartwatches
- Moving off-camera or intentionally obstructing the camera view

ENSURING TEST FAIRNESS

CCO's commitment to exam integrity goes beyond simple monitoring. The organization has implemented sophisticated surveillance techniques to detect and prevent potential cheating. This approach protects the value of certification for all professionals in the crane and lifting industries.

Test-takers play a crucial role in maintaining

exam integrity. CCO strongly encourages candidates to:

- Thoroughly review all preparatory documentation
- Understand exam rules and restrictions
- Contact CCO Customer Service with any unclear guidelines
- Commit to honest and ethical testing practices

Maintaining standards

These strict protocols serve a critical purpose beyond individual exam administration. By maintaining rigorous testing standards, CCO ensures that certified professionals possess the genuine skills and knowledge necessary to perform complex and potentially dangerous tasks safely.

Certification is more than just passing a test – it's a demonstration of professional competency. The extensive monitoring and security measures reflect CCO's dedication to protecting the integrity of crane-related certifications and, by extension, workplace safety.

Candidates are reminded that these guidelines are not meant to intimidate but to create a fair, consistent evaluation process. Each rule is carefully designed to ensure that certification reflects true professional capability.

As testing technologies evolve, so too will CCO's approach to exam delivery and monitoring.

CCO remains committed to balancing accessibility with the highest standards of professional assessment.



Empower your workforce

CCO offers 29 Gold Standard certifications across 14 categories, delivering the most comprehensive portfolio for those involved with load-handling equipment. CCO is accredited by the ANSI National Accreditation Board (ANAB) to ISO 17024 standards and CCO certifications are officially recognized by federal OSHA for meeting or exceeding ANSI/ASME/ITSDF requirements. These programs are also endorsed by leading insurance providers and industry associations, offering unparalleled confidence and safety assurance.

Discover how CCO certifications can enhance your team's skills and compliance:

ARTICULATING CRANE OPERATOR CERTIFICATION

Operators of articulating boom cranes and loaders can certify in one of three designations: Articulating Boom Crane Operator (ABC), Articulating Boom Crane with Winch Operator (ABW), and Articulating Boom Loader Operator (ABL). This program ensures operators are proficient in safe and effective crane operations.

Learn more at www.nccco.org/aco

CONCRETE PUMP OPERATOR CERTIFICATION

The Concrete Pump Operator (CPO) program addresses the specialized knowledge required for operating concrete pumps. Accredited to meet ASME B30.27, this is the only program of its kind in the U.S. A practical exam is coming in 2024 to complement the written exam.

Learn more at www.nccco.org/cpo

CRANE INSPECTOR CERTIFICATION

Streamlined for efficiency, the CCO Crane Inspector program certifies individuals to inspect articulating, mobile, tower, and overhead cranes. Recent updates eliminate operator exam requirements, making the certification process faster and more cost-effective.

Learn more at www.nccco.org/ci

DEDICATED PILE DRIVER OPERATOR CERTIFICATION

This program ensures operators meet OSHA 1926 Subpart CC requirements and excel in pile-driving operations. Practical exams cover lifting, maneuvering, and pile-driving preparation tasks.

Learn more at www.nccco.org/dpd

DIGGER DERRICK OPERATOR CERTIFICATION

CCO's Digger Derrick Operator

(DDO) certification focuses on these unique machines, built to ANSI A10.31 standards, addressing their specific capabilities and safety considerations.

Learn more at www.nccco.org/ddo

DRILL RIG OPERATOR CERTIFICATION

Developed in partnership with ADSC, this program offers certifications for operators of Foundation Drill Rigs (FDR) and Anchor/Micropile Drill Rigs (AMP), tailored to the drilling industry's needs.

Learn more at www.nccco.org/dro

LIFT DIRECTOR CERTIFICATION

For those responsible for lift planning and supervision, CCO's Lift Director certification has been simplified, requiring just two exams. Available for Mobile Crane (MLD) and Tower Crane (TLD) lift directors, it emphasizes practical lift planning and execution skills.

Learn more at www.nccco.org/ld

MOBILE CRANE OPERATOR CERTIFICATION

As OSHA 1926 mandates certification for most construction crane operators, CCO offers specialized certifications for various mobile crane types, including Lattice Boom (LAT), Telescopic Boom Swing Cab (TLL), Telescopic Boom Fixed Cab (TSS), and Service Truck Cranes (STC).

Learn more at www.nccco.org/mco

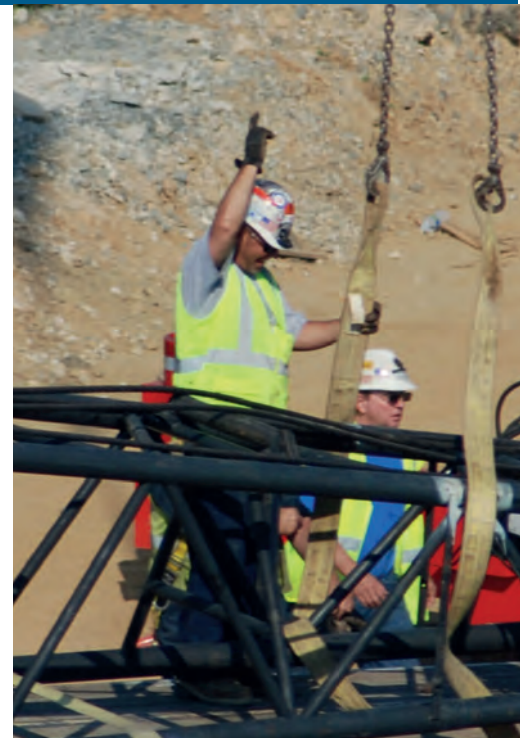
OVERHEAD CRANE OPERATOR CERTIFICATION

The program certifies overhead crane operators through written and practical exams, testing skills like trolley travel, hoisting, and bridge travel.

Learn more at www.nccco.org/oco

RIGGER CERTIFICATION

CCO's Rigger I and II certifications provide unmatched portability across



employers. Rigger I certifies individuals for routine tasks, while Rigger II certifies advanced rigging for non-routine, independent jobs.

Learn more at www.nccco.org/rig

SIGNALPERSON CERTIFICATION

Signalpersons certified by CCO possess expert knowledge of crane operations, safety standards, and signaling techniques for mobile and tower cranes.

Learn more at www.nccco.org/spp

TOWER CRANE OPERATOR CERTIFICATION

Required by OSHA 1926 for construction, this certification tests operators through written and practical exams for safe tower crane operation.

Learn more at www.nccco.org/tco

TELEHANDLER OPERATOR CERTIFICATION

CCO's Telehandler Operator (THO) certification is the only available credential that meets all telehandler requirements - OSHA 1926, OSHA 1910, and ANSI/ITSDF B56.6 standards. Separate designations are available for Fixed (THF) and Rotating (THR) telehandlers.

Learn more at www.nccco.org/tho

Take the next step

Elevate your team's expertise and compliance with CCO's nationally recognized certifications.

Visit www.nccco.org to explore programs, resources, and how to get started.



www.ironworkers.org



IRON WORKERS INTERNATIONAL SETS THE STANDARD HIGH WITH ACCREDITED RIGGER & SIGNAL PERSON CERTIFICATION

The National Commission for Certifying Agencies (NCCA), the accrediting body of the Institute for Credentialing Excellence, has granted accreditation to the Iron Workers International Certification Board's (I.I.C.B.) Rigging & Signalperson Certification Program.

WHY IS IT IMPORTANT?



MEET REQUIREMENTS

OSHA's Subpart CC requires signal person qualification by a third-party qualifier.



MEET DEMAND

While an OSHA letter of interpretation recognizes apprenticeship programs that train and assess riggers and signal persons as third-party qualified evaluators, many contractors, states and municipalities require a Qualified Rigger and Signal Person Certification.



REDUCE COST

Third party certification comes with a hefty price tag without input on testing from subject matter experts, ironworkers and their contractors. Recertification can cost up to \$500.



IMPROVE SAFETY

Ensuring that only trained, skilled and competent ironworkers complete rigging and signaling tasks elevates workplace safety standards and reduces risk.

WHAT IS IT?

Iron Workers International Certification Board's (I.I.C.B.) Rigging & Signalperson Certification Program is accredited by the National Commission for Certifying Agencies (NCCA), the accrediting body of the Institute for Credentialing Excellence. The I.I.C.B. joins an elite group of more than 130 organizations representing over 315 programs that have obtained NCCA accreditation.

HOW IS IT DONE?

- 6,000 HOURS OF HANDS ON EXPERIENCE
- 3-PART EXAM
- TESTING & RECERTIFICATION EVERY 5 YEARS
- IRON WORKERS RIGGING & CRANE COURSE



Education and

NCCCO FOUNDATION

Recapping the industry initiatives undertaken by the NCCCO Foundation in 2024.

The NCCCO Foundation volunteers on its board of directors and committees worked diligently in 2024 to expand existing programs and begin new ones in support of the crane industry. These are the highlights of an exciting and busy year.

The NCCCO Foundation continued its work to develop data-driven safety information through its research partnership with the National Safety Council (NSC). Two new safety reports were developed through the partnership, *Understanding the Current State of Safety Hazards in the Crane Industry* and *Potential Technology Solutions to Address Hazards in the Crane Industry*. The first report includes findings regarding the top hazardous situations, most common risks, most common causes of injuries, perceptions of safety training and compliance, and use of safety technology in the crane industry

from the perspective of those who work in the industry. The second report expands on the hazard survey findings by exploring potential technological solutions to address the most common safety hazards survey. The report includes an overview of 13 safety technology solutions that have the potential to eliminate or mitigate risks within the crane industry.

In addition, two case studies on specific technology solutions (drones and cameras) were published to provide examples of how technology is currently

Kenna Carlsen, MA, Senior Research Associate, National Safety Council, talks about the state of safety in the crane industry.



An attendee at the SkillsUSA Conference in Atlanta tries on a crane career in VR.



A student at the FFA Convention sees what it's like to operate a crane using virtual reality.

engagement



being used in the crane industry. A new online safety tool and follow up research on heat hazards is in development for a 2025 release.

The future workforce

In September 2024, the NCCCO Foundation launched its most ambitious initiative to date, the My Crane Career website and campaign.

The new website is designed to be a resource for those seeking to learn more about careers in the crane industry and a tool for industry companies to use in their recruitment efforts. Examples of the free resources available at MyCraneCareer.org include:

- **THE CRANE CAREER PATH** An interactive chart providing common career paths to a variety of careers in the crane industry
- **CRANE ROLES AND DESCRIPTIONS** Learn about typical duties, salary ranges, required training, and general job descriptions for 19 exciting careers
- **INTERACTIVE QUIZ** Take a short quiz focused on many key aspects of working in the crane industry to see if a crane career is right for you
- **INSPIRING AND EDUCATIONAL VIDEOS** Watch and share quick and interesting crane industry focused videos with real crane operators, riggers and

signalpersons talking about why they love their jobs and the awesome world of cranes

- **SOCIAL MEDIA** Access premade posts to use on social media to promote the benefits of a crane career
 - **SCHOLARSHIPS** Links to organizations providing scholarships for crane training
 - **WHY CRANES?** Learn the top 10 reasons to start a crane career
- Industry stakeholders can access a

“toolkit” webpage containing these and other resources in one location at www.mycranecareer.org/toolkit. An article with more information about the new program was published in the October issue of *American Cranes & Transport (ACT)*.

Under the My Crane Career brand, a new Facebook and Instagram account were also launched to assist in raising public awareness about crane careers through social media. The NCCCO Foundation piloted a targeted paid media campaign in December to drive people searching for a new career to the website and begin to understand what types of messages best resonate with the public.

In addition, the NCCCO Foundation took its show on the road working with the Specialized Carriers and Rigging Foundation (SC&RF) under a new alliance between the two organizations to connect with the future generation of the crane industry at two large conferences, SkillsUSA and Future Farmers of America. Both foundations exhibited together at the conferences with a focus on sharing information with the young student attendees and their instructors about the many exciting opportunities in the crane and rigging industry, as well as providing the hands-on experience of a crane simulator. Due to the positive feedback from these events, additional exhibiting and outreach activities are being considered by both organizations. >30



Industry Forum attendees learn about safety, research, certification and workforce development.



Volunteer, Luke Humphrey of Train for the Crane, shows an FFA student from Ohio how to operate a crane in the VR simulator.

in the applications available on the Foundation's website. More funding is anticipated in 2025 to expand the program.

New determinations

The CTAG Committee meet several times in 2024 and made two new determinations. One was related to most similar certification for vertical mast forklifts using hoisting attachments with suspended loads and the other addressed certification for digger derricks manufactured without an auger. Both decisions are available on the Most Similar Certification Directory on the NCCCO Foundation website.

Free resources

The 9th Annual Industry Forum was in Nashville, TN, in-person and online, in October. During the Industry Forum several industry experts presented information on activities at Federal OSHA, new developments in certification, upcoming safety and workforce research projects, and ways to enhance safety through head protection and drug use prevention.

Three educational webinars were also held on topics ranging from perspectives on a career in the crane industry from a panel of military veterans, and the importance of always thinking about safety from a survivor of a serious fall while working on a crane, to an overview of new outreach tools and recommendations for messaging and outreach and recruitment. Recordings of the educational sessions of the Industry Forum and webinars are currently available at www.ncccofoundation.org.

The right fit

After the publication the new workforce research report in collaboration with the Human Resources Research Organization (HumRRO), that provided the current state of the crane operator profession nationwide, including workforce demographics, experiences, interests, career paths, opinions, and employment histories of the nation's crane operators, a new research project was started to conduct a job skills analysis comparing other types of common jobs with typical crane jobs to identify what jobs may be well positioned with the skills to transition into a crane career.

The research report, available in early 2025, will provide the Foundation and the industry with important information regarding who to target through career awareness outreach and assist individuals in identifying potential jobs to gain skills and experience early in the crane career path.

Scholarship assistance

An essential part of the mission of the NCCCO Foundation is to help make the crane industry more accessible by providing scholarships. To this end, two pilot

scholarship programs officially launched in October. The new scholarship programs focus on improving access for individuals seeking training and CCO certification as a crane operator or signalperson or rigger. Applicants must complete an application and identify the specific CCO Education Services Accredited Training Provider (ATP) they intend to use for their training. Additional eligibility requirements, including financial need, are outlined



A series of crane industry focused safety and workforce research reports are available for free at www.ncccofoundation.org.



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Driving industry

SC&RA's vision for advocacy, engagement and growth.

At the core of SC&RA's mission each year is an unfailing commitment to advocacy and member support, ensuring that specialized carriers, crane and rigging professionals not only meet today's demands but are also prepared to tackle tomorrow's opportunities.

"And it was no different in 2024," said SC&RA CEO Joel Dandrea. "The Association spent six months examining our entire list of programs – what we do, how we do it – and assessing feedback."

From that examination, explained Dandrea, three strategic objectives emerged: advocacy, communication and member engagement. "Ultimately, the Association Board approved a new strategic plan, with a key focus on expanding our advocacy ecosystem. As we move forward over the next five years, we'll broaden and deepen efforts to



SC&RA CEO Joel Dandrea

address member issues and drive engagement."

One key issue involves insurance. "It remains a tough challenge for our members," Dandrea noted. "In 2024, we developed a white paper on the hard market and higher costs. Out of that, the

Insurance Committee suggested a survey to determine how members are buying insurance and covering risk."

SC&RA looks forward to the survey results, which Dandrea described as "... an important step to helping members and insurance partners navigate the insurance landscape."

Looking ahead to 2025, Dandrea highlighted estate tax changes and continued focus on cybersecurity and AI. "The estate tax session we're planning for the



Beth O'Quinn, Senior Vice President, Crane & Rigging

2025 Annual Conference will be crucial for many of our owners, especially family businesses, to understand how tax changes could affect ownership transition.

"And we know that cyber and AI are on the radar globally. In response, we're assessing a cyber/AI affinity partnership to provide members with better insights and intelligence on these topics."

In regard to product offerings in 2024, Dandrea stressed the importance of working closely with members to assess product and service needs. "As we consistently examine different ways to offer true benefits, services and ultimate value to our members, we took a look at an opportunity in early 2024 to initiate a partnership with Milwaukee Tool to provide a very high-quality product line to our membership, and through that partnership, provide direct cost savings and rebates," he said.

"Feedback has been very positive. All our members rely on the tools that are in the Milwaukee Tool product line. We



Members of the Strategic Planning Group met at SC&RA headquarters in June.

progress



Jason Bell, Director, Membership

see tremendous potential in this program and the rebates that put money back into the pockets of participating members. Our program managers from Milwaukee Tool have a very thorough understanding of our industry culture. They're attending events, exchanging information on members' tool needs and collecting good input – so they, as both program partners and tool manufacturers, can better meet our needs.”

Face to face

SC&RA Membership Director Jason Bell reported that membership value was again evident in 2024, demonstrated by a long-term retention rate of 92 percent and a 15 percent increase in new member applications compared to 2023.

“That long-term rate for other associations is around eighty-eight percent, and many are seeing declines – while we've held steady,” he indicated. “Additionally, our second-year members currently renew at seventy-five percent,



and we aim to push that into the eighties. Retaining those first-year members will be critical as the industry faces transitions like mergers and retirements.”

Bell also pointed to growth in SC&RA's Membership Directory, with a three percent increase in premium listings and sales. This enthusiasm extended to strong attendance at SC&RA's 2024 Crane & Rigging Workshop in September, with a 10 percent increase over 2023, totaling around 700 attendees.

“Our members truly want to connect face to face, especially when it comes to preparing for multi-state hauling jobs or critical lifts that require extensive engineering,” Bell explained. “Trust is built in person, and it's a cornerstone of our industry.”

Moving forward, he added, SC&RA will continue to emphasize next-generation leadership through initiatives like the 4 Under 40 Recognition Program and the Emerging Leaders Summit. “The quality of applicants has been amazing. These

Crane Service Co. traveled to SC&RA headquarters earlier in the year to demonstrate variations of weighing mobile cranes.

young leaders are eager to contribute and make their mark.”

Strengthening efforts

It was a busy year for crane and rigging advocacy. SC&RA published its guide to “Understanding Mobile Crane Bare Rental Agreements” in early 2024 and launched the “Guide to Outrigger Pad Materials, Selection and Usage” at the Crane & Rigging Workshop.

“Formal comments were submitted to OSHA through the Construction Industry Safety Coalition regarding a potential standard for heat injury and illness prevention in outdoor and indoor work settings,” said Beth O'Quinn, Senior Vice President, Crane & Rigging. “We believe the standard – if adopted – must be flexible and performance-based.”

An example of SC&RA's state-level work, she noted, is its recent formal comments to the Washington State Department of Labor addressing HB 2022, which increases regulations around tower crane operations to prioritize safety.

O'Quinn also noted that SC&RA, as a member of the International Crane Stakeholders Assembly, continued its work in the development of international guidance documents for the crane industry, with the 2024 publication of “Safe Crane Operations in the Vicinity of Power Lines.”

While advocacy is a central part of the Association's recently completed strategic plan, she added, member engagement, too, takes center stage.

“Members often say they don't have the time to do committee work, or attend all the meetings. But there are many opportunities for members to participate, in-person and virtual, which allows folks to be a part of the process while sharing their industry knowledge and expertise.”

Another way SC&RA seeks to engage members, said O'Quinn, is through the Mental Health Awareness Initiative introduced in 2024. “Recognizing that many in our industry hesitate to seek help

due to the stigma surrounding mental health, SC&RA developed resources including 988 chips and hardhat stickers, and a list of resources for individuals and companies facing these challenges. Overall, we've been really pleased with the amount of feedback we've received on this initiative throughout the year."

Steady gains

On the transportation side, SC&RA's advocacy efforts in 2024 were significant. Chris Smith, Vice President, Transportation, highlighted one recent issue: "We're tackling bicycle lanes being placed over OS/OW and general trucking routes in New York City."

Smith explained that SC&RA is mobilizing carriers to oppose these efforts, submitting comments and organizing coalition meetings with NYCDOT. "OS/OW routes are already hard to come by. The point we're making is not to take away the ones we already have."

Permit harmonization remains a focus, he acknowledged, with SC&RA's Permit Policy Committee continuing to target Massachusetts, California, Oklahoma, Kansas and Tennessee. However, Smith pointed to several other state-level wins this year. "Illinois now recognizes stacked jeeps and boosters as non-divisible loads for interstate travel, aligning with its

neighbors. Kansas also removed its three-day hold on superload applications.

"Additionally, North Carolina improved its escort certification program, authorizing operators under twenty-one and allowing carriers to train escorts to state standards. They also enacted fourteen feet as legal height."

Smith mentioned, as well, that Tennessee now recognizes 53 feet as legal load length – though superload permit delays within the state remain an issue. "I'd add that Maryland now auto-issues permits for loads up to fourteen feet wide," he explained, "aligning with SC&RA's UPT2021 standards. And Wyoming recently adopted twenty-four-seven auto-issue – which checks off another box."

Smith noted that as loads get larger and heavier, automation is being pushed as far as possible. "However, there are some permits that will always need human interaction between both the applicant and the state."

Moreover, SC&RA is addressing what Smith called "draconian enforcement," where penalties far exceed the severity of the violations.

"We're looking at what the appropriate level of enforcement is as an industry – what's reasonable, what's fair."

Smith then pointed

out that North Dakota commissioned a study to evaluate the pavement impact of trunnion trailers versus tridem. "If successful, it could convince states like Colorado, Utah and Oklahoma to permit trunnions like tridem," he said. "This will be significant, as SC&RA members are providing equipment for the study."

Along those lines, SC&RA's grassroots efforts were reinforced through their participation in the annual Trucking Association Executives Council (TAEC) meeting in July. "The meeting helps us with on-the-ground advocacy in every state," Smith explained, highlighting the importance of collaboration with state trucking associations to support advocacy initiatives nationwide.

On the education front, Smith noted that the Permit Policy Committee is exploring mobile crane weighing with portable scales. "As equipment gets larger and more complex, fewer officials understand the technology, leading to inconsistent enforcement. We'll work on educating our public partners about this in 2025."

Ultimately, Smith confirmed that many of these topics will be covered at the 2025 Specialized Transportation Symposium, set for February 18-20 in Charlotte, NC. "We're excited for this year's event, held in the home state of Transportation Group Chair David Yarbrough, of Yarbrough Transfer. David has been very active in North Carolina for years, and we consider him a true asset to the Association."



Chris Smith, Vice President, Transportation

Members of the Permit Policy and Transportation Governing Committee met this summer to discuss the latest on permit policy across the states and provinces.





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PERMIT MANUAL

STATE & PROVINCE OVERSIZE/OVERWEIGHT PERMIT MANUAL DIGITAL SUBSCRIPTION

As the most comprehensive reference tool in the industry, the SC&RA Permit Manual spells out requirements for:

- Procedures and contacts
- Fees
- Restricted or weekend travel
- Allowable weights
- Escorts/pilot car requirements and dimensions

If you are doing business in the specialized transportation industry, the Permit Manual is your #1 resource! You will receive a login and password once payment is processed. Only one simultaneous user allowed. Discounts for 5+ subscriptions.

Item T1—1-year Digital Subscription: **R** \$300.00 **M** \$160.00



EDUCATION/TRAINING

FORKLIFT RIGGING ATTACHMENTS

This 20-minute video and workbook covers the most common forklift attachments from booms, winches, and side shift carriages to personnel baskets and fork extensions.

Item F8B (DVD & Workbook)
R \$119.00 **M** \$89.00

Item F8W Additional Workbook
R \$39.00 **M** \$29.00



SPECIALIZED TRANSPORTATION DRIVER TRAINING

This first of its kind video was created to address the needs of drivers who are both new to the specialized transportation industry and transporting oversize/overweight loads as well as a refresher for veteran drivers.

This video addresses driving skills like right turns and rail road crossings, as well as route planning, permits, and hazard identification. Additional topics include liability issues with OS/OW loads and advice for working with a team.

Item S16D (DVD): **R** \$195.00 **M** \$150.00

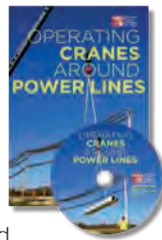


OPERATING CRANES AROUND POWER LINES

This 20 minute video could help save lives! Used by the IUOE in their training program, this video provides a visual demonstration of safe operating procedures in accordance with the OSHA standard for mobile cranes near and around power lines to be used during training and the planning process. The accompanying book includes tables and prevention of encroachment.

Item PL_SET (DVD & Book)
R \$195.00 **M** \$150.00

Item PL_B (Book Only)
1-25 copies: **R** \$10.99 **M** \$7.99
26-75 copies: **R** \$9.99 **M** \$6.99



THE GUIDE TO MOBILE CRANE SAFETY MANAGEMENT

This comprehensive reference manual addresses four main areas of consideration when operating a crane or utilizing cranes on a jobsite including risk, lift classification, lift planning and jobsite issues. In addition to criteria for types of lifts, site factors, pertinent formulas, roles and responsibilities, equipment inspection criteria and safety factors, the manual includes over 18 useful charts, checklists and inspection lists.

Please specify English, Spanish or Portuguese.

Item CR3: **R** \$199.00 **M** \$99.00



R = Retail price

M = Member price

EDUCATION/TRAINING cont.

GLOSSARY OF COMMON CRANE AND RIGGING TERMS

This handy pocket-sized tool contains concise definitions of 681 common terms used in the performance of duties related to crane and rigging work. The listings also refer users to related terms and other words with the same meaning. Available in English or Spanish.



Item CR5 (English)

Item CR5-S (Spanish)

1-15 copies: **R** \$14.95 **M** \$12.95

16-49 copies: **R** \$13.95 **M** \$11.95

50+ copies: **R** \$13.25 **M** \$11.25

RECOMMENDED PRACTICES FOR TELESCOPIC HYDRAULIC GANTRY SYSTEMS

This video features equipment set-up, proper use and system maintenance. The accompanying 24-page manual covers five main areas:

- Scope and definitions
- Construction
- Inspection/load testing/maintenance
- Pre-lift planning
- Operations

Item HGD (DVD+Book): **R** \$129.00 **M** \$99.00

Item HG (Add'l Books): **R** \$69.00 **M** \$49.00



SPECIALIZED TRANSPORTATION LOAD SECUREMENT

This video includes explanations of FMCSA regulations and how they apply to specific loads, information on tie-downs and calculations to determine the number of tie-downs needed. Whether your company uses aggregate working load limits or performance criteria – we have you covered.

Item S16B (DVD): **R** \$195.00 **M** \$150.00



ONLINE TRAINING

SC&RA is pleased to introduce online training for employees. Visit scranet.org/training to view available course and webinars.



R = Retail price

M = Member price

TRANSLATED PRODUCTS

CRANE HAND SIGNALS POSTER DECAL—ENGLISH/SPANISH

Available in both English and Spanish (on one decal), with an illustration for each signal. The 11" x 16" decals are printed in black ink on durable white adhesive-backed vinyl, ideal for application to exterior painted metal equipment.

Item S13 1-29 copies: **R** \$5.50 **M** \$4.50
30+ copies: **R** \$5.00 **M** \$4.00



CRANE HAND SIGNALS MOBILE APP

Now there's an app for reviewing hand signals! Each signal is shown graphically so signal persons can quickly and easily reference the appropriate signal for each command. Includes English and Spanish translations. The app is intended for use before entering the workplace. Available in the iTunes App Store, and on Google as a Droid app.



CRANE HAND SIGNALS POCKET GUIDE

All the crane hand signals in a handy pocket guide format in both English and Spanish. Includes illustrations for each signal. Pocket Guides are a tri-fold design and fit easily into a pocket or wallet. A must have for every signal person on your site. (Pack of 10).

Item S14—1 Pack: **R** \$26.00 **M** \$16.00



GLOSSARY OF COMMON CRANE AND RIGGING TERMS

This handy pocket-sized tool contains concise definitions of 681 common terms used in the performance of duties related to crane and rigging work. The listings also refer users to related terms and other words with the same meaning. Available in English or Spanish.

Item CR5 (English)/Item CR5-S (Spanish)
1-15 copies: **R** \$14.95 **M** \$12.95
16-49 copies: **R** \$13.95 **M** \$11.95
50+ copies: **R** \$13.25 **M** \$11.25



THE GUIDE TO MOBILE CRANE SAFETY MANAGEMENT

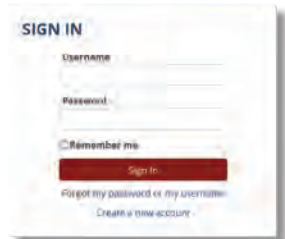
This comprehensive reference manual addresses four main areas of consideration when operating a crane or utilizing cranes on a jobsite including risk, lift classification, lift planning and jobsite issues. In addition to criteria for types of lifts, site factors, pertinent formulas, roles and responsibilities, equipment inspection criteria and safety factors, the manual includes over 18 useful charts, checklists and inspection lists. Please specify English, Spanish or Portuguese.

Item CR3: **R** \$199.00 **M** \$99.00



FREE RESOURCES FOR SC&RA MEMBERS

Members enjoy free access to crane, rigging, transportation and business resources at www.scranet.org/membersonly.



R = Retail price

M = Member price

MEMBER DIRECTORY

DIRECTORY OF MEMBERS AND EQUIPMENT

This annual directory of members and equipment is the most complete and up-to-date reference source in the industry:

- U.S., Canada and world-wide listings of qualified member contractors, their capabilities and equipment;
- Fast referencing by alphabetical and geographical indexes;
- Allied products and service listings include everything from manufacturers, consultants, and spare parts, to insurance and publications.

Item T7 (Print): 1-5 copies: **R** \$115.00 **M** \$50.00
 6-10 copies: **R** \$115.00 **M** \$45.00
 11+ copies: **R** \$115.00 **M** \$40.00

Item T7a (CD): Each: **R** \$499.00 **M** \$145.00

Note: The Directory on CD does not include e-mails.



PRODUCT CATALOG

UNION AGREEMENTS

UNION AGREEMENTS

SC&RA offers its members the opportunity to partner with unions through agreements that increase competitiveness and market share of signatory employers and work opportunities for union members. The agreements cover key provisions and have been used successfully throughout the industry for decades. For more information, contact Beth O'Quinn, boquinn@scranet.org.



INTERNATIONAL ASSOCIATION OF BRIDGE, STRUCTURAL, ORNAMENTAL AND REINFORCING IRON WORKERS

NCEFR—National Agreement for Remodeling, Repair, Replacement, Renovation & Maintenance Work

To read the full agreement, visit www.scranet.org/NCEFR



UNITED BROTHERHOOD OF CARPENTERS AND JOINERS OF AMERICA MWA Agreement – Association of Millwright Contractors

To read the full agreement, visit www.scranet.org/MWA



MWA-M AGREEMENT FOR THE PERFORMANCE OF REPAIR, REPLACEMENT, MAINTENANCE & RENOVATION WORK

–Association of Millwright Contractors

To read the full agreement, visit www.scranet.org/MWAM



INTERNATIONAL UNION OF OPERATING ENGINEERS Operating Engineers Agreement

To read the full agreement, visit www.scranet.org/OEA

R = Retail price

M = Member price

INSPECTION FORMS/CHECKLISTS

ASSEMBLY/ DISASSEMBLY CHECKLISTS

Mobile Crane Pre-Job Safety Meeting Checklist

This checklist provides more than 45 items that should be reviewed before beginning onsite work. Categories include hazard assessment, power line safety, qualified workers, and crane configuration. (25 forms per pad. Includes a carbon copy. Size is 8.5X14)

Item S20 **R** \$17.00 **M** \$12.00



CRANE SAFETY INSPECTION FORM (DAILY/MONTHLY)

Ensure your mobile cranes are inspected properly by using this comprehensive inspection form. This form contains over 100 daily and monthly inspection criteria to help keep your cranes in good working condition. (Pad of 50).

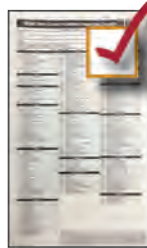
Item S1—1-9 pads: **R** \$12.00 **M** \$8.00
10+ pads: **R** \$10.00 **M** \$7.50



TOWER CRANE PRE-DELIVERY INSPECTION CHECKLIST

This checklist provides more than 220 items that should be reviewed prior to shipping a tower crane to a job site. Categories include internal climber, trolleys, outriggers jib, base, tower, turntable and boom hoist. (25 forms per pad. Includes a carbon copy. Size is 8.5X14)

Item S21 **R** \$17.00 **M** \$12.00



LATTICE BOOM CRANE ANNUAL INSPECTION CHECKLIST

Safety is a daily concern, but annually a more thorough inspection is required. This includes more than 180 items to be inspected. In addition to a section for wire rope there is a chart for recording a load test as well as a deficiency report.

Item S17—1 set of 10: **R** \$17.00 **M** \$12.00



TELESCOPING BOOM CRANE ANNUAL INSPECTION CHECKLIST

This checklist provides your inspectors a list of more than 165 items to inspect including hoists, hydraulics, boom and outriggers. Also included is a chart to record load test and a deficiency recommendation report.

Item S18—1 set of 10: **R** \$17.00 **M** \$12.00



SIGNS/DECALS

CRANE HAND SIGNALS POSTER DECAL— ENGLISH/SPANISH

Available in both English and Spanish (on one decal), with an illustration for each signal. The 11" x 16" decals are printed in black ink on durable white adhesive-backed vinyl, ideal for application to exterior painted metal equipment.

Item S13 1-29 copies: **R** \$5.50 **M** \$4.50
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Item S8—1-9 decals: **R** \$4.00 **M** \$3.00
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Item G4 9" x 11" Decal
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R = Retail price

M = Member price

PRODUCT INDEX



PERMIT MANUAL

	ITEM	RETAIL	MEMBER
State & Province Oversize/Overweight Permit Manual <i>(Digital Subscription)</i>	T1	\$300.00	\$160.00

EDUCATION/TRAINING

	ITEM	RETAIL	MEMBER
Forklift Rigging Attachments <i>(DVD+Book set)</i>	F8B	\$119.00	\$89.00
Forklift Rigging Attachments <i>(Book only)</i>	F8W	\$39.00	\$29.00
Glossary of Common Crane and Rigging Terms	CR5	\$14.95	\$12.95
Glossary of Common Crane and Rigging Terms <i>(Spanish)</i>	CR5-S	\$14.95	\$12.95
Operating Cranes Around Powerlines <i>(Set-DVD + Booklet)</i>	PL-SET	\$195.00	\$150.00
Operating Cranes Around Powerlines <i>(Booklet Only)</i>	PL_B	\$10.99	\$7.99
Recommended Practices for Telescopic Hydraulic Gantry <i>(DVD+book)</i>	HGD	\$129.00	\$99.00
Recommended Practices for Telescopic Hydraulic Gantry <i>(Book Only)</i>	HG	\$69.00	\$49.00
Specialized Transportation Driver Training DVD	S16D	\$195.00	\$150.00
Specialized Transportation Load Securement DVD	S16B	\$195.00	\$150.00
The Guide to Mobile Crane Safety Management <i>(English/Spanish/Portuguese)</i>	CR3	\$199.00	\$99.00

MEMBER DIRECTORY

	ITEM	RETAIL	MEMBER
Directory of Members and Equipment <i>(Print)</i>	T7	\$115.00	\$50.00
Directory of Members and Equipment <i>(CD-electronic)</i>	T7A	\$499.00	\$145.00

UNION AGREEMENTS

	MEMBER
International Association of Bridge, Structural, Ornamental and Reinforcing Iron Workers	See Agreement
International Union of Operating Engineers	See Agreement
United Brotherhood of Carpenters and Joiners of America	See Agreement
MWA-M Agreement	See Agreement

INSPECTION FORMS/CHECKLISTS

	ITEM	RETAIL	MEMBER
Mobile Crane Pre-Job Safety Meeting Checklist <i>(Pad of 25)</i>	S20	\$17.00	\$12.00
Tower Crane Pre-Delivery Inspection Checklist <i>(Pad of 25)</i>	S21	\$17.00	\$12.00
Crane Safety Inspection Form <i>(Daily/Monthly) (Pad of 50)</i>	S1	\$12.00	\$8.00
Lattice Boom Crane Annual Inspection Checklist <i>(Set of 10)</i>	S17	\$17.00	\$12.00
Telescoping Boom Crane Annual Inspection Checklist <i>(Set of 10)</i>	S18	\$17.00	\$12.00

SIGNS/DECALS

	ITEM	RETAIL	MEMBER
Crane Safety Inspection Form <i>(Daily/Monthly)</i>	S1	\$12.00	\$8.00
Death Overhead Decal	S8	\$4.00	\$3.00
SC&RA Member Decals <i>(3x3)</i>	G3	n/a	\$2.00
SC&RA Member Decals <i>(9x11)</i>	G4	n/a	\$3.00

TRANSLATED PRODUCTS

	ITEM	RETAIL	MEMBER
Crane Hand Signal Poster Decal <i>(11x16)</i>	S13	\$5.50	\$4.50
Crane Hand Signal Pocket Guide	S14	\$26.00	\$16.00
Crane Hand Signals Mobile App			
Glossary of Common Crane and Rigging Terms	CR5	\$14.95	\$12.95
The Guide to Mobile Crane Safety Management <i>(English/Spanish/Portuguese)</i>	CR3	\$199.00	\$99.00

PRODUCT CATALOG

R = Retail price

M = Member price

Tyrone Silva discusses key risk transfer elements that should not be overlooked.

Don't risk it



In the construction industry, where complex and expensive work involves the participation of contractors, sub-contractors, vendors, and other third parties, risk transfer is an essential part of protecting your company. Agreements and contracts that clearly indicate, through well-written and precise language, which parties are liable for what are a vital element of risk transfer.

To properly develop an airtight approach to risk transfer, it's wise to ensure a smart approach from the ground up and understand exactly what risk transfer is and its purpose. At its most basic, risk transfer is a strategic contractual shifting of a risk that occurs that is not your fault, to the other parties involved that are at fault.

Risk transfer is contractual and is, as such, a negotiated agreement. Therefore, there are a number of ways to transfer risk as they are drafted. It means there is an opportunity and a responsibility on your part to take care to execute risk transfer contracts appropriately. One thing we often see is that companies become laser-focused on the big-ticket risk shifting clauses in contracts, like indemnity and additional insured requirements, and overlook equally important insurance items such as coverage limitations,

valuation methods, exclusions, ancillary coverages, retainage clauses and unlimited delay stipulations.

There are also other important factors like borrowed servant and right of control, referencing regulatory requirements, and industry consensus standards that ensure the standard of care and responsibilities is in line with industry standards and benchmarks. Finally, addressing site and ground conditions and who is responsible for them is imperative. Failing to be aware of these seemingly minor details may have huge and unexpected ramifications in the event of a claim, so it's important to consider them along with the more major clauses addressing indemnity and additional insured requirements.

At the forefront of risk transfer should be reasonable due diligence to ensure that your contract requires the appropriate insurance coverages to be carried by your customer and ensuring that the customer furnishes a copy of the policy for your review. Be especially aware of enrollment in OCIPs or CCIPs, as companies often assume they are covered without realizing the policy has a \$500K+ deductible. In those cases, the GC could hold you responsible for paying the deductible in the event of a claim or hold money owed to you to cover that cost.

To help you consider and account for not just the major risk transfer clauses but the ones more likely to be overlooked as well, we've outlined some areas to be aware of.

Limits of insurance

Limit of Insurance is typically defined in most insurance policies as the most that will be paid by the insurer in the event of

a covered loss. We find this to be critically important when leasing out a million dollar or more piece of equipment. A few things to be considered when fine-tuning your contracts should be:

- What happens if your equipment is damaged beyond reasonable repair resulting in a total loss as a result of your customer's sole negligence? Did your contract require or address:
 - Contractor Equipment Coverage (sometimes referred to as all-risk physical damage insurance) with specific dollar amounts to cover the full value of your equipment?
 - The valuation method that will be utilized by the customer's insurer?
 - Replacement cost value or actual cash value?

Additionally, it's worth stipulating in the contract the customer's obligations to carry the appropriate coverage, with specified coverage amounts. You may end up in a better position of getting more of your investment dollars back.

Exclusions

Exclusions are set forth in every insurance policy. That being said, it's important to be mindful of specific exclusions when leasing your equipment to others – for instance, let's say a contractor's equipment policy specifically excludes loss of use unless the coverage is endorsed on the policy. In this scenario, you're unable to use your equipment as a result of a total loss, and so you decide that you'd rather file a claim directly with the customer's insurer as opposed to filing a first-party claim through your own insurance. Should your rental contract have failed to stipulate that third-party loss of use

THE AUTHOR

Tyrone Silva is assistant vice president of Risk Management for NBIS. He has over 18 years of experience with NBIS, from our claims team, loss control and contract management.



coverage be carried by your customer, actual losses (i.e. actual financial losses) sustained by you may not be covered.

Ancillary coverages

Continuing Rental Expense coverage should always be considered when leasing out your equipment to others and should be a requirement within your rental contract. If your equipment is down as a result of a total loss and the claim investigation is ongoing, you may risk losing rental income. If this is applicable, know how much rental income you stand to lose. Continuing Rental Expense will extend coverage for the loss of rental income during the claims process while the equipment is being repaired or replaced and will pay up to a specified amount selected by the customer.

Borrowed servant

Addressing right of control is vital. It's common in a crane rental situation for the crane operator to be working under the direction and control of another party, whether it be the general contractor, another subcontractor, or your customer. Normally, your operator will be told by

someone outside of your company where to set up, what to pick, and will be given signals by another party. Therefore, the operator is acting directly under the orders of another company besides yours. To give your company greater protection, your contract must define who has control and supervision over the loaned operator.

Consensus standards

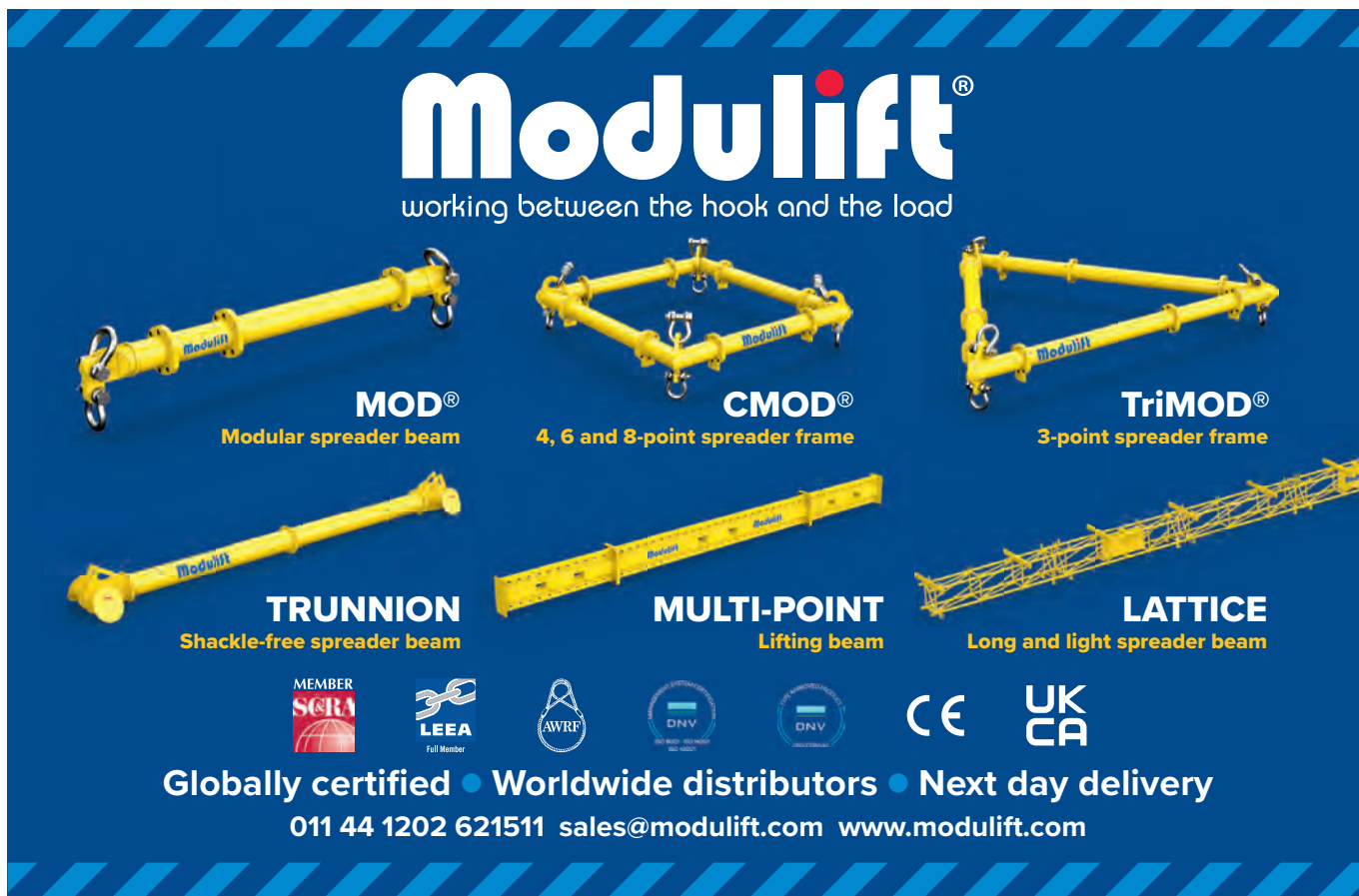
Always be sure to have a point of reference within the contract that pertains to regulatory requirements, such as contracting with qualified riggers and qualified signal persons under OSHA or industry-consensus standards like ASME B30. Contract language, agreed to by all parties, that specifically indicates these operators and workers are properly qualified will outline a standard of care and responsibilities.

Authorized signature

The argument that a given individual was not authorized to sign on behalf of your company is an all too common one that we hear all the time. Having an authorized signature provision ensures that the

representative signing the rental contract understands that they have full authority to endorse this contract on behalf of the corporation and/or other business entities. This protects your company by expressly stating the person signing the contract has authority to enter into the contract, so that should a problem or loss later arise, the company/ lessee cannot claim the contract is invalid because the person signing didn't have authority to do so.

In today's unfortunately very litigious industry landscape, and when costly equipment and other factors make for potential losses in the tens of millions, making sure your risk is controlled, minimized, and managed is non-negotiable. Risk transfer and other contractual methods for managing risk can be invaluable, but only if used properly. NBIS is here to help. We're committed to making sure our insureds are as protected as possible, but we are also dedicated to defending our industry. When contract language and risk transfer are used properly, we can move away from a reality where the crane company is "always at fault."



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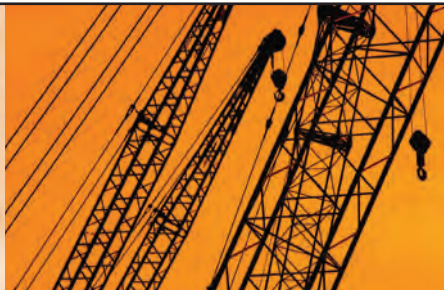
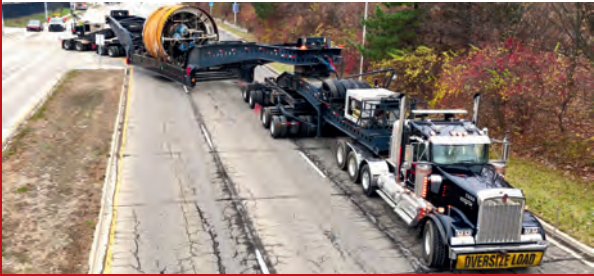
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An economic shift

The impact of rising costs on the crane, rigging and specialized carrier industry.

In recent years, the global economy has witnessed a widespread surge in commodity prices. This trend is readily apparent when you head to the grocery store and see firsthand the steady climb for the most basic household staples. The crane, rigging and specialized carrier industry has not been immune to this economic shift, facing escalating costs across virtually all aspects of operations.

Challenges ahead

If you're a business owner in this sector, you've likely experienced the financial strain of these price hikes. The impact is far-reaching and presents several significant challenges:

- 1 PROJECT VIABILITY:** Rising costs threaten the feasibility of projects, potentially leading to cancellations or postponement.
- 2 PROFIT MARGINS:** Increased expenses are squeezing profit margins, making it harder for companies to maintain profitability.
- 3 GROWTH LIMITATIONS:** The financial pressure may slow company growth as resources are diverted to cover higher operational costs.
The problem is multifaceted, with several high-ticket items contributing to the overall rise in expenses:
- 4 MATERIALS:** The cost of raw materials and equipment has seen substantial increases.
- 5 LABOR:** Wages and benefits for skilled workers have risen to keep pace with inflation and market demands.



THE AUTHOR

Lauren Fronczek is AVP of specialty transportation for National Interstate Insurance Company based in Richfield, OH. National Interstate Insurance is

rated "A+" (Superior) by A.M. Best (rating affirmed on December 16, 2022.)



To maintain profitability in challenging markets, insurers are adopting various strategies.

6 INSURANCE: Premiums for various types of necessary insurance coverage have also climbed significantly. These factors combine to create a challenging business environment for the crane, rigging and specialized carrier industry, requiring careful navigation and strategic planning to maintain success and growth.

Understanding the industry

If you've recently renewed your insurance policy, you've likely encountered a sobering reality: a noticeable increase in your premium. This trend is not isolated but rather a reflection of the highly cyclical nature of the insurance business, where numerous external factors significantly influence pricing.

Several interconnected elements contribute to the current upward trajectory of insurance costs. These include elevated loss activity and severity, swings in the investment market, litigation funding, large jury verdicts and a rise in inflation. These factors collectively contribute to the spike in insurance premiums, which for many businesses represents one of their top operating costs. Understanding these dynamics can help organizations better prepare for and navigate the challenges of insurance renewals in the current market climate. In today's dynamic insurance market,

particularly within the crane, rigging, and specialized carrier industry, we're witnessing a significant shift in how insurers operate and how businesses need to approach risk management.

Key factors

The availability of insurance is intrinsically linked to the capital reserves of insurance carriers. To maintain profitability in challenging markets, insurers are adopting various strategies. These may include increasing premium rates, implementing stricter underwriting criteria or all together exiting niche or high-risk markets. This trend has led to insurers becoming increasingly selective about the risks they're willing to underwrite, establishing a new norm in the insurance landscape.

If your approach to risk financing has been casual or reactive, you've likely encountered challenges during policy renewals in recent years. The current market demands a proactive stance when it comes to purchasing insurance. Meaning it is crucial to understand the various risk financing options available by working with insurance advisors who are specialists. With their consult you should identify which solutions best align with your business operations and enhance your insurance experience through informed decision-making.

Despite these challenges, there are opportunities. We're currently in an era of unprecedented innovation in insurance solutions. The industry has developed a wide array of sophisticated and tailored options to address the complex needs of businesses. By staying informed and taking a proactive approach to risk management, businesses can navigate this evolving landscape and secure the protection they need while optimizing their insurance expenditure.

Risk financing

In today's complex insurance market, businesses have several risk financing

options to consider. Each approach offers unique advantages and suits different operational needs. Let's explore these options in detail.

Also known as guaranteed cost, first dollar or zero deductible insurance, traditional insurance is the most common risk financing method. Key features include complete risk transfer to the insurer, set premium for defined coverages and conditions and ideal for businesses seeking peace of mind. However, this type of insurance is most susceptible to market fluctuations and price volatility.

Deductible plans allow organizations to retain a portion of the risk while

transferring the remainder to the insurer. There is potential for immediate cost reduction and greater control over risk management. But there might be possible collateral requirements from insurers to help protect their credit risk and typically, unlimited deductible reimbursements.

In the self-insurance approach, a company assumes 100 percent of its risk exposure. It is best suited for companies with deep understanding of their risk exposures. The main challenge is an unlimited downside risk, with the company responsible for all claims.

Captive insurance offers a hybrid approach, combining elements of traditional insurance and self-insurance. Well certainly not for everyone, captives are a solution that provides the best of both worlds for the proactive organization: a palatable level of risk that oftentimes includes a defined best- and worst-case scenario, allowing organizations to take advantage of favorable claims experience.

Though specifics to captive structures may vary, they tend to carry the same principles. Typically, a portion of an insured's premium dollars are set aside in an investment account where losses up to a certain level are taken from the account as losses occur. Captives are a risk reward proposition as there is potential for premium returns or additional contributions based on the insured's loss experience. For sizeable operations, there are many creative structures available in addition to group captives.

Benefits include an alignment of interests between operators, insurance agents and insurance carrier, greater long-term control over risk financing and enhanced focus on safety and operational performance. Captive insurance does require working with knowledgeable insurance agents to navigate complexities.

In these challenging times, a proactive approach to insurance purchasing is crucial. By understanding and leveraging all available insurance solutions, companies can better navigate the new normal of the insurance market. While the future may be uncertain, the right risk financing strategy can provide stability and control over insurance costs. Remember, the best choice depends on your specific operational needs, risk tolerance and long-term financial goals. Consulting with experienced insurance professionals can help you make an informed decision that best suits your business.



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The **ACT100** grew substantially in 2024.

Heading up

The 2024 **ACT100** index added an impressive 96,160 tons with an index of 3,176,474 tons capacity. Last year the index grew by more than 500,000 tons from the retraction of the index in 2022.

For comparison, the **ACT100** index in 2023 was 3,080,314. In 2022, it was 2,552,592 and in 2021 it was 2,868,110. In 2020, the **ACT100** index was 2,778,193. The big retraction in 2022 was a result of the economic issues, including supply chain problems caused by the Covid-19 pandemic.

Amazingly, the **ACT100** index has settled firmly in the 3 million ton capacity range for two years straight.

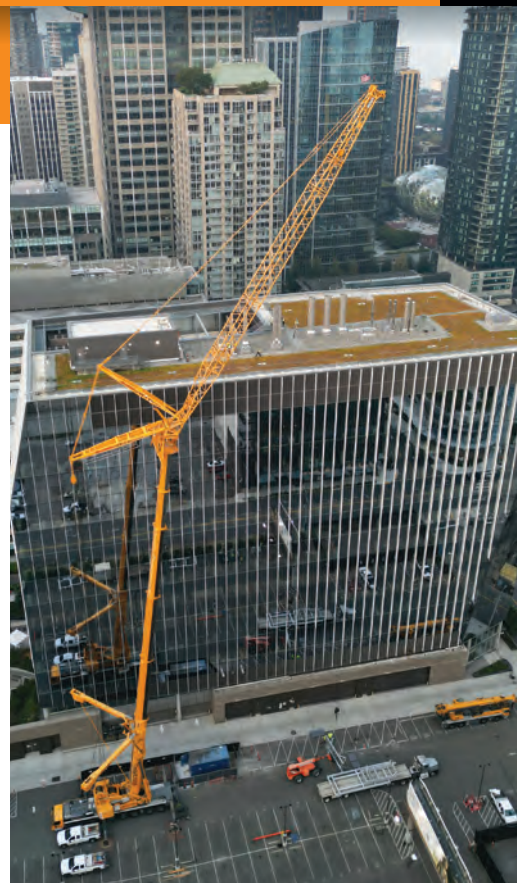
Maxim Crane Works is still number one, reporting an index of 732,241 tons. Maxim is not just the first company on the **ACT100**, but the first company by a far margin in excess of 400,000 tons.

The top 10 crane companies stayed

intact for the most part with Maxim, Bigge and ALL Erection keeping their top three spots. Buckner HeavyLift, Lampson International and Marmon Crane Services round out the top six. The top 10 ended up with Barnhart moving from 9 to 7, Mammoet Americas moving from 7 to 8 and J.F. Lomma moving from 16 to 9. TNT Crane & Rigging moved from 8th to the 10th largest company on the **ACT100**.

Big gainers this year include J.F. Lomma Inc., Lift Source Machinery, Mountain Crane and Superior Cranes.

In 2024, the number of branches was the same as 2023 at 814. While branches increased in 2023, it appears that consolidation was an important strategy over the past year. Employee counts were steady at 42,281.



BY THE NUMBERS

EMPLOYEES

42,281

BRANCHES

814

MOBILE CRANES

15,041

CRAWLER CRANES

3,324

TOTAL CAPACITY

3,176,474 tons

NEWCOMERS

7

ACT100 2025

Submit information for the 2025 **ACT100** by emailing: d.ann.shiffler@khl.com or hannah.sundermeyer@khl.com.

Top 10 largest cranes

RANK 2024	COMPANY NAME	LARGEST CRANE	CAPACITY
1	Mammoet Americas	Mammoet SK6000	6,000
2	Sarens USA	SGC-250	5,500
3	Fagioli Inc. (USA)	Liebherr LR 13000	3,300
3	Buckner HeavyLift Cranes	Liebherr LR 13000	3,300
4	Lampson International	Lampson Transi-Lift LTL-3000	3,000
4	Deep South Crane & Rigging	VersaCrane TC 36000/2	3,000
5	Maxim Crane Works	Manitowoc 31000	2,535
6	Sterett Crane & Rigging	Liebherr LTLM 11200 9.1	1,500
6	Guay	Liebherr LTLM 11200	1,500
6	Bay Ltd.	Liebherr LTM 11200-9.1	1,500
6	Roll Group Americas	Liebherr LR 11350	1,500
7	Barnhart Crane & Rigging	Demag CC8800	1,375
7	Superior Cranes Inc.	Demag CC6800-1	1,375
8	ALL Family of Companies	Liebherr LR 11000	1,200
8	Bragg Companies	Liebherr LR 11000	1,200
8	Atlas Crane Service Inc.	Liebherr LR 11000	1,200
8	NCSG Crane and Heavy Haul	Liebherr LTM 11200-9.1	1,200
8	Northwest Crane Service*	Liebherr LR 11000	1,200
8	Vic's Crane & Heavy Haul Inc.	Liebherr LR 11000	1,200
9	Bigge Crane and Rigging Company	Liebherr LR 11000	1,100
9	Mountain Crane Service	Liebherr LR 11000	1,100
10	Beyel Brothers	Manitowoc 21000	1,000

>50

RANK		COMPANY NAME	HQ	BRANCHES	EMPLOYEES	SCOPE OF OPERATION	SENIOR CONTACT & TITLE
2024	2023						
1	1 ▶	Maxim Crane Works	USA	60	2,798	National	Paul McDonnell, CEO
2	2 ▶	Bigge Crane and Rigging Company	USA	26	988	National	Weston Settlemier, President/CEO
3	3 ▶	ALL Family of Companies (ALL Erection & Crane Rental)	USA	31	1,600	Worldwide	Michael L. Liptak, President
4	4 ▶	Buckner HeavyLift Cranes	USA	5	250	Worldwide	Douglas Williams, President and Chairman
5	5 ▶	Lampson International	USA	7	300	Worldwide	William Lampson, President
6	6 ▶	Marmon Crane Services	USA	52	2,175	Worldwide	Tim Benjamin, President
7	9 ▲	Barnhart Crane & Rigging	USA	64	1,900	National	Alan Barnhart, CEO
8	7 ▼	Mammoet Americas	USA	22	3,000	Worldwide	Joost Goderie, CEO
9	16 ▲	J.F. Lomma Inc.	USA	8	180	Worldwide	Frank Signorelli, COO
10	8 ▼	TNT Crane & Rigging	USA	44	1,750	National	Mark Irion, CEO
11	10 ▼	Beyel Brothers	USA	9	400	Regional	Mark Beyel, Treasurer
12	11 ▼	W.D. Grubb Crane Rental	USA	12	441	National	Doug Adkins, Director of Fleet Operations
13	13 ▶	Deep South Crane & Rigging	USA	7	640	USA	Mitch Landry, President
14	14 ▶	Bragg Companies	USA	15	1,400	National	Bill Green, Vice President
15	15 ▶	Sterett Crane & Rigging	USA	10	185	National	William Sterett III, President
16	18 ▲	Lift Source Machinery	USA	2	10	Worldwide	Don Udelson, CEO
17	NEW	Guay	CANADA	24	650	National	Jean-Marc Baronet, President
18	20 ▲	Mountain Crane Service	USA	7	333	National	Paul Belcher, CEO
19	12 ▼	Bay Ltd.	USA	6	3,200	Worldwide	Berry Peterson, Vice President
20	23 ▲	Atlas Crane Service	USA	8	200	National	Charles Kent, CEO
21	17 ▼	Sarens USA	USA	5	250	Worldwide	Lee Rowe, Regional Director
22	21 ▼	Allegiance Crane & Equipment	USA	15	530	Regional	Justin Romero, CEO
23	32 ▲	Superior Cranes Inc.	USA	15	472	Worldwide	Joe Everett, President
24	25 ▲	Marco Crane & Rigging	USA	5	221	National	Dan Mardian, Jr., President
25	22 ▼	NCSG Crane and Heavy Haul	CANADA	9	400	National	Heather MacCallum, President & CEO
26	24 ▼	Scott-Macon Equipment	USA	8	200	Worldwide	Allan Woodruff, Executive Vice President
27	29 ▲	Fagioli Inc. (USA)	USA	4	148	Worldwide	Edoardo Ascione, President
28	19 ▼	ML Crane Group	USA	5	247	National	Dave Matz, President
29	28 ▼	RMS Cranes	USA	5	304	Regional	Michael Willenborg, President
30	27 ▼	Big B Crane	USA	3	182	Regional	Daniel Basden, President
31	31 ▶	NessCampbell Crane + Rigging	USA	10	360	Regional	John Anderson, President
32	30 ▼	Northwest Crane Service*	USA	11	134	Worldwide	Andy Hodges, President
33	35 ▲	Reliable Crane Service	USA	5	245	Regional	Darrell Shaw, CEO
34	34 ▶	Wagstaff Crane Service	USA	1	126	Regional	Judd Wagstaff, Manager
35	33 ▼	Davis Crane Companies	USA	9	350	Regional	Dennis Davis, President/CEO
36	36 ▶	Joyce Crane	USA	6	183	Regional	Joe Bob Joyce, President
37	37 ▶	Dielco Crane Service	USA	1	128	Regional	David Dieleman, President
38	39 ▲	Dozier Crane	USA	5	100	Worldwide	Dozier Cook, President
39	46 ▲	Vic's Crane & Heavy Haul	USA	4	250	Regional	Nate Jasper, Director of Business Development
40	41 ▲	Mr. Crane	USA	4	200	National	Andy M. Steinberg, President & CEO
41	40 ▼	McRay Crane & Rigging	USA	1	63	Regional	Calvin Jones, Executive Director

EDITOR'S NOTE: Every attempt was made to assure the information in the ACT100 is correct and accurate. The editors of ACT and employees of HIL Group Americas do not assume responsibility for errors, omissions or erroneous information.

**SCAN
HERE**



WEBSITE	MOBILE CRANES	CRAWLER CRANES	LARGEST CRANE	CAPACITY	ACT INDEX
maximcrane.com	1,364	413	Manitowoc 31000	2,535	732,241
bigge.com	1,079	376	Liebherr LR 11000	1,100	237,380
allcrane.com	1,560	290	Liebherr LR 11000	1,200	151,102
bucknerheavylift.com	10	179	Liebherr LR 13000	3,300	133,659
lampsoncrane.com	66	385	Lampson Transi-Lift LTL-3000	3,000	127,748
marmoncranes.com	977	92	Liebherr LTM1700-9.1	900	122,369
barnhartcrane.com	618	51	Demag CC8800	1,375	103,592
mammoet.com	530	136	Mammoet SK6000	6,000	99,689
jflomainc.com	114	104	Manitowoc MLC with VPC Maxer & Luffer	770	98,600
tntcrane.com	626	66	Liebherr LTM 1750-9.1	900	97,534
beyel.com	235	61	Manitowoc 21000	1,000	70,315
wogrubb.com	290	125	Liebherr LR 1750	825	68,917
deepsouthcrane.com	265	29	VersaCrane TC 36000/2	3,000	57,575
braggcompanies.com	387	58	Liebherr LR 11000	1,200	57,322
sterettcrane.com	173	28	Liebherr LTLM 11200 9.1	1,500	46,175
LSMcrane.com	131	26	Liebherr LTM 1750 9.1	900	43,915
guay.com	470	18	Liebherr LTLM 11200	1,500	42,780
mountaincrane.com	117	56	Liebherr LR 11000	1,100	42,444
bayltd.com	198	22	Liebherr LTM 11200-9.1	1,500	38,725
atlascrane.com	89	31	Liebherr LR 11000	1,200	36,873
sarens.com	150	100	SGC-250	5,500	35,842
allegiancecrane.com	284	9	Demag AC0700-9	800	35,609
superiorcranes.com	178	23	Demag CC6800-1	1,375	31,689
marcocrane.com	227	53	Grove GMK 7550 w/Megawing	550	28,741
ncsg.com	165	29	Liebherr LTM 11200-9.1	1,200	27,642
smequipment.com	431	39	Tadano ATF 400	450	27,419
fagioli.com	14	24	Liebherr LR 13000	3,300	24,000
mlcranegroup.com	69	15	Liebherr LR 1800	900	23,655
rmscranes.com	99	28	Liebherr LTM 1750-9.1	900	23,523
bigbcrane.com	54	48	Liebherr LTM 1750-9.1	900	22,145
nesscampbell.com	116	10	Liebherr LR1600/2	660	19,488
northwestcraneservice.com	41	6	Liebherr LR 11000	1,200	18,830
reliablecraneservice.com	121	18	Liebherr LR1600/2	660	15,963
wagstaffcrane.com	76	13	Liebherr LTM 1750-9.1	900	15,796
daviscrane.com	162	3	Liebherr LTM 1750-9.1	925	15,183
joycecrane.com	102	1	Liebherr LTM 1750-9.1	900	15,023
dielcocrane.com	71	19	Liebherr LR 1600/2	660	14,875
doziercrane.com	109	41	Kobelco CK 3300G-2	330	14,195
viccrane.com	94	8	Liebherr LR 11000	1,200	13,540
mrcrane.com	64	24	Manitowoc 2250 w/Maxer	500	13,308
mcraycrane.com	38	1	Liebherr LTM1300-6.2	365	12,950

* Estimate
>52



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THE LIFTING EXPERTS

RANK		COMPANY NAME	HQ	BRANCHES	EMPLOYEES	SCOPE OF OPERATION	SENIOR CONTACT & TITLE
2024	2023						
42	38 ▼	Custom Truck One Source	USA	38	2,500	National	Ryan McMonagle, CEO
43	42 ▼	Digging and Rigging	USA	6	207	Regional	James Gregory, Jr., President
44	53 ▲	CraneWorks Inc.	USA	10	215	Worldwide	Keith Ayers, CEO
45	43 ▼	CraneWorks RentalWorks *	USA	4	280	Regional	Kenny Bishop, President
46	47 ▲	Circle 8 Crane Services	USA	5	155	Regional	Arnold Mabee, CEO
47	48 ▲	BOSS Crane & Rigging	USA	4	220	National	Richard Miller, President
48	45 ▼	Kelley Equipment of Florida*	USA	2	150	Regional	Daniel H. Gold, CEO
49	85 ▲	Southwest Industrial Rigging	USA	4	139	National	Harry Baker, President
50	55 ▲	G. A West/Legacy Equipment	USA	6	1,500	National	Gary A. West, President
51	50 ▼	Ideal Crane Rental	USA	6	110	Regional	Robert Kalhagen, President
52	52 ▶	Irving Equipment	CANADA	5	133	National	Alan Mansfield, General Manager
53	59 ▲	Budrovich Contracting	USA	4	125	Regional	Fred Smith, Vice President, Crane Operations
54	51 ▼	Edwards Inc.	USA	6	600	Regional	Jamie Ezzell, Crane Division Manager
55	61 ▲	Alamo Crane Services	USA	2	60	Regional	Marge Ohlenbusch, CEO
56	52 ▼	Allison Crane & Rigging	USA	6	185	National	Larry Allison Jr., President
57	57 ▶	R.H. Marlin Inc.	USA	1	75	Regional	Joe Fox, Vice President
58	58 ▶	Hill Crane Service	USA	3	144	Regional	Ronald Hill, CEO
59	54 ▼	Kirby-Smith Machinery	USA	12	750	National	Rickey Bailey, Vice President Crane Division
=60	63 ▲	Blue Hat Crane & Equipment Rental	USA	6	130	National	Mike Palendat, Equipment Operations Director
=60	56 ▼	Thackray Crane Rental*	USA	5	135	Regional	Steve Stunder, CEO
61	49 ▼	Roll Group Americas	USA	7	350	Worldwide	Edward Talbot, Managing Director USA
62	60 ▼	J J Curran Crane	USA	2	31	Regional	Jeff Curran, President
63	62 ▼	Crane Service Company	USA	9	194	Regional	Brian Mazzella, Vice President
64	65 ▲	Phoenix Crane Rental	USA	4	95	Regional	Mike Knott, President
65	68 ▲	Superior Rigging & Erecting	USA	3	300	National	Patrick Lewis, President/CEO
66	69 ▲	RKM Crane Services	CANADA	5	50	Regional	Matthew Blackwell, General Manager
67	44 ▼	McNally-Nimergood Company	USA	1	35	Regional	Jeff McNally, President
68	67 ▼	Connelly Crane Rental Corp.	USA	3	50	Regional	Michael Connelly, President
69	NEW	Alliance Riggers	USA	1	80	Regional	Phillip H. Cordova, CEO
70	70 ▶	Landwehr Construction	USA	3	250	National	Matt Fourre, Vice President, Cranes
71	78 ▲	General Steel Crane & Rigging	USA	5	55	Regional	Jeff Noland, President
=72	72 ▶	Continental Crane/Ozark Crane*	USA	3	40	Regional	Todd Eads, President
=72	74 ▲	Custom Service Crane	USA	5	60	Regional	Randy Huffman, Vice President
73	75 ▲	The Boldt Company	USA	18	2,319	National	Matt Proden, Senior Product Manager
74	71 ▼	Padgett Inc.	USA	1	150	Regional	Laura Bierman, President
75	73 ▼	Omega Morgan	USA	9	750	National	Eric Zander, COO
76	76 ▶	I.B. Dickinson & Sons	USA	4	48	Regional	Donald Dickinson, President
77	77 ▶	Rosco Crane & Rigging	USA	1	75	Regional	Ross Kovach, Vice President
78	80 ▲	D-crane Rental	USA	2	35	Regional	Rob Domaschko, Owner
79	83 ▲	Iron Stag Crane Service	USA	2	33	Regional	Ned Eisenhart, President
80	NEW	Brewer Crane & Rigging	USA	1	80	Regional	Brent Garcia, President
81	81 ▶	Dobbs Crane Rental	USA	1	21	Regional	Chris Dobbs, Director of Operations

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WEBSITE	MOBILE CRANES	CRAWLER CRANES	LARGEST CRANE	CAPACITY	ACT INDEX
customtruck.com	268	0	Link-Belt HTC 86110	110	12,500
digrig.com	70	3	Liebherr LTM 1750-9.1	900	12,195
crane-works.com	471	3	Tadano AC 8.500-1	600	12,034
craneworks.com	140	4	Liebherr LTM 1400-7.1	500	12,000
circle8services.com	59	0	Grove GMK 6300	350	11,867
bosscrane.com	48	12	Liebherr LTM 1750-9.1	900	11,468
kelleyequipment.com	51	25	Demag AC500-2	600	11,400
swirusa.com	65	5	Liebherr LTM 1650-8.1	770	11,300
legacy-equipment.com	38	38	Manitowoc 18000	660	10,361
idealcranerental.com	83	19	Liebherr LTM-1450 8.1	550	10,139
irvingequipment.com	68	15	Liebherr LR 1700	770	9,962
budrovich.com	102	6	Grove GMK 7550	550	9,486
edwardsinc.com	88	7	Demag AC 500-2	600	9,366
alamocrane.com	40	1	Liebherr LTM165-8.2	770	8,737
allisoncrane.com	43	2	Terex AC 500/1	625	8,420
rhmarlin.com	80	15	Grove GMK 7550	550	8,100
hillcrane.com	65	4	Liebherr LTM 1400-7.1	500	8,031
kirby-smith.com	120	6	Manitowoc MLC165-1	182	7,980
bluehatcrane.com	54	17	Grove GMK 7550	550	7,569
thrackraycrane.com	96	5	Liebherr LTM 1400-7.1	500	7,569
roll-group.com	1	17	Liebherr LR 11350	1,500	7,054
jjcurran.com	66	1	Grove GMK 6400	450	6,833
craneserviceco.com	34	5	Liebherr LTM 1650-8.1	770	6,789
phoenixcrane.com	53	3	Liebherr LTM 1350 6.1	400	5,875
superiorrigging.com	38	8	Liebherr LTM 1450-8.1	550	5,479
rkmcrane.com	39	0	Liebherr LTM 1400-7.1	500	5,135
mcnallycrane.com	29	1	Liebherr LTM 1750 9.1	900	5,045
connellycrane.com	49	7	Liebherr LTM 1350-6.1	400	4,314
allianceriggers.com	24	7	Liebherr LR1750	825	4,250
landwehrconstruction.com	19	6	Demag AC 350/6	400	4,031
gen-steel.com	47	0	Grove GMK 6400	450	3,990
cranework.us	21	0	Demag AC500-2	600	3,408
customservicecrane.com	33	0	Liebherr LTM 1450-8.1	550	3,408
boldt.com	34	9	Manitowoc 2250	300	3,296
padgett-inc.com	40	3	Grove GMK 6300L	350	3,243
Omegamorgan.com	15	2	Grove GMK 7450	550	3,160
ibdickinson.com	22	0	Liebherr LTM 1400-7.1	500	3,068
rosscocrane.com	19	0	Tadano AC300-6	350	2,726
d-cranerental.com	25	0	Grove GMK 6300L-1	350	2,616
ironstagcrane.com	15	0	Liebherr LTM 1450-8.1	550	2,500
brewercrane.com	24	0	Grove GMK 6400	450	2,488
dobbscrane.com	18	1	Liebherr LTM 1400 7.1	500	2,470

* Estimate

>54

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RANK 2024	RANK 2023	COMPANY NAME	HQ	BRANCHES	EMPLOYEES	SCOPE OF OPERATION	SENIOR CONTACT & TITLE
82	=79 ▼	Patriot Crane & Rigging	USA	3	200	Regional	Scott "Sham" Shamburg, President
83	=79 ▼	Anglemyer Crane	USA	1	38	Regional	John Anglemyer, President
84	83 ▼	Taylor Crane & Rigging	USA	2	115	National	Jim C. Taylor, Jr., President
85	NEW	West Coast Cranes	USA	4	40	Regional	Lowell Tucker, President
86	88 ▲	Mansfield Crane Service Corp.	USA	2	25	Regional	Trapper Wyman, Owner
87	86 ▼	Diamond Steel Construction	USA	1	75	Regional	David Collins, President
88	92 ▲	JCrane Inc.	USA	2	30	Regional	Jack Stull, President
89	90 ▲	PSC Crane & Rigging	USA	3	250	National	Randy Sever, Executive Vice President
90	89 ▼	AME Inc.	USA	5	150	Worldwide	Jeff Campbell, President
91	86 ▼	JK Crane	USA	1	10	Regional	Jennifer Gabel, CEO
92	93 ▲	Burkes Crane Rental	USA	5	750	Regional	James Carpenter, Project Manager Crane Rental
93	94 ▲	Modern Construction	USA	1	18	Regional	Dwayne Scaff, President
94	95 ▲	Waggoner Equipment Rental	USA	1	36	Regional	Alana Yount, Owner
95	NEW	Next Gen Crane Rigging	USA	2	18	Regional	Brent Thompson, COO
96	98 ▲	Yellowstone Crane & Rigging	USA	1	10	National	Luke Umfress, CEO and Owner
97	NEW	Runnion Equipment Company	USA	2	40	National	Patrick Runnion, CEO
98	NEW	Atlantic Coast Cranes & Machinery	USA	1	11	Worldwide	Wally Jones, President and Owner
99	96 ▼	Hampton Crane Service	USA	1	33	National	Lance D. Carney, President
100	100 ▶	Advanced Rigging & Machinery Moving	USA	1	25	Regional	Matthew Hinty, President

In 2024, the crawler crane count was 3,324, as compared to 3,346 last year, a small retraction. In 2022, the ACT100 index showed 3,129 crawler cranes and 3,288 crawler cranes in 2021.

Mobile cranes fell again this year to 15,041 units, nine units less than the 15,050 mobile cranes reported last year. In 2022, there were 15,557 mobile cranes reported on the list as compared to 16,351 mobile cranes in 2021.

Our data suggests that companies are adding more high-capacity mobile and crawler cranes, hence the growth in the overall ACT100.

Mergers and acquisitions continue to impact the ACT100. Bay Crane, which chooses not to participate in the ACT100, has acquired several companies that used to be on the list, including Capital Crane and Gatwood Crane and Rigging to name a few. Barnhart has also acquired several companies.

The top 25 stayed pretty much the same, with a few trading spaces here and there. The largest new company to enter the ACT100 is Guay, clocking in at

Number 17 with an index of 42,780.

The largest crawler crane fleet in North America is owned by Maxim Crane Works with 413 crawler cranes. Lampson follows with 385 crawlers and Bigge with 376. The ALL Family of Companies has the largest number of mobile cranes with 1,560 units. Maxim has 1,364 mobile units and Bigge has 1,079.

The largest crane on the ACT100

PHOTO: BARNHART CRANE AND RIGGING CO.



Top 10 largest mobile fleets

RANK 2024	COMPANY NAME	WEBSITE	MOBILE FLEET	ACT INDEX
1	ALL Family of Companies	allcrane.com	1,560	151,102
2	Maxim Crane Works	maximcrane.com	1,364	732,241
3	Bigge Crane and Rigging Company	bigge.com	1,079	237,380
4	Marmon Crane Services Inc.	marmoncranes.com	977	122,369
5	TNT Crane & Rigging	tntcrane.com	626	97,534
6	Barnhart Crane & Rigging	barnhartcrane.com	618	103,592
7	Mammoet Americas	mammoet.com	530	99,689
8	CraneWorks Inc.	crane-works.com	471	12,034
9	Guay	guay.com	470	42,780
10	Scott-Macon Equipment	smequipment.com	431	27,419

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WEBSITE	MOBILE CRANES	CRAWLER CRANES	LARGEST CRANE	CAPACITY	ACT INDEX
patriotnation1.com	29	2	Liebherr 1450-8.1	550	2,340
anglemycrane.com	23	0	Grove GMK 6300L-1	350	2,315
taylorcrane.com	19	2	Liebherr LTM 1230-5.1	275	2,197
westcoastcranes.com	21	0	Grove 6350	350	2,145
mansfieldcrane.com	11	0	Liebherr LTM 1400-7.1	500	2,100
diamondsteel.com	34	0	Grove GMK 5275	275	1,735
jcrane.com	12	0	Liebherr LTM 1300-6.2	360	1,684
pscind.com	19	0	Liebherr LTM1250-5.1	300	1,625
ameonline.com	17	0	Grove GMK 5250-L	300	1,609
jkcrane.com	11	2	Tadano AC300-6	350	1,461
burkescranerental.com	29	0	Grove GMK 5250L	300	1,385
moderncrane.com	11	1	Grove GMK 5275	275	1,258
waggonerequipment.com	31	0	Link Belt RTC 80160 II	160	1,202
nexgencrane.com	9	0	Liebherr LTM 1230	275	800
yellowstonecrane.com	6	0	Liebherr LTM 1200 5.1	240	685
runnionequipment.com	50	0	National NBT55L	55	600
accranes.com	10	2	American 9750	165	465
hamptoncrane.com	11	0	Liebherr LTM 1250-5.1	300	450
advanced-rigging.com	10	0	Grove 1012	18	155

* Estimate



is the Mammoet SK6000, with a capacity of 6,000 tons. Next is the Sarens SGC-250 with 5,000 tons capacity. Fagioli and Buckner HeavyLift both have Liebherr LR 13000s with 3,300 tons capacity.

Deep South and Lampson have the Transi-Lift 3000 and the VersaCrane TC 36000/2, posting capacities of 3,000 tons respectively. Maxim owns the 2,535-ton capacity Manitowoc 31000.

The methodology

Our ACT team sent surveys to close to 500 companies in the U.S., Canada and Mexico. While the ACT100 is much more comprehensive than it was when it was started 19 years ago, we realize there are probably 10 to 15 major crane-owning companies not represented. Some companies do not want to share information about their fleets, and we respect their decision.

This year we were 100 percent with the ACT100. There are two ties and three companies with an asterisk, shown as an estimate.

As stated previously, in the largest crane category, different capacities may be listed for the same machine. We rely on the information supplied to us in determining these capacities as rigging variables can change the capacity of the crane.

Because the vast majority of crane-owning companies are privately held, it can be difficult to obtain and verify figures, although we do approach independent industry sources for assistance and use related web resources and research when we use an estimate.

Top 10 largest crawler fleets

RANK 2024	COMPANY NAME	WEBSITE	CRAWLER FLEET	ACT INDEX
1	Maxim Crane Works	maximcrane.com	413	732,241
2	Lampson International	lampsoncrane.com	385	127,748
3	Bigge Crane and Rigging Company	bigge.com	376	237,380
4	ALL Family of Companies	allcrane.com	290	151,102
5	Buckner HeavyLift Cranes	bucknercompanies.com	179	133,659
6	Mammoet Americas	mammoet.com	136	99,689
7	W.O. Grubb Crane Rental	wogrubb.com	125	68,917
8	J.F. Lomma Inc.	jflommainc.com	104	98,600
9	Sarens USA	sarens.com	100	35,842
10	Marmon Crane Services Inc.	marmoncranes.com	92	122,369



Top20 largest fleet size

RANK 2023	ACT 100	COMPANY NAME	HQ	TOTAL FLEET	ACT INDEX
1	3	ALL Family of Companies	USA	1,850	151,102
2	1	Maxim Crane Works	USA	1,777	732,241
3	2	Bigge Crane and Rigging Company	USA	1,455	237,380
4	6	Marmon Crane Services Inc.	USA	1,069	122,369
5	9	TNT Crane & Rigging	USA	692	97,534
6	7	Barnhart Crane & Rigging	USA	669	103,592
7	8	Mammoet Americas	USA	666	99,689
8	16	Guay	CANADA	489	42,780
9	44	CraneWorks Inc.	USA	474	12,034
10	26	Scott-Macon Equipment	USA	470	27,419
11	5	Lampson International	USA	451	127,748
12	13	Bragg Crane Service	USA	445	57,322
13	11	W.D. Grubb Crane Rental	USA	415	68,917
14	10	Beyel Brothers	USA	296	70,315
15	12	Deep South Crane & Rigging	USA	294	57,575
16	22	Allegiance Crane & Equipment	USA	293	35,609
17	24	Marco Crane & Rigging	USA	280	28,741
18	42	Custom Truck One Source	USA	268	12,500
19	21	Sarens USA	USA	250	35,842
20	19	Bay Ltd.	USA	220	38,725

Disclaimer

We rely on the integrity of the companies that participate, wholly assuming that the information they provide is accurate and truthful to the best of their knowledge.

We work to ensure the accuracy of the information provided but take no responsibility for errors or omissions. We will continue to work to make the ACT100 the most comprehensive

ACT Top Lists

American Cranes & Transport presents four top lists each year. Our June issue features the largest list, the ACT100 list of North America's largest crane-owning companies. In the August issue is the ACTTOWERCRANE50; in the November/December issue is the ACTTRANSPORT50 and in the March issue is the ACTSPECIALIZED LIFTING50.

If you would like to participate in any or all these lists please email – D. Ann Shiffler, editor: d.ann.shiffler@khl.com or, Hannah Sundermeyer, deputy editor: hannah.sundermeyer@khl.com.

list of crane-owning companies in North America.

Companies are ranked by their ACT100 Index, which is calculated by adding together the maximum lifting capacities in U.S. tons of all crawler cranes and mobile cranes in a company's fleet, including attachments.



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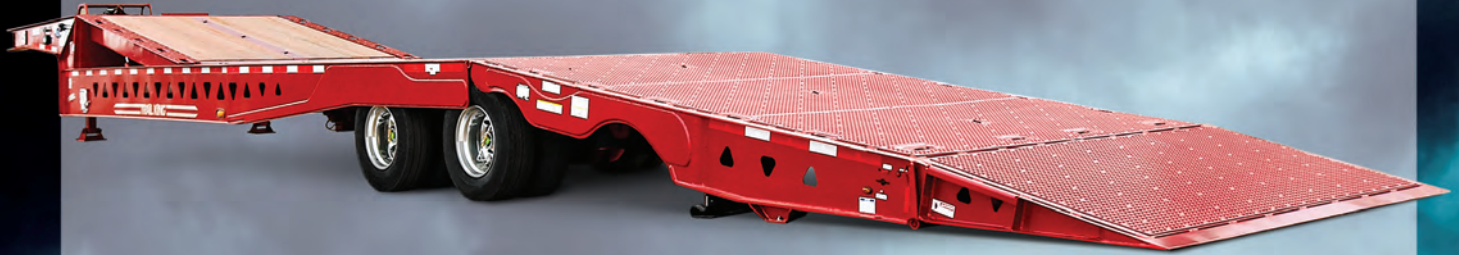
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PHOTO: OMEGA MORGAN



Big wheels!

Merger and acquisition activity has significantly impacted the 2024 **ACTTRANSPORT50**. At least three companies are no longer on the list due to larger companies gobbling up smaller companies. In the case of Daseke, the long-time Number 2 company, a big company acquired a big company.

Shortly after press time for the 2023 November/December issue, it was announced that Canada-based TFI International had entered into an agreement to acquire Daseke for \$1.1 billion. The deal closed on April

1, 2024. Despite repeated attempts to contact TFI International about the **ACTTRANSPORT50**, the *ACT* editorial team had no choice but to take Daseke off the list, knowing the impact would be big.

While the **ACTTRANSPORT50**

has retracted from 2023 with a total fleet index of 46,560 – down from 53,949 in 2023 – it actually would have set a record this year if Daseke's data were included. The total fleet index would have been approximately 55,409.

Losing Daseke's data affected every index >60

2023 RANK	COMPANY NAME	TOTAL CAPACITY US TONS
1	ALL Family of Companies	101,925
2	Landstar Transportation Logistics	92,265
3	Barnhart Crane & Rigging	91,396
4	Mammoet North America	83,263
5	Bennett Motor Express	62,140
6	ATS Specialized	59,847
7	Maxim Crane Works	57,783
8	Fagioli USA	42,754
9	Emmert International	39,822
10	Bay Ltd	37,640

* ACT estimate

	2022	2023	2024
TOTAL FLEET SIZE	55,239	53,949	46,560
TOTAL CAPACITY	1,171,807	2,061,188	1,053,256
NUMBER OF TRUCK/TRACTORS	24,677	22,943	17,811
NUMBER OF EMPLOYEES	29,809	32,548	26,349
NUMBER OF TERMINALS	2,239	2,228	1,808
NUMBER OF MODULAR/HYDRAULIC PLATFORM TRAILERS/DOLLIES IN FLEET	8,591	9,080	9,360
CAPACITY OF MODULAR/HYDRAULIC PLATFORM TRAILERS/DOLLIES IN FLEET	429,301 tons	437,851 tons	486,369 tons
NUMBER OF SPECIALIZED TRAILERS (INCLUDING ALL MULTI-AXLE UNITS) IN FLEET	23,050	23,024	21,657
TOTAL CAPACITY OF SPECIALIZED TRAILERS (INCLUDING ALL MULTI-AXLE UNITS) IN FLEET	759,555 tons	773,734 tons	723,224 tons

BY THE NUMBERS

2024 RANK	2023 RANK	COMPANY NAME	CITY STATE	# OF TERMINALS	SCOPE OF OPERATION	# OF EMPLOYEES	SENIOR CONTACT
1	1	Landstar Transportation Logistics	Jacksonville, FL	1,100	International	1,354	Rob Simon, vice president, heavy specialized
2	6	Bennett Motor Express	McDonough, GA	147	International	338	David Lowry, CEO
3	3	ALL Family of Companies	Independence, OH	29	International	1,600	Michael L. Liptak, president
4	4	ATS Specialized	St. Cloud, MN	10	International	1,589	Lyle Jankee, vice president, general manager
5	5	Maxim Crane Works	Wilder, KY	59	National	2,782	Paul McDonnell, CEO
6	7	Barnhart Crane & Rigging	Memphis, TN	82	International	2,814	Alan Barnhart, CEO
7	8	Combined Transport	Central Point, OR	1	International	627	Michael S. Card, president
8	50	TNT Crane & Rigging	Houston, TX	44	International	1,760	Mark Irion, CEO
9	9	Deep South Crane & Rigging	Baton Rouge, LA	7	International	750	Jeremy Landry, president
10	10	HWH Transport	Tampa, FL	8	Regional	65	Clint Smith, general manager
11	13	Fagioli USA	Marvel, TX	4	International	144	Edoardo Ascione, president
12	11	Mammoet North America	Rosharon, TX	21	International	1,500	Tomas Villarino, managing director Americas projects
=13	12	Emmert International	Clackamas, OR	3	International	92	Terry W. Emmert, president
=13	12	Transport Bellemare International	Tross-Rivieres, Quebec City, Canada	7	International	500	Jean-Luc Bellemare, president
14	25	Bay Ltd	Corpus Christi, TX	8	International	4,500	Berry Peterson, vice president
15	15	Bragg Companies	Long Beach, CA	15	National	1313	Eric Peterson, vice president
16	24	NessCampbell Crane + Rigging	Hillsboro, OR	11	National	300	Mike McDonald, vice president
17	29	Sarens North America	Houston, TX	12	International	430	Thomas Baldree
18	16	Bigge Crane & Rigging	San Leandro, CA	23	National	915	Weston Settlemier, president/CEO
19	17	Tradelossa	Durango, DGO, Mexico	7	International	247	Carlos Carcamo Duran, sales director
20	14	Daily Express	Carlisle, PA	7	National	85	Matt Rea, vice president, operations
21	22	W.O. Grubb Crane Rental	North Chesterfield, VA	14	National	439	Kenneth Holmes, executive vice president, general manager
22	20	Northwest Logistics	Oklahoma City, OK	9	International	231	Andy Hodges, president
23	18	Edwards Moving & Rigging	Shelbyville, KY	6	International	125	Jason Edwards, CEO
24	21	DD&S Express *	Annapolis, MD	60	International	20	Rick Seleski, vice president
25	22	Lampson International	Kennewick, WA	7	International	300	William Lampson, president/CEO
26	26	BOSS Crane & Rigging	Longview, TX	7	National	230	Richard Miller, president
=27	27	Totran Transportation Services	Calgary, Alberta Canada	2	International	120	Scott Trousdale, vice president
=27	27	Mountain Crane Service	Salt Lake City, UT	1	National	63	Paul Belcher, CEO

* ACT estimate



DEDICATED TO THE DESIGN AND FABRICATION OF
▶ BOOM DOLLIES ▶ BOOM LAUNCH TRAILERS
▶ HEAVY HAUL TRAILERS ▶ SPECIALIZED TRAILERS

WEBSITE	MODULAR/ HYDRAULIC TRAILERS /DOLLIES		SPECIALIZED TRAILERS (ALL MULTI-AXLE)		# OF TRUCK/ TRACTORS	TOTAL CAPACITY US TONS	TOTAL # IN FLEET
	CAPACITY (US TONS)	# IN FLEET	CAPACITY (US TONS)	# IN FLEET			
www.landstar.com	1,980	29	90,285	2,727	9,180	92,265	11,936
www.bennettig.com	11,360	162	50,780	1,466	1,877	62,140	3,505
www.allcrane.com	21,950	325	79,975	2,146	445	101,925	2,916
www.atsinc.com	1,445	17	58,402	1,838	873	59,847	2,728
maximcrane.com	4,093	112	53,690	1,836	448	57,783	2,396
www.barnhartcrane.com	42,861	518	48,535	1,099	544	91,396	2,161
www.combinedtransport.com	1,305	385	5,150	281	562	6,455	1,228
www.tntcrane.com	2,949	155	13,856	631	421	16,805	1,207
www.deepsouthcrane.com	17,830	430	18,254	502	78	36,084	1,010
www.hwhtransport.com	19,690	408	17,560	423	93	37,250	924
www.fagioli.com	42,754	880	0	0	0	42,754	880
www.mammoet.com	72,987	479	10,276	320	42	83,263	841
www.emmertintl.com	29,522	589	10,300	123	93	39,822	805
www.groupebellemare.com	8,094	236	16,516	349	220	24,610	805
www.bayltd.com	23,325	516	14,315	632	171	37,640	803
www.braggcompanies.com	12,282	260	14,900	294	155	27,180	709
www.nesscampbell.com	4,680	90	12,125	472	130	16,805	692
www.sarens.com	19,697	535	2,118	65	45	21,815	645
www.bigge.com	4,110	105	17,440	370	130	21,550	605
www.tradelossa.com	11,530	258	8,716	182	153	20,246	593
www.dailyexp.com	280	4	16,110	360	225	16,390	589
www.wogrubb.com	5,247	104	15,486	363	116	20,733	583
www.northwestheavyhaul.com	3,232	73	12,081	325	180	15,313	578
www.edwardsmoving.com	18,420	329	10,413	186	60	28,833	575
ddsexpress.com	1,810	43	11,539	269	191	13,349	494
www.lampsoncrane.com	14,006	372	2,032	64	30	16,038	466
www.bosscrane.com	4,806	96	9,445	206	84	14,251	386
www.totran.ca	12,346	590	9,960	222	95	22,006	367
www.mountaincrane.com	7,526	110	4,922	200	57	7,531	367

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www.nelsontrailers.com

2023 RANK	2022 RANK	COMPANY NAME	CITY STATE	# OF TERMINALS	SCOPE OF OPERATION	# OF EMPLOYEES	SENIOR CONTACT
28	31	Berard Transportation	New Iberia, LA	5	National	80	Brett Berard, vice president, operations
29	32	Omega Morgan	Hillsboro, OR	9	International	725	Erik Zander, COO
30	28	Miller Transfer	Rootstown, OH	18	International	56	Mitchell J Unger, president
31	30	Bricker Transport	Laredo, TX	4	International	60	Brick Jones, CEO
32	31	J. F. Lomma Inc.*	South Kearny, NJ	5	National	170	Frank Signorelli, COO
33	33	Oxbo Inc.	Rosharon, TX	2	International	50	Keith Settle, CEO
34	34	Atlas Crane Service	Aurora, IL	5	National	220	Charles Kent, CEO
35	35	Southwest Industrial Rigging*	Phoenix, AZ	5	International	110	Harry Baker, president
36	36	Trans-United	Burns Harbor, IN	7	International	112	Jeffrey S. Fleming, president/CEO
37	37	MSA Delivery Services	Canton, MI	3	International	65	Jerry Rozum, president
38	38	Triton Transport	Chilliwack, BC, Canada	3	International	81	Jared Bragg, vice president/general manager
39	43	Buckingham Heavy Transport	Bernville, PA	3	Regional	50	Mike Brovont, sales and project manager
40	44	Borsheim Crane Service	West Fargo, ND	3	Regional	105	Tyler Goodman Jr., president
41	40	Roll Group	Dayton, TX	1	Regional	100	Ed Talbot, managing director, USA
42	39	Precision Heavy Haul	Tolleson, AZ	2	National	24	Mike Poppe, president
=43	41	Yarbrough Transfer Company	Winston-Salem, NC	2	Regional	70	David Yarbrough, president
=43	42	Turner Industries Group*	Baton Rouge, LA	5	National	294	Mike Morain, president
44	45	Taylor Crane & Rigging	Coffeyville, KS	2	International	107	Jim C. Taylor, president
45	48	Advanced Freight Dynamics	Conroe, TX	2	National	38	Steven Lyons, owner
46	46	Barr Specialized	Pinckneyville, IL	1	National	53	Joe Folden, COO
47	47	Marco Transport	Santa Ana, CA	2	Regional	34	Tim McVay, president
48	NEW	RGM Transport	Bethel, PA	1	National	63	Ryan Good, CEO
49	NEW	Palco Transportation	Pennington, NJ	3	National	13	Frank Palecek, president
50	NEW	TEFCO Transportation	Jacksonville, FL	2	Regional	25	Garrison Gaylord, president

* ACT estimate

except two. The number of and capacity of Modular/Hydraulic Platform Trailers/Dollies actually increased, showing that a lot of high capacity equipment was added to company fleets over the past year. For reference, take a look at the chart on page 25 that shows the history of the list from 2022 to 2024.

In terms of new companies, three were added to the 2024 **ACTTRANSPORT50**, including RGM Transport, Palco Transportation and TEFCO Transportation.

While the **ACTTRANSPORT50** is ranked by fleet size, capacity of fleet is also a big indicator of the types of specialized transportation fleets on

the list. Ranked by total capacity, the **ACTTRANSPORT50** top 10 are ALL Family of Companies, Landstar, Barnhart, Mammoet North America, Bennett Motor Express, ATS Specialized, Maxim Crane Works, Fagioli, Emmert International and Bay Ltd.

Trends and analysis

Other analysis of the 2024 **ACTTRANSPORT50**:

- M&A activity removed two companies. Barnhart acquired NCSG, and Omega Morgan acquired Intermountain Rigging and Heavy Haul.
- Aside from the omission of Daseke, the top 10 companies didn't change much.

Bennett Motor Express moved from Number 6 to Number 2.

■ TNT Crane & Rigging made a big leap to Number 8. TNT made its debut on the list last year.

■ Sarens moved up to 17 from 29, a substantial jump. The reason for this jump is that in 2023, the Sarens survey form included the fleet from Sarens USA. This year the numbers include the fleets of Canada and the USA, hence the title Sarens North America.

■ Other big gainers included Fagioli from 13 to 11; Bay Ltd, from 25 to 14; NessCampbell from 24 to 16; Berard Transportation from 31 to 28; Buckingham Transport from 43 to 39; Borsheim Crane

WEBSITE	MODULAR/ HYDRAULIC TRAILERS /DOLLIES		SPECIALIZED TRAILERS (ALL MULTI-AXLE)		# OF TRUCK/ TRACTORS	TOTAL CAPACITY US TONS	TOTAL # IN FLEET
	CAPACITY (US TONS)	# IN FLEET	CAPACITY (US TONS)	# IN FLEET			
www.berardtrans.com	12,308	260	2,596	54	44	14,904	354
www.omegamorgan.com	3,519	84	7,247	116	152	10,766	352
www.millertransfer.com	0	0	12,040	257	94	12,040	351
www.brickertransport.com	1,305	9	9,338	170	40	10,643	349
www.jflomma.com		5		286	49		340
www.oxbowinc.com	11,480	248	1,695	32	41	13,175	321
atlascrane.com	3,020	50	8,015	212	32	11,035	294
www.swirusa1.com	3,275	86	6,372	156	90	9,647	265
www.transunited.com	2,180	42	9,710	130	90	11,890	262
www.msadelivery.com	0	0	5,080	186	30	5,080	216
www.tritontransport.com	780	9	6,395	148	44	7,175	201
www.buckinghamtransport.com	5,935	135	5,090	38	22	11,025	195
www.borsheimcrane.com	653	9	4,030	104	27	4,683	140
www.roll-group.com	8,440	73	1,835	50	13	10,275	136
www.precisionheavyhaul.com	505	14	5,852	106	16	6,357	136
www.yarbroughtransfer.com	0	0	3,581	87	47	3,581	134
www.turner-industries.com	2,594	59	3,675	85	68	6,269	134
www.taylorcrane.com	3,025	18	3,073	76	25	6,098	119
www.afd-web.com	1520	10	4,200	72	35	5,720	117
www.barrcos.com	2,000	27	1,243	36	39	3,243	102
www.marcotrucking.com	0	0	3,505	50	32	3,505	82
www.rgmtransport.com	0	0	80	15	53	80	68
www.palcotransportation.com	1,513	10	1,399	13	20	3,137	56
www.tefcotranportation.com	200	2	925	20	20	1,125	42

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Service from 44 to 40; and Advanced Freight Dynamics from 48 to 45.

■ Due to ties in fleet size, 53 companies are represented on the 2024 ACTTRANSPORT50.

■ Landstar Transportation Logistics kept its long-time Number 1 spot with a fleet size of 11,936. In 2023, Landstar posted a fleet size of 12,970. Much of this reduction was in the category of truck/tractors, which went from 10,253 to 9,180.

Methodology

While most of the major players in the North American transportation sector are on our ACTTRANSPORT50 list, there are changes from year to

year based on participation. The ACTTRANSPORT50 is ranked by fleet size and then by total maximum transport capacity of all relevant trailers and transport systems in a company’s fleet (in U.S. tons).

The ranking is based on information supplied on our ACTTRANSPORT50 survey form. While we have worked to produce the most accurate ranking possible, we cannot guarantee the accuracy of the information supplied. We rely on the integrity and honesty of those who submit this information to assure our list is accurate and correct. This year we reached out to more than 450 firms by

email, telephone, social media and e-casts. In some cases, when data wasn’t available or updated, we marked these listings as estimates.

As with all our Top List databases, we made every effort to ensure the accuracy and completeness of the information published but the editors and staff take no responsibility for errors, omissions or incomplete information. ■

To participate in the 2025 ACTTRANSPORT50 please reach out to D. Ann Shiffler or Hannah Sundermeyer at d.ann.shiffler@khl.com or hannah.sundermeyer@khl.com.

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BY THE NUMBERS

20,781

Approximate number of people employed by the companies represented in the **SPECIALIZED LIFTING & RIGGING 50**.

1,127

Gantries and rubber tired gantries. (compared to 1,129 in 2023)

1,358

Strand jack units owned by the **SPECIALIZED LIFTING & RIGGING 50** (compared to 1,367 in 2023)

6,869

Pieces of other specialized lifting equipment (not classified as a gantry or strand jack) (compared to 6,471 in 2023)

1,656,082

Total capacity of every unit owned by every company on the list. (compared to 1,643,070 tons in 2023)

PHOTO: BARNHARTT

Merger and acquisition activity governed the rankings of the 2024 **ACT**

SPECIALIZED LIFTING & RIGGING 50.

SPECIALIZED LIFTING & RIGGING 50

As infrastructure and construction projects across North America push the boundaries with heavier and taller components and equipment, the specialized lifting and rigging sector must get more creative and ingenious in the solutions they provide. This means more “out of the box” thinking, analysis and engineering. And more equipment. The participating companies in our 2024 **SPECIALIZED LIFTING & RIGGING 50**, are prime examples of the problem solving industry experts that routinely tackle complicated projects. The 2024 **SLR50** reflects a lot of change in the industry over the past year. Several companies have expanded their fleets through mergers and acquisitions.

Joining forces

Others have purchased new and used equipment to fortify their fleets.

The 2024 **SLR50** set a record for total capacity at 1,656,082 tons. This represents a slight increase of 13,012 tons since 2023. The number of employees has also seen a direct surge due to merger activity, jumping from 15,635 last year, to 20,781. The number of gantries and rubber-tired gantries has seen a minimal drop, clocking in at 1,127 units compared to 1,129 the previous year. Approximately 1,358 strand jack units are owned by the **SPECIALIZED LIFTING & RIGGING 50**

as compared to 1,367 in 2023. Some 6,869 pieces of other specialized lifting equipment (not classified as a gantry or strand jack) are owned by these companies as compared to 6,471 in 2023.

Mash-ups

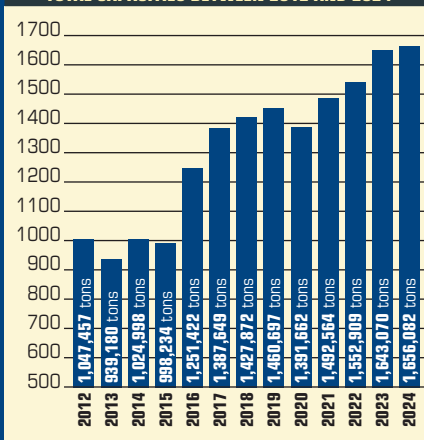
Barnhart Crane & Rigging is sweeping the lifting, rigging and specialized transportation sector with its second acquisition of 2024 and fifth since May 2023. CR Holland dropped from the **SPECIALIZED LIFTING & RIGGING 50** as their fleet was merged with the Tennessee-based company this year.

>66

TOP 10: LARGEST CAPACITY UNIT

RANK	NAME OF COMPANY	MAKE/MODEL OF LARGEST SPECIALIZED LIFTING UNIT	CAPACITY OF LARGEST LIFTING UNIT (U.S. TONS)	SPECIALIZED LIFTING INDEX (U.S. TONS)
1	FAGIOLI USA	Fagioli Self-Propelled Skid System	70,000	306,000
2	OXBO MEGA TRANSPORT	Oxbo Heavy Skid System	17,325	47,875
3	DEEP SOUTH	Deep South Specialized Jack System	16,000	50,900
4	BAY LTD.	Dorman Long Strand Synchronized Lift	15,400	47,250
5	BUCKINGHAM HEAVY TRANSPORT	Unified Hydraulic Jack Machine	10,500	12,200
6	BARNHART CRANE & RIGGING	Barnhart Modular Lift Tower	6,000	303,114
7	OMEGA MORGAN	Heavy Slide System	6,000	12,600
8	MAMMOET NORTH AMERICA	Mammoet Lift System	5,732	372,800
9	BERARD TRANSPORTATION	Enerpac Syncrolift	4,000	13,000
10	EMMERT INTERNATIONAL	Emmert Lift System	3,250	82,350

TOTAL CAPACITIES BETWEEN 2012 AND 2024



SPECIALIZED LIFTING & RIGGING 50

2024	2023	NAME OF COMPANY	LOCATION	# OF DEPOTS	SCOPE OF OPERATION	# OF EMPLOYEES	SENIOR CONTACT
1	▶ 1	MAMMOET AMERICAS	USA	29	Worldwide	2,500	Martijn Kuipers, managing director
2	▲ 3	FAGIOLI, INC.	USA	4	Worldwide	114	Edoardo Ascione, president & CEO
3	▼ 2	BARNHART CRANE & RIGGING	USA	64	National	1,800	Alan Barnhart, CEO
4	▶ 4	EMMERT INTERNATIONAL	USA	3	Worldwide	100	Terry Emmert, president
5	▶ 5	LGH	USA	30	Worldwide	455	Ryan Group, vice president of sales
6	▶ 6	EDWARDS MOVING & RIGGING	USA	9	Worldwide	135	Jason Edwards, CEO
7	▶ 7	DEEP SOUTH CRANE & RIGGING	USA	8	Worldwide	750	Mitch Landry, president
8	▶ 8	DXBO MEGA TRANSPORT SOLUTIONS	USA	2	Worldwide	46	Keith Settle, chief executive officer
9	▶ 9	BAY LTD.	USA	6	Worldwide	4,800	Berry Peterson, vice president
10	▲ 11	ENGINEERED RIGGING	USA	4	Worldwide	25	Christopher Cox, P.E., president
11	▼ 10	SARENS USA	USA	4	Worldwide	75	Lee Rowe, regional director
12	▲ 14	DORAL EQUIPMENT	USA	2	National	25	Rob Keelan, vice president
NEW	NEW	ROLL GROUP	USA	7	Worldwide	350	Edward Talbot, managing director, USA
14	▼ 13	BELLEMARE TRANSPORT, ENGINEERING & LOGISTICS*	CANADA	6	Worldwide	40	Jean-Luc Bellemare, president
15	▶ 15	LAMPSON INTERNATIONAL	USA	7	Worldwide	300	Kate Lampson, director of strategic communication
16	▶ 16	BERARD TRANSPORTATION	USA	4	National	70	Brett Berard, vice president of operations
17	▲ 19	IRM INDUSTRY MOVERS	MEXICO	2	Worldwide	150	David González, CEO and president
18	▲ 24	OMEGA MORGAN	USA	8	National	725	Erik Zander, COO
19	▼ 17	RIGGING GEAR SALES	USA	1	Worldwide	16	Ben Forster, vice president
20	▼ 12	BUCKINGHAM HEAVY TRANSPORT (A DIVISION OF WOLFE HOUSE MOVERS)	USA	4	Regional	55	Mike Brovont, senior sales manager
21	▼ 18	TAYLOR CRANE & RIGGING	USA	2	National	101	Jim C. Taylor, Jr., founder
22	▼ 20	GLOBAL RIGGING & TRANSPORT	CANADA	4	Worldwide	60	Andrew Johnson, president, Canadian operations
23	▼ 22	RIGGERS GROUP	MEXICO	3	Worldwide	60	Hector R. Tores DaVila, vice president
24	▼ 23	INTERNATIONAL INDUSTRIAL CONTRACTING CORPORATION	USA	3	Worldwide	350	Brian Jardine, president
25	▶ 25	PSC CRANE & RIGGING	USA	3	National	250	Randy Sever, executive vice president
26	▶ 26	TNT CRANE & RIGGING	USA	43	National	1,750	Mike Irion, CEO
27	▶ 27	NORRIS BROTHERS CO.	USA	1	Regional	80	M. Courtney Norris, PE
28	▲ 31	MEI RIGGING & CRATING	USA	18	National	1,400	Doug Dayton, CEO
29	▼ 28	ADVANCED RIGGING & MACHINERY MOVERS	USA	1	Regional	25	Matthew Hinty, president
30	▼ 21	ERICKSON'S	USA	4	Regional	60	Steve Erickson, president
31	▼ 29	DUFFY CRANE & HAULING	USA	3	Regional	97	Rob Cummings, vice president
32	▼ 30	MAXIM CRANE WORKS	USA	49	National	2,903	Paul McDonnell, CEO
33	▼ 32	MID-ATLANTIC LIFT SYSTEMS	USA	1	Worldwide	4	Travis Hall, president
34	▶ 34	PRO-LIFT RIGGING	USA	10	National	223	Matthew Brennan, president
35	▲ 36	PROCESS GROUP*	CANADA	3	Canada	275	Bryan Snyder, vice president of construction
36	▲ 37	CSE INC.*	USA	5	National	225	Chris Stinnette, executive vice president
37	▲ 41	AME INC.	USA	4	Worldwide	217	Jason Walker, senior director
38	▲ 40	SOUTHWEST INDUSTRIAL RIGGING*	USA	4	National	170	Harry Baker, president

* estimated

WEBSITE	# OF RUBBER TIRED GANTRIES	# OF GANTRIES	# OF OTHER SPECIALIZED LIFTING UNITS	# OF OTHER STRAND JACK UNITS	MAKE/MODEL OF LARGEST SPECIALIZED LIFTING UNIT	CAPACITY OF LARGEST SPECIALIZED LIFTING UNIT (U.S. TONS)	SPECIALIZED LIFTING INDEX (U.S. TONS)
www.mammoet.com	0	20	305	550	Mega Jacks	5,732	372,800
www.fagioli.com	0	18	178	596	Fagioli Self-Propelled Skid System	70,000	306,000
www.barnhartcrane.com	0	93	812	37	Barnhart Modular Lift Tower	6,000	303,114
www.emmertintl.com	0	16	1,055	4	Emmert Lift System	3,250	82,350
https://rentlgh.com	50	585	685	0	Enerpac EVO Synchronous Lifting System	4,000	70,000
www.edwardsmoving.com	0	12	606	4	Hydrospex Strand Jack System	880	69,857
www.deepsouthcrane.com	1	8	107	13	Deep South Specialized Jack System	16,000	50,900
www.oxboinc.com	1	3	31	18	Oxbo Heavy Skid System	17,325	47,875
www.bayltd.com	0	2	3	14	Dorman Long Strand Synchronized Lift System	15,400	47,250
www.EngineeredRigging.com	0	5	39	12	Enerpac JS 500 Jack Up System	2,200	33,270
www.sarens.com	0	0	2	27	SGC 250	5,000	31,875
www.doralequipmentrental.com	0	0	116	0	Versa-Lift 100/140	70	22,585
www.roll-group.com	0	7	5	3	Roll Group Modular Gantry System	4,000	22,000
www.groupebellemare.com	4	6	607	10	Hydra Slide HT500	1,000	20,000
www.lampsoncrane.com	0	4	8	0	E-Z Lift	2,400	13,500
www.berardtrans.com	0	4	8	0	Enerpac Syncrolift	4,000	13,000
www.irminustrial.com	0	3	223	0	J&R Engineering /1001-4-34	500	12,700
www.omegamorgan.com	0	13	52	1	Heavy Slide System	6,000	12,600
www.rgsinc.net	0	102	196	0	Lift Systems HH1000	1,000	12,342
www.buckinghamtransport.com	0	2	18	0	Unified Hydraulic Jack Machine	10,500	12,200
www.taylorcrane.com	0	10	210	0	Enerpac EVO Sync Lift System	2,400	11,103
www.globalrigging.com	0	0	10	11	GRT Containerized Transport	2,400	10,000
www.riggers.mx	0	4	98	49	J&R Engineering Lift N Lock gantry L1200	600	9,800
www.iiccusa.com	0	6	664	0	Riggers EZ-Lift 600-33	600	9,660
www.pscind.com	0	4	173	0	Hydra-Slide JS250 "Up 'N Go"	1,000	8,380
www.tntcrane.com	0	12	75	0	Enerpac SBL 1100	1,100	7,200
www.norrisbr.com	0	3	8	0	Lift System	800	6,695
www.meiriggingcrating.com	0	18	188	0	J&R Engineering Lift-n-Lock gantry	500	6,184
www.advanced-rigging.com	2	13	240	0	Hydraspec FS404/270	400	5,950
www.ericksonsgcr.com	0	4	15	0	Enerpac SBL 1100	1,180	5,000
www.duffycrane.com	3	3	10	5	Demag AC-350	400	3,860
www.maximcrane.com	4	20	20	0	J&R Lift-N-Lock Gantry 1402	700	3,300
www.midatlanticlift.com	0	32	12	0	Lift Systems 34PT5400WT	500	3,258
www.prolifrigging.com	0	3	42	0	Lift Systems 44A Gantry	400	2,262
www.processgroup.ca	0	6	6	0	Lifting Tower	1,000	2,130
www.cseonline.net	0	1	6	0	J&R Engineering Lift & Lock gantry	900	2,000
www.ameonline.com	0	4	7	0	Lift Systems 75-ton Twin-Lift	75	1,750
www.swirusa.com	0	4	7	0	Lift Systems 850	850	1,332

Editor's Note: American Cranes & Transport is not responsible for errors or omissions. >68

TOP 10: NUMBER OF GANTRIES

RANK	NAME OF COMPANY	TOTAL NUMBER OF GANTRIES	SPECIALIZED LIFTING INDEX (U.S. TONS)
1	LGH	585	70,000
2	RIGGING GEAR SALES	102	12,342
3	BARNHART CRANE & RIGGING	93	303,114
4	MID-ATLANTIC LIFT SYSTEMS	32	3,258
5	MAMMOET NORTH AMERICA	20	372,800
6	MAXIM CRANE WORKS	20	3,300
7	FAGIOLI USA	18	306,000
8	MEI RIGGING & CRATING	18	6,184
9	OMEGA MORGAN	13	12,600
10	EDWARDS MOVING & RIGGING	12	69,857

Omega Morgan also made headlines in late 2023 after purchasing Intermountain Rigging and Heavy Haul, bumping one of the SLR50’s longtime participants from the rankings. Omega Morgan made the jump from the Number 24 spot last year, to Number 18 this year.

Another standout shake-up includes the streamlining of the Buckingham Heavy Transport fleet, as the company

fell in the rankings from Number 12 last year, to Number 22 this year.

New to the list this year is Roll Group. With a SLR50 index of 22,000 tons, the Netherlands-based company operates its North American headquarters in Dayton, TX. Roll Group regularly performs complex lifting and rigging projects across the country and often designs and produces its own equipment like the Roll Group Modular Gantry System. ■

METHODOLOGY

ACT began distributing survey forms for the **SPECIALIZED LIFTING & RIGGING 50** list via email in January 2024 and followed up with phone calls and more emails in February. The companies that completed and returned these surveys over the course of the last two months were included in this year’s list.

For companies that didn’t update their data, we used information from our 2023 list. In these cases, an asterisk appears next to that company’s name. As a result, the SLR50 is an estimate.

While every effort was made to ensure the accuracy and completeness of the information in this list, ACT, its editors and publishers do not assume responsibility for any errors or omissions. We strive to improve this list, as well as our other annual lists, every year.

2025

To be a part of our 2025 SLR50, email the editor, D. Ann Shiffler, to request a survey form. She can be reached at d.ann.shiffler@khl.com. Or you may email Hannah Sundermeyer at hannah.sundermeyer@khl.com



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CRANE & RIGGING WORKSHOP



SEPT 23-25 2025 | JW MARRIOTT
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Eight months into 2024, our TOWERCRANE50 shows a slight retraction from 2023. While some companies did add tower cranes to their fleets, most stayed the same or even sold off a few units. It's apparent that companies have right-sized their fleets to meet market demands. While all the indexes are down, the drops are minimal. The total fleet index in 2023 was 2,457, dropping to 2,447 units this year. Branches declined by only two locations, dropping from 283 to 281. But employee counts declined more significantly, from 10,112 in 2023 to 9,440 in 2024.

The top four tower crane companies in North America have maintained their same ranking for yet another year. Morrow Equipment continues to anchor the Number One spot in 2024. Morrow has held the top spot since the inception of the TOWERCRANE50. Number 2, 3 and 4 are Maxim Crane Works, Uperio North America and ALL Family of Companies.

Morrow saw a decrease of 10 tower cranes in their fleet in comparison to 2023, while Maxim dropped from 337 to 309. ALL grew their fleet by six tower cranes, jumping from 104 to 110 units.

Ranking factors

Our **TC50** index is a reliable indicator of the market, and the best description for the current market is flat. In June 2024 at the Tower Crane North America event in Nashville, Tennessee, ALL Tower Crane's Sam Moyer described the market as "driving with the parking break on." The market for tower cranes is active but cautious.

City skylines across North America are still punctuated with tower cranes. The lull in the market has not stopped major tower crane manufacturers from

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A slight retraction has occurred in the market.

Hannah Sundermeyer reports.

Still



Largest tower cranes (by capacity)

2024 RANK	COMPANY	LARGEST TOWER CRANE	CAPACITY (MT)
1	J.F. LOMMA INC.	Favco M1280	165
2	SARENS	Sarens HLTC 2400	128
=3	MORROW EQUIPMENT	Liebherr 710 HC-L 32/64	64
=3	STAFFORD CRANE GROUP	Potain MD1400	64
=4	MAXIM CRANE WORKS	Wolff 1250B	60
=4	WOLFFKRAN	Wolff 1250B	60
=4	SELECT CRANE	Wolff 1250B	60
=4	RELIABLE CRANE SERVICE	Wolff 1250B	60
=4	MORWEST CRANE & SERVICES	Wolff 1250 B	60
5	U.S. CRANE & RIGGING*	Favco M440D	55
=6	BIGGE CRANE & RIGGING	Comedil CTT 721-40B	40
=6	RAPICON TOWER CRANES WEST	Potain MD 560-40	40
7	ML CRANE GROUP*	Terex Peiner SK575	35
=8	LEAVITT CRANES	Terex CTL 630	32
=8	ALL FAMILY OF COMPANIES	Potain MR 608	32
=8	RMS CRANES	Potain MR 608	32
=8	OXFORD BUILDERS SUPPLIES	Terex Comedil CTL630	32
=8	SKYCRANE LIMITED	Sun STT-753	32
=8	B&G EQUIPMENT AND SUPPLY	Terex Peiner SK415	32
=8	LIBERTY EQUIPMENT	Potain MR 605 B	32
9	CUSTOM SERVICE CRANE	Wolff 355B	28
=10	UPERIO NORTH AMERICA	Potain MD 569	25
=10	REYNOLDS CRANE AND RIGGING SERVICE	Potain MD 569	25

THE NUMBERS TOWER CRANES

2,447

BRANCHES

281

EMPLOYEES

9,440

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towering



Finco's Wolff 6031.12 works at a jobsite in San Francisco.

2024 ACTTOWERCRANE50

2024 RANK	2023 RANK	COMPANY	NO. OF DEPOTS	NO. OF EMPLOYEES	COUNTRY	SCOPE OF OPERATION
1	▶ 1	MORROW EQUIPMENT COMPANY	23	366	USA	Worldwide
2	▶ 2	MAXIM CRANE WORKS	60	2,585	USA	National
3	▶ 3	UPERIO NORTH AMERICA	7	120	USA	National
4	▶ 4	ALL FAMILY OF COMPANIES	29	1,600	USA	Worldwide
5	▲ 6	STAFFORD CRANES GROUP	8	151	USA	Worldwide
6	▼ 5	BIGGE CRANE AND RIGGING COMPANY	23	895	USA	National
7	▶ 7	LEAVITT CRANES	3	43	Canada	Worldwide
8	▶ 8	MORWEST CRANE & SERVICES	6	99	Canada	Worldwide
9	▶ 9	CREATIVE LIFTING SERVICES	1	25	USA	Worldwide
10	▲ 11	OXFORD BUILDERS SUPPLIES	5	250	Canada	National
11	▼ 10	RMS CRANES	5	320	USA	Regional
12	▲ 15	ROCKY MOUNTAIN CRANE & EQUIPMENT RENTAL	1	22	USA	Regional
13	▼ 12	LEWIS CRANE AND HOIST	1	80	USA	Regional
14	▼ 13	U.S. CRANE & RIGGING*	2	500	USA	National
15	▲ 22	WOLFFKRAN	3	16	USA	National
16	▼ 14	RAPICON TOWER CRANES WEST	1	83	Canada	National
17	▶ 17	RELIABLE CRANE SERVICE	5	245	USA	National
18	▼ 16	BLUE HAT CRANE & EQUIPMENT RENTAL	6	92	USA	National
19	▲ 20	SKYCRANE LIMITED	2	11	Canada	Worldwide
20	▲ 23	BRONSON CRANE	1	8	USA	Regional
21	▶ 21	B&G EQUIPMENT AND SUPPLY	6	17	USA	National
22	▲ 24	LIBERTY EQUIPMENT (FORMERLY FUSE EQUIPMENT)	4	40	USA	National
23	▼ 18	BIGFOOT CRANE COMPANY	1	43	Canada	National
24	▼ 19	J.F. LOMMA	9	190	USA	Worldwide
25	▶ 26	ALLIED CRANE	2	15	Canada	National
26	▶ 25	ML CRANE GROUP*	11	500	USA	National
27	▶ 27	RAPICON*	2	10	Canada	National
28	▶ 28	GUAY	24	650	Canada	National
29	▶ 29	ROYCAP MACHINERY	1	6	Canada	Regional
30	▲ 31	IDEAL CRANE RENTAL	6	110	USA	Regional
31	▲ 32	NORTH AMERICAN CRANE & RIGGING	4	70	USA	National
32	▼ 30	REYNOLDS CRANE AND RIGGING SERVICE	2	75	USA	Regional
33	▶ 33	MID-CONTINENT CRANE	1	16	USA	National
34	▶ 34	CUSTOM SERVICE CRANE	4	50	USA	Regional
35	▶ 35	CRANE TECH SOLUTIONS	2	25	USA	Regional
36	▶ 34	SARENS	6	451	USA	Worldwide
37	▶ 37	JCRANE*	2	33	USA	Regional
38	▶ 38	FINNCO SERVICES	1	20	USA	National
39	▶ 39	CONNELLY CRANE RENTAL	3	50	USA	Regional
40	▶ 40	SELECT CRANE SALES	4	17	USA	Worldwide

* ACT estimate

producing new models. Jaso, Potain, Liebherr, Wolffkran and Terex have rolled out new models over the past year.

Stafford Tower Crane, formerly Stafford Soima, saw a slight jump in the rankings as the company swapped places with Bigge Crane and Rigging for the fifth-place spot on the list.

One of the more significant ranking change-ups saw Wolffkran climb (quite literally) from Number 22 to Number

15, with a fleet size of 45 tower cranes. The company reported a fleet of 34 in 2023. Celebrating its 170th anniversary this year, Wolffkran moved its North American headquarters to Houston in 2023, a move that makes the company closer to the markets it serves.

Status quo

While most companies on the **ACTTOWERCRANE50** moved up or down the list, 20

maintained their ranking from 2023. Bigfoot Crane Company and J.F. Lomma dropped from 18th to 23rd and 19th to 24th, respectively.

While there were no newcomers to the list this year, the five newcomers added to the **ACTTOWERCRANE50** in 2023 have secured their spots as repeat participants in 2024. This includes Morwest Crane & Services, Rapicon Tower Cranes West, Mid-Continent Crane, Finnco Services and Liberty

SENIOR CONTACT	WEBSITE	LARGEST TOWER CRANE IN FLEET	LARGEST TOWER CRANE CAPACITY (MT)	NUMBER OF TOWER CRANES IN FLEET
Peter Juhren, President and COO	www.morrow.com	Liebherr 710 HC-L 32/64	64	582
Paul McDonnell, CEO	www.maximcrane.com	Wolff 1250B	60	309
Kelly Hadland, Manager	www.uperiousa.com	Potain MD 569	25	140
Michael L. Liptak, President	www.allcrane.com	Potain MR 608	32	110
Greg Linaman, CEO	www.staffordcranegroup.com	Potain MD1400	64	101
Weston Settlemier, CEO	www.bigge.com	Comedil CTT 721-40B	40	99
Erick Zampini, General Manager	www.leavitcranes.com	Terex CTL 630	32	77
Wayne Morin, President	www.morwestcraneandservices.com	Wolff 1250 B	60	77
Kelly Webb, President	www.creativelifting.com	Saez TLS-65	10	71
Mike Demelo, Senior Vice President	www.oxfordbuilders.ca	Terex Comedil CTL 630	32	59
Michael Willenborg, President	www.rmscrans.com	Potain MR-608	32	53
Dusty Bitton, Owner	www.rockymtncranes.com	Potain MDT 219	10	51
Logan Lewis, President & CEO	www.LewisCraneandHoist.com	Moritsch RTT 520	22	50
Thomas Auringer, Owner	www.uscraneriggingllc.com	Favco M440D	55	49
Michael Herget, President	www.wolffkran.com	Wolff 1250 B	60	45
Ryan Hague, President	www.rapiconwest.com	Potain MD 560-40	40	42
Darrell Shaw, CEO	www.reliablecraneservice.com	Wolffkran 120B	60	41
Henry Volante, Equipment Operations Director	www.bluehatcrane.com	Linden Comansa 21LC600	20	37
Jim Howard, President	www.towercranes.net	Sun STT-753	32	36
Judd Wagstaff, Manager	www.bronsoncrane.com	MDT219 J10	10	35
JR Moran, Director of Crane Operations	www.bgequipmentsupply.com	Terex Peiner SK575	32	34
John Riels, National Director of Equipment	www.libertycsllc.com	MR 605B	32	31
Ryan Burton, Managing Director	www.bigfootcrane.com	Potain MDT 219/J10	10	30
Frank Signorelli, Chief Operating Officer	www.jflommainc.com	M1280 Favco Tower Crane	165	30
Derek Kasa, CEO	www.alliedcraneltd.ca	Jaso J560	24	30
Dave Matz, Owner and President	www.mlcranegroup.com	Terex Peiner SK575	35	29
Bernard (Red) Emond, President	www.rapicon.ca	Potain MDT-389L16	16	25
Jean-Marc Baronet, President	www.guay.com	Terex Peiner SK415	20	24
Charlie Collura, General Manager	www.capitalcranecorp.com	Terex CTT 331-16	16	24
Robert Kalhagen, President	www.idealcranerental.com	Liebherr 125 K	9	22
Louis Izzo, CEO	www.nacrane.com	Potain MD 559	20	21
Nate Reynolds, Vice President	www.reynoldscrane.com	Potain MD 569	25	20
Dave Bell, CEO	www.mccrane.cc	Moritsch RTT 470	24	17
Randy Huffman, Vice President	www.customservicecrane.com	Wolff 355B	28	15
Robert Kohler, Vice President	www.cranetechsolutions.com	JASO J560	24	10
Lee Rowe, Regional Director	www.sarens.com	Sarens HLTC 2400	128	10
Jack Stull, President	www.jcrane.com	San Marco SMT 520	5.5	8
Art Torres, Vice President	www.finnco.com	Wolffkran 8033	20	6
Mike Connelly, President	www.connellycrane.com	Potain MDT 248	10	4
Jason Mackenzie, President	www.selectcrane.com	Wolffkran 1250 B	60	3

Equipment, which previously operated as FUSE Equipment.

Methodology

The ACT team gathers data year-round for the **ACTTOWERCRANE50**.

Starting in June of each year, we send out survey forms to companies that we know own tower cranes. Our database contains about 250 companies in the realm of tower crane operations.

Disclaimer

Like all of our lists, we work very hard to ensure the accuracy of the information submitted to us. ACT and its editors are not responsible for inaccuracies or errors in these lists. We hope to continually grow this list. If your company has one or several tower cranes, it you should be on this list. To receive a 2025 survey form, please email D. Ann Shiffler at d.ann.shiffler@khl.com or Hannah Sundermeyer at hannah.sundermeyer@khl.com.

Some companies choose not to participate in our **ACTTOWERCRANE50** ranking, and we respect their decision

to keep fleet information private. Editorially, we cover the tower crane industry several times a year, and we would love to hear from you.

Around the world, super huge lifts are being performed that could only be accomplished by a super heavy lift crane. Such is the case at the Hinkley Point C Nuclear Power Station in the United Kingdom, at a semiconductor plant in Phoenix, AZ and at a refinery in India, to name a few.

Cranes on these jobs include the Sarens SGC-250, the Manitowoc 31000 and the Mammoet PTC210-DS, respectively. Deep South Crane & Rigging deploys its 3,000-ton capacity VersaCrane to oil and gas refinery projects as does Lampson International with its Transi-Lift mega cranes.

“Demand is increasing for mega cranes in the United States,” said Lampson International’s Kate Lampson. “We are starting to see an uptick in requests for our Lampson Transi-Lift in a number of industries and for various applications.”

A growing need

The demand for super heavy lift cranes can be influenced by various factors, contends Carl Sarens, director of technical solutions, projects and engineering, for Sarens.

“Whether there is a growing need depends on the trends and developments in key industries,” he said. “There are several indications that currently contribute to a growing need for super heavy lift cranes such as the expansion of renewable energy and a push for net-zero

Needed around the world to service super huge lifting projects, mega crane demand is on the rise. **D. Ann Shiffler** reports.

The big heavies



MEGA CRANE MODELS				
MODEL	MAXIMUM HOOK HEIGHT (M)	BOOM LENGTH MIN/MAX (M/M)	CAPACITY METRIC TONS	CAPACITY US TONS
MANITOWOC 31000	154.6	55/150	2300	2535
SARENS SGC-90	180M (MB 130M + LDJ 59.5M)	MB 100 - 120 - 130	2325	2563
LAMPSON LTL-2600	142.3	67.0/140.2	2358	2600
LIEBHERR LR 12500-1.0	200	60/162	2500	2750
DEEP SOUTH VERSACRANE TC 36000/2	228 M	88.3M/228M	2721	3000
LIEBHERR LR 13000	236	60/144	3000	3300
MAMMOET MSG80-DS	142M	50M/142M	3100	3420
TADANO CC 88.3200-1	222	54 / 234	3197	3525
SARENS SGC-140	210M (MB 130M + HDJ 99.5M)	MB 88.9 - 118 - 130	3200	3527
SARENS SGC-120	210M (MB 130M + HDJ 99.5M)	MB 88.9 - 118 - 130	3200	3527
MAMMOET SK190	213M	89M/242M	4300	4740
MAMMOET PTC150-DS	208M	83M/206M	4500	5000
MAMMOET PTC210-DS	248M	83M/246M	4500	5000
MAMMOET SK350	231M	89M/242M	5000	5511
SARENS SGC-250	235M (MB 160M + HDJ 99.5M)	MB 118 - 160	5000	5511
MAMMOET SK6,000	183M	131M/175M	6100	6725
HLCC*	LRG 7500	91/270	6820	7500
HLCC*	LRG 7500	91/270	6820	7500

*a division of Buckner Heavy Lift Cranes and Van Es Group

emissions globally, a surviving-and-still-thriving oil and gas and petrochemical market. It’s important to note that these trends and needs may evolve over time based on economic conditions, technological advancements and shifts in global priorities.”

Lampson said that supply chain issues and restrictions on certain industries continue to challenge this market. “Although the supply chain appears to be recovering post COVID, it is slow to recover and there are still regular delays and challenges,” she said. “With the policies of the current Administration, we do anticipate that work in the oil and gas industry may continue to have challenges.”

Sarens pointed to the “literal massiveness” of these cranes and their mobilization as a challenge of doing business in this market.

“Their assembly is a project in itself,” Sarens said. “For a heavy lift crane to be engaged for a project, a first requirement is for the job at hand to justify the mobilization of such a crane.

The market for mega cranes is small but demand for these specialized lifters is growing.
PHOTO: LIEBHERR



The French connection

Sarens is currently undertaking a project of iconic significance for the modernization of the national rail network in France. As part of the project, first the two century-old rail bridges weighing 468 metric tons each – the Pont de Chartres for RER line B and Pont de Gallardon for RER line C – will be dismantled. Next, two new bridge sections will be installed. The two new bridges will allow the passage of faster and more efficient trains in two Paris lines that are used by a total of over 1.5 million people daily in the metropolitan area of Paris. The comfort of local residents will also be improved, with a reduction in traffic noise and vibrations.

The available area in between the busy road and the railway track was a challenge, along with the low ground bearing pressure. The Sarens SGC-90, a fully electric and silent ring crane, was shortlisted to tackle these challenges and execute the project.

The SGC-90, also known as “Little Celeste,” reached the Port of Rouen from Indonesia and was then transported via trucks to Massy in France. An AC100, LR1200, and CC2800 completed the assembly of the SGC-90 with 100-meter main boom configuration in eight weeks.

According to Sarens Senior Project Manager Dirk Vinck, “It was very challenging to assemble the crane in the limited area available. The ground was prepared with mats to adjust the ground bearing pressure. To maintain safety during the project, heavy tackle, weighing a total of 260 tons, was used to connect old and new bridges to the crane hook.”

Sarens worked on the first phase of the project, involving the dismantling of the two old bridges, this past July 2023. The SGC-90 lifted the two bridge sections and set them down on SPMTs. The SPMTs then drove the old bridge sections to the area where they were finally taken away for scrapping. In the second phase, beginning August, the two new bridge sections will be lifted into position. The bridges weigh 1,375 metric tons (Chartres) and 949 metric tons (Gallardon) and are preassembled on the other side of the road. These sections will be transported closer to the SGC-90 by SPMTs.

Sarens Giant Crane, Little Celeste, replaces two enormous century-old rail bridge sections in Massy, France.



“ Whether there is a growing need depends on the trends and developments in key industries... ”

The Lampson International LTL-2600 made 1,000-ton lifts at the Plant Vogtle jobsite in Burke County, GA.



The sky's the limit

Sarens said the demand for super heavy lift cranes is growing undoubtedly, but certain commercial conditions must be met which often involve the length of the crane's operation on a project for its mobilization to make sense.

“At Sarens, most of our Giant Cranes are containerizable, which minimizes the impact mobilization has on the lifecycle of a project,” Sarens said. “Furthermore, it also reduces the carbon footprint of the project.”

Another challenge is the lead time required to secure a project and to get the crane ready to work.

Lampson said schedules for mega cranes tend to vary based on the industry the crane is operating in and the application for which it is being used. Big jobs of late have been stadiums, the nuclear sector, the offshore wind sector, the offshore oil and gas sector, the civil sector and other

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The Sarens SGC-90, a fully electric and silent ring crane, was short listed to tackle challenges and execute a project to dismantle two old railroad bridges and replace two new bridge sections.

infrastructure projects. The sky is the limit for these cranes and their huge lifts.

Big and getting bigger

Today, about 20 to 25 mega cranes are available to work around the world. But do the owners and makers of these cranes anticipate a future need for larger capacity mega cranes?

“The short answer is that we certainly do,” said Sarens. “Human ingenuity in engineering, especially when it comes

from seasoned experts, knows no boundaries. Electrification of our ring crane fleet is underway with several already being capable of running on electricity. The relentless development of technologies around super heavy lift cranes is a response to a demand that we

don’t see going down anytime soon.”

Over the next five years, Lampson and Sarens anticipate the workload for super cranes will increase.

“The most likely scenario is that the demand for these cranes will grow,” said Sarens. “We recently saw the United States enter the offshore game with the first offshore wind park to be created on the East Coast. Europe has been a pioneer in offshore wind, and we believe that this trend will grow in other continents as well. Sarens sees an imminent increased demand for super heavy lift cranes for this sector in the next five years.”

Lampson is seeing a demand for their Transi-Lift in the 1,500 to 2,600-ton capacity range for the construction of power plants, replacement of components at refineries, new stadium construction, infrastructure projects, wind tower erection, bridge work, lock replacements at dams and off-shore oil platforms.

Small but growing market

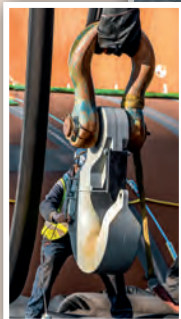
Liebherr manufactures many classes of cranes, including for the mega crane market. Currently the company produces two cranes in the more than 2,000-ton capacity range, the LR 12500-1.0 and the LR 13000.

Crawler Crane Product Manager Jens Könneker contends the market for cranes with capacities in excess of 2,000 tons is small, but growing, and it will continue to do so.

Liebherr is focusing on the megatrend of expanding renewable energies, which

Pipe down

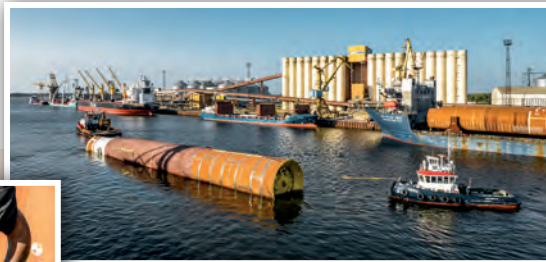
Around 30 kilometers northeast of Rügen, a German island in the Baltic Sea, is where Dutch company Van Oord is building the foundations for the Baltic Eagle offshore wind farm. Van Oord will construct 50 wind turbines with a capacity of 476 megawatts that will supply electricity for 475,000 households. The wind farm is set to go online by the end of 2024, according to the operator Iberdrola, a Spanish energy provider. But there’s still a lot of work to be performed at sea and on land before the project starts producing energy.



Two Liebherr crawler cranes are operating at full power performing port handling on the Baltic coast. This deployment marked the premier of Liebherr’s new LR 12500-1.0.

At the coastal city of Rostock, the lattice booms of the two machines rise steeply into the sky. But the orientation becomes more difficult when in the actual port area, with the view obscured by steel pipes as tall as houses, stacked close together. The pipes will be driven into the seabed at sea and will later support the offshore turbines. The monopiles float on their way to the construction site in the sea. They are towed by a tugboat about 85 nautical miles to the “Baltic Eagle” construction site. The Liebherr cranes are set up at the port basin to place the pipes in the water.

This job is being executed by the Belgian heavy lifting giant Sarens, which specializes in crane rental, heavy lifting and engineered transport. Sarens had the first LR 12500-1.0 delivered directly to Rostock from the factory in Ehingen. “With the support of Liebherr’s fitters, we finished assembling our new crawler crane here after three weeks,” said Willem Dittmer, project manager for Sarens, who is spearheading the operation.



The Liebherr LR 12500-1.0 is set up in the middle of steel pipes at the Rostock port. A tug tows the floating monopile into the Baltic Sea. An 85-nautical mile journey to the offshore construction site takes 15 hours.



The Manitowoc 31000 has been working at a semi-conductor plant jobsite near Phoenix, AZ.



Deep South's VersaCrane features crawler and pedestal cranes from 750-ton to 3,000-ton capacities.

generates work for mega cranes. An example is port handling of components for offshore wind turbines. Liebherr expects significant growth rates for the offshore wind power sector, particularly in

2025. "There is a demand for cranes that are larger than our largest crawler crane, the LR 13000," said Könneker.

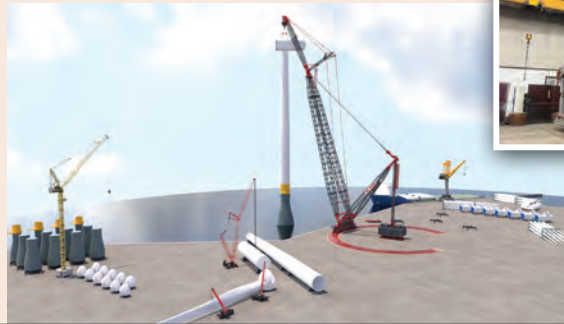
Liebherr's largest cranes predominantly work in Europe and North America. Most any project for a 2,000-plus ton crane is going to be planned far in advance compared to traditional crane work," said Jim Jatho, product manager for lattice boom crawlers for Liebherr USA. ■

Mammoet to debut world's largest electric mega crane

The first components have been fabricated for Mammoet's SK6000 ring crane. It will be the world's largest crane, Mammoet reports, and the highest-capacity electric crane on the planet – behind Mammoet's own 5,000-metric ton capacity SK350. The SK6000 offers a hook height, outreach and lifting capacity far in excess of any crane on the market, the company said.

The SK6000 can be operated entirely from electric power, helping customers reduce the carbon impact of their projects. By utilizing Mammoet's electric SPMT power pack system, a fully electric land-based marshalling and load-out scope is now possible.

The first parts for the SK6000 have been produced at Mammoet's fabricator in the Netherlands. Building on the established design of the SK350 series, it will support the sector as offshore wind components grow in size and travel larger distances. The SK6000 is capable of lifting 3,000-metric ton components at 220 meters hook height, and has a maximum radius of 144 meters. It will be able to take on lifts in the 3,000 to 6000 metric ton range, including suction bucket jackets, XXL monopiles and floating wind foundations.



The first components of Mammoet's SK6000 electric crane have been produced. A rendering of the crane is shown.

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Rubber crawler tracks	Terrain Capability	Rubber crawler tracks
Remote control	Optional Equipment	Remote control
Compact spaces, urban use, utilities	Applications	Heavy-duty lifting, construction, industrial use
Immediately	Availability	Immediately

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2025 calendar of



JANUARY

JANUARY 5-8

SC&RA Board and Committee Meeting
Naples, FL
Naples Grande Beach Resort
scranet.org

JANUARY 15-17

AED Summit
Orlando, FL
The Hyatt Regency Orlando
aednet.org

JANUARY 21-23

World of Concrete
Las Vegas, NV
Las Vegas Convention Center
worldofconcrete.com

JANUARY 28-30

The ARA Show
Las Vegas, NV
Las Vegas Convention Center
arashow.org

FEBRUARY

FEBRUARY 11-13

Power Gen
Dallas, TX
Kay Bailey Hutchison Convention Center
powergen.com

FEBRUARY 18-20

SC&RA Specialized Transportation Symposium
Charlotte, NC
Sheraton Charlotte Hotel
scranet.org

FEBRUARY 23-26

Iron Workers/IMPACT Conference
Lake Buena Vista, FL
Disney's Coronado Springs Resort
impact-net.org

APRIL

APRIL 7-3

Bauma 2025
Munich, Germany
Messe München
bauma.de/en

APRIL 6-9

AWRF Spring PIE & Technical Summit
Denver, CO
Sheraton Denver Downtown Hotel
awrf.org

APRIL 21-25

SC&RA Annual Conference
Phoenix, AZ
Arizona Biltmore Hotel
scranet.org



MAY

MAY 5-8

Offshore Technology Conference
Houston, TX
NRG Park
2025.otcnet.org

MAY 19-22

CLEANPOWER 2025 Conference & Exhibition
Phoenix, AZ
Phoenix Convention Center
cleanpower.org



JUNE

JUNE 3-4

International Tower Cranes (ITC) Conference & Reception
Rome, Italy
Cardo Roma
khl-itc.com

JUNE 3-5

Canadian Crane Rental Association
Edmonton, AB
TBD
ccra-aclg.ca

industry events

SEPTEMBER

SEPTEMBER 24-26

SC&RA Crane & Rigging Workshop

Indianapolis, IN
JW Marriott
scranelt.org

SEPTEMBER 30-OCTOBER 2

Breakbulk Americas

Houston, TX
George R. Brown Convention Center
americas.breakbulk.com

OCTOBER

OCTOBER 7-9

The Utility Expo

Louisville, KY
Kentucky Exposition Center
theutilityexpo.com

OCTOBER 19-22

AWRF Fall General Meeting

Charlotte, NC
Omni Charlotte Hotel
awrf.org

NOVEMBER

NOVEMBER 11-13

ACRP General Assembly

St. Louis, MO
acrp.net

NOVEMBER 11-13

World Crane & Transport Summit

Dublin
TBD
khl-wcts.com



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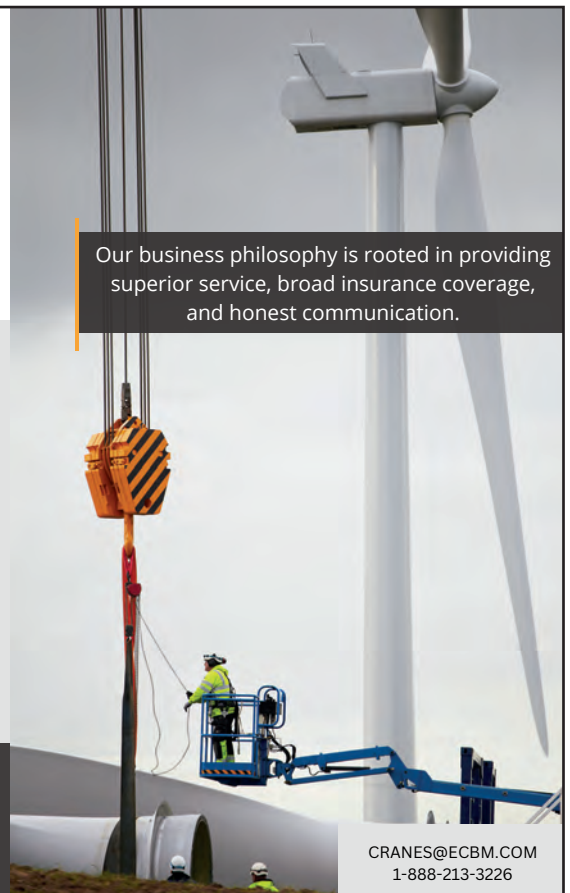
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These tables and conversions are provided to help readers with comparisons between Imperial and metric measurements.

Conversion

The crane marketplace is global, although there are still regulations and other issues that complicate the ability for there to be a truly “global” crane, trailer or related equipment. Most of the major OEMs

produce cranes for markets around the world. For the purpose of the *American Cranes & Transport Sourcebook*, we only include cranes and related equipment that are marketed in North America.

In the global marketplace, the metric system is standard for determining crane capacity and related information. However, in North America, most owners and users still look to the Imperial system for their measurements. However, crane manufacturers have begun to see the benefit of using one system to market their cranes, and more American crane owners have begun to accept the metric system as the new standard.

However, the conversion process is still necessary in many cases.

The key figures printed in the center column can be read as either metric or imperial.
example: 1 meter = 1.094 yards
or 1 yard = 0.914 meters. ¹Imp= Imperial

LENGTH

1 millimeter (mm)	=	0.0394 inches
1 meter (m) (1000 mm)	=	1.0936 yards
1 kilometer (km) (1000 m)	=	0.5214 mile
1 inch	=	25.4 mm
1 yard (36 inches)	=	0.9144 m
1 mile (1760 yards)	=	1.6093 km

AREA

1 square meter (m ²) (10000 cm ²)	=	1.1960 square yards
1 hectare (ha) (10000 m ²)	=	2.4711 acres
1 square km (km ²) (100 hectares)	=	0.3851 square mile
1 square yard (9 square feet)	=	0.8361 m ²
1 acre (4840 yards ²)	=	4046.9 m ²

VOLUME

1 cubic meter (m ³)	=	1.3080 cubic yards
1 liter (l)	=	0.2200 gallon
1 cubic yard (27 cubic feet)	=	0.7646 meter
1 pint (4 gills)	=	0.5683 liter
1 gallon (8 pints)	=	4.5401 liter

HEAT

1 British Thermal Unit (BTU)	=	1,055 joules
1 BTU/lb	=	2.326 kilojoules/kg

WEIGHT

1 gram (g) (1000 mg)	=	0.0353 oz
1 pound (lb) (16 ounces)	=	0.4536 kg
1 ton (2,240 pounds)	=	1.0161 tonnes
1 US ton	=	2,000 lbs
1 metric tonne	=	2,200 lbs
1 hundred weight (cwt)	=	112 lb

POWER

1 horsepower (hp)	=	746 watts (0.75 kW)
1 kilowatt (kW)	=	1.34 hp

PRESSURE

1 bar (atmosphere)	=	14.2 psi
1 pound/inch ² (psi)	=	6895 N/m ²
1 (Newton/m ²) Nm ²	=	1 pascal (Pa)
20 lb/in ²	=	1.41 kg/cm ²

USA WET MEASURE EQUIVALENTS

1 US pint (16 fl oz) (0.8327 UK pt)	=	0.4732 liter
1 US gallon (0.8327 UK gal)	=	3.7653 liters
1 US barrel	=	5.62 ft ³ = 0.159 m ³

Inches (")	Millimeters (mm)	
0.039	1	25.4
0.079	2	50.8
0.118	3	76.2
0.157	4	101.6
0.197	5	127.0
0.236	6	152.4
0.276	7	177.8
0.315	8	203.2
0.354	9	228.6

Square Feet (ft ²)	Square Meters (m ²)	
10.764	1	0.093
21.528	2	0.186
32.292	3	0.279
43.056	4	0.372
53.819	5	0.465
64.583	6	0.557
75.347	7	0.650
86.111	8	0.743
96.875	9	0.836

Ounces (oz)	Grams (g)	
0.035	1	28.350
0.071	2	56.699
0.106	3	85.049
0.141	4	113.398
0.176	5	141.748
0.212	6	170.097
0.247	7	198.447
0.282	8	226.796
0.317	9	255.146

tables

In the *ACT Sourcebook 2025*, we have ranked the crane categories four different ways. In the mobile and crawler crane categories, we have ranked the cranes listed by metric tons and U.S. tons. In the boom truck category, we ranked the cranes by U.S. tons only. In the industrial and articulating crane categories, we have ranked the machines by pounds, metric tons and U.S. tons. In the tower crane category, we have ranked crane capacities by ton meters. We are providing these conversion tables as a matter of convenience.

Please do not use the conversions in important technical or safety calculations as they are designed as a guide to converting figures, not as a definitive listing.

For Manitowoc, Link-Belt and other cranes manufactured for the North American market, model names often indicate the lifting capacity of the crane in U.S. tons.

SPEED									
Miles per hour (mph)	20	30	40	50	60	70	80	90	100
Kilometer per hour (km/h)	32	48	64	80	96	112	128	144	160

FUEL								
Gallons (US)	1	2	4	6	8	10	12	14
Liters	3.78	7.54	15.14	22.71	30.28	37.85	45.45	53.00
Gallons (UK)	1	2	4	6	8	10	12	14
Liters	4.55	9.09	18.18	27.27	36.37	45.46	54.54	63.64

WEIGHT								
Pounds	1	2	3	4	5	10	14	20
Kilograms	0.454	0.907	1.361	1.814	2.268	4.536	6.350	9.072

TEMPERATURE												
°F	32	40	50	60	70	75	85	95	105	140	175	212
°C	0	5	10	15	20	25	30	35	40	60	80	100

Miles	Kilometers (km)	
0.621	1	1.609
1.243	2	3.219
1.864	3	4.828
2.485	4	6.437
3.105	5	8.047
3.728	6	9.656
4.350	7	11.265
4.971	8	12.875
5.592	9	14.484

Feet (')	Meters (m)	
3.281	1	0.305
6.562	2	0.610
9.843	3	0.914
13.123	4	1.219
16.404	5	1.514
19.685	6	1.829
22.966	7	2.134
26.247	8	2.438
29.528	9	2.743

Yards (yd)	Meters (m)	
1.094	1	0.914
2.187	2	1.829
3.281	3	2.743
4.375	4	3.658
5.468	5	4.572
6.564	6	5.486
7.658	7	6.401
8.752	8	7.315
9.846	9	8.230

Square Yards (yd²)	Square Meters (m²)	
1.196	1	0.836
2.392	2	1.672
3.588	3	2.508
4.784	4	3.345
5.980	5	4.181
7.176	6	5.017
8.372	7	5.853
9.568	8	6.689
10.764	9	7.525

Cubic Feet (ft³)	Cubic Meters (m³)	
35.315	1	0.028
70.629	2	0.057
105.943	3	0.085
141.258	4	0.113
176.572	5	0.147
211.887	6	0.170
247.201	7	0.198
282.516	8	0.227
317.830	9	0.255

Cubic Yards (yd³)	Cubic Meters (m³)	
1.308	1	0.765
2.616	2	1.529
3.924	3	2.294
5.232	4	3.058
6.540	5	3.823
7.848	6	4.587
9.156	7	5.352
10.464	8	6.117
11.772	9	6.881

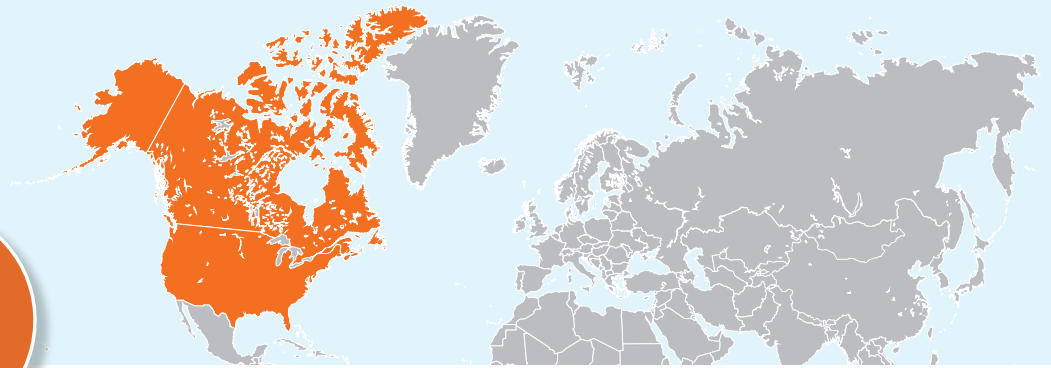
Pounds (lb)	Kilograms (kg)	
2.205	1	0.454
4.409	2	0.907
6.614	3	1.361
8.819	4	1.814
11.023	5	2.268
13.226	6	2.722
15.432	7	3.175
17.637	8	3.629
19.842	9	4.082

Gallons (gall) Imp(UK)	Liters (l)	
0.220	1	4.544
0.440	2	9.087
0.660	3	13.631
0.880	4	18.174
1.101	5	22.718
1.321	6	27.262
1.541	7	31.805
1.761	8	36.349
1.981	9	40.892

Pints (pt) Imp(UK)	Liters (l)	
1.761	1	0.568
3.521	2	1.136
5.282	3	1.704
7.043	4	2.272
8.804	5	2.840
10.564	6	3.406
12.325	7	3.976
14.086	8	4.544
15.847	9	5.112

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BY CAPACITY 121

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BY MANUFACTURER 124

BY CAPACITY 125

ALL TERRAINS BY MANUFACTURER

Manufacturer	Model	Maximum Load @ 3m (t)	Load at Maximum Radius (t@m)	Maximum Main Boom (m)	Maximum Main Boom Extension (m)	Maximum Hook Height (m)	Number of Axles (#)	Maximum Travel Speed (mph)	Onroad Axle Loading (t/axle)	Engine Power (kW)	Capacity US tons
Grove	GMK3050-3	50	0.9 @ 36.0	40	8	50	3	53	12	254	55
Grove	GMK3060-2	60	1.1 @ 36.0	40	15	58	3	53	12	254	65
Grove	GMK3060L-1	60	0.6 @ 48.0	48	15	65	3	53	12	254	65
Grove	GMK4080-3	80	0.8 @ 56.0	51	21	75	4	53	12	320	88
Grove	GMK4090-1	90	0.7 @ 58.0	51	21	75	4	53	12	320	100
Grove	GMK4100L-2	100	0.8 @ 62.0	60	25.6	89	4	53	12	320	115
Grove	GMK5120L	120	1.0 @ 60.0	66	24	90	5	53	12	390	130
Grove	GMK5150-1	150	0.9 @ 76.0	51	41.8	88	5	53	12	390	175
Grove	GMK5150L-1	150	0.9 @ 74.0	60	33.8	97	5	53	12	390	175
Grove	GMK5150XL	150	1.0 @ 60.0	68.7	30.2	99	5	53	12	390	175
Grove	GMK5180-1	180	1.1 @ 76.0	64	34	101	5	53	12	390	210
Grove	GMK5200-1	200	1.0 @ 84.0	64	34	101	5	53	12	390	240
Grove	GMK5250L-1	250	0.9 @ 88.0	70	37	110	5	53	12	390	300
Grove	GMK5250XL-1	250	0.8 @ 90.0	78.5	33.8	115	5	53	12	390	300
Grove	GMK6300L-1	300	0.9 @ 94.0	80	37	120	6	53	12	430	350
Grove	GMK6450-1	450	2.6 @ 95.0	60	79	136	6	53	12	430	500
Grove	GMK7450/GMK7550	450	1.4 @ 104.0	60	79	136	7	53	12	420	550
Grove	GMK4070L	80	0.7 @ 52.0	60	15	77	4	53	12	300	75
Grove	GMK4080L	80	0.7 @ 52.0	60	15	77	4	53	12	300	85
Liebherr	LTM 1030-2.1	35	0.4 @ 40	30	15	44	2	53	12	209	40
Liebherr	LTM 1040-2.1	40 @ 2.5	0.4 @ 39	35	9.5	44	2	53	12	209	45
Liebherr	LTC 1050-3.1	50	0.7 @ 39	36	13	48	3	53	12	243	50
Liebherr	LTC 1050-3.1	50	0.6 @ 38	31	13	43	3	53	12	243	50
Liebherr	LTM 1050-3.1	50	0.6 @ 44	38	16	54	3	53	12	270	60
Liebherr	LTM 1055-3.2	55 @ 2.5	0.9 @ 46	40	16	56	3	53	12	270	65
Liebherr	LTM 1060-3.1	60 @ 2.1	0.9 @ 48	48	16	63	3	53	12	270	70
Liebherr	LTM 1070-4.2	70 @ 2.5	0.7 @ 48	50	16	65	4	53	12	330	80
Liebherr	LTM 1090-4.2	90	0.7 @ 62	60	16	76	4	53	12	330	110
Liebherr	LTM 1100-5.3	100	0.6 @ 68	62	16	76	5	53	12	400	110
Liebherr	LTM 1110-5.1	110	1.0 @ 54	60	33	91	5	53	12	400	125
Liebherr	LTM 1110-5.2	110	1.0 @ 54	60	33	91	5	53	12	400	125
Liebherr	LTM 1120-4.1	120	0.9 @ 54	66	26	91	4	53	12	330	135
Liebherr	LTM 1150-5.3	150	0.9 @ 54	66	26	92	5	53	12	400	170
Liebherr	LTM 1160-5.2	180 @ 2.5	0.7 @ 78	62	40	99	5	53	12	400	190
Liebherr	LTM 1230-5.1	230	1.5 @ 72	75	43	111	5	53	12	400	275
Liebherr	LTM 1250-5.1	250	1.1 @ 96	60	50	108	5	53	12	400	300
Liebherr	LTM 1300-6.2	300	1.1 @ 94	78	70	114	6	53	12	455	360
Liebherr	LTM 1300-6.3	300	1.1 @ 94	90	43	120	6	53	12	455	360
Liebherr	LTM 1300-6.4	300	1.1 @ 94	90	43	120	6	53	12	455	360
Liebherr	LTM 1350-6.1	350	2 @ 96	70	78	134	6	53	12	455	400
Liebherr	LTM 1400-6.1	400		70	80.5	120	6	53	12	455	450
Liebherr	LTM 1450-8.1	450	2.5 @ 100	85	84	132	8	53	12	505	550
Liebherr	LTM 1650-8.1	700	1.6 @ 112	80	91	152	8	53	12	505	770
Liebherr	LTM 1750-9.1	800	1.9 @ 116	52	91	152	9	53	12	505	900
Liebherr	LTM 11200-9.1	1,200 @ 2.5	1.9 @ 136	100	126	188	9	50	12	505	1500
Link-Belt Cranes	175IAT	150 @ 2.1	0.5 @ 76.2	60.1	33.3	96.1	5	55	12	432	175
Link-Belt Cranes	225IAT	200 @ 2.4	1 @ 79.2	61.6	36.8	100.6	5	55	12	432	225
Link-Belt Cranes	300IAT	275 @ 2.1	1.1 @ 83.8	72.6	36.8	111.3	5	55	12	432	300
Tadano	AC 2.040-1	40	0.9 @ 32	35.2	9	46	2	52.9	12	231	40
Tadano	AC 3.045-1 City	45	0.7 @ 36.5	31.2	13	44.2	3	49.7	12	260	50
Tadano	AC 3.060-2	60	0.8 @ 42	50	16	64.6	3	52.8	12	260	65
Tadano	AC 4.070L-1	70	0.5 @ 52	52.1	16	69.5	4	52.8	12	340	75
Tadano	AC 4.070-2	70	.08 @ 40	50	16	68	4	52.8	12	340	75
Tadano	AC 4.080-1	80	0.9 @ 46	60	6.5	65.8	4	52.8	12	340	88
Tadano	AC 4.100L-1	100	1.0 @ 54	59.4	27	81.5	4	52.8	12	340	120
Tadano	AC 4.110-1	110	1.0 @ 54	60	31.9	91	4	52.8	12	340	120
Tadano	AC 5.120-1	120	0.8 @ 68	60	31.9	90	5	52.8	12	390	132
Tadano	AC 5.130-1	130	1.6 @ 62	59.8	33	88	5	52.8	12	405	140
Tadano	AC 5.140-1	140	1.1 @ 72	60	32	93	5	52.8	12	390	160

ALL TERRAINS BY MANUFACTURER

Manufacturer	Model	Maximum Load @ 3m (t)	Load at Maximum Radius (t@m)	Maximum Main Boom (m)	Maximum Main Boom Extension (m)	Maximum Hook Height (m)	Number of Axles (#)	Maximum Travel Speed (mph)	Onroad Axle Loading (t/axle)	Engine Power (kW)	Capacity US tons
Tadano	AC 5.160-1	160	1.5 @ 66	68	33	96	5	52.8	12	405	180
Tadano	AC 5.220L-1	220	1.1 @ 74	78	27	105	5	52.8	12	405	245
Tadano	AC 5.220-1	220	1.4 @ 84	68	36	107	5	52.8	12	390	250
Tadano	AC 5.250-2	250	1.3 @ 88	70	36	114	5	52.8	12	390	300
Tadano	AC 6.300-1	300	2.5 @ 82	80	63	122	6	52.8	12	460	350
Tadano	AC 7.450-1	450	2.5 @ 98	80	81	126	7	52.8	12	460	500
Tadano	AC 8.500-1	500	2.2 @ 110	56	90	142	8	49.7	12	460	600

ALL TERRAINS BY CAPACITY

Manufacturer	Model	Maximum Load @ 3m (t)	Load at Maximum Radius (t@m)	Maximum Main Boom (m)	Maximum Main Boom Extension (m)	Maximum Hook Height (m)	Number of Axles (#)	Maximum Travel Speed (mph)	Onroad Axle Loading (t/axle)	Engine Power (kW)	Capacity US tons
Liebherr	LTM 1030-2.1	35	0.4 @ 40	30	15	44	2	53	12	209	40
Tadano	AC 2.040-1	40	0.9 @ 32	35.2	9	46	2	52.9	12	231	40
Liebherr	LTM 1040-2.1	40 @ 2.5	0.4 @ 39	35	9.5	44	2	53	12	209	45
Liebherr	LTC 1050-3.1	50	0.7 @ 39	36	13	48	3	53	12	243	50
Liebherr	LTC 1050-3.1	50	0.6 @ 38	31	13	43	3	53	12	243	50
Tadano	AC 3.045-1 City	45	0.7 @ 36.5	31.2	13	44.2	3	49.7	12	260	50
Grove	GMK3050-3	50	0.9 @ 36.0	40	8	50	3	53	12	254	55
Liebherr	LTM 1050-3.1	50	0.6 @ 44	38	16	54	3	53	12	270	60
Grove	GMK3060-2	60	1.1 @ 36.0	40	15	58	3	53	12	254	65
Grove	GMK3060L-1	60	0.6 @ 48.0	48	15	65	3	53	12	254	65
Liebherr	LTM 1055-3.2	55 @ 2.5	0.9 @ 46	40	16	56	3	53	12	270	65
Tadano	AC 3.060-2	60	0.8 @ 42	50	16	64.6	3	52.8	12	260	65
Liebherr	LTM 1060-3.1	60 @ 2.1	0.9 @ 48	48	16	63	3	53	12	270	70
Grove	GMK4070L	80	0.7 @ 52.0	60	15	77	4	53	12	300	75
Tadano	AC 4.070L-1	70	0.5 @ 52	52.1	16	69.5	4	52.8	12	340	75
Tadano	AC 4.070-2	70	.08 @ 40	50	16	68	4	52.8	12	340	75
Liebherr	LTM 1070-4.2	70 @ 2.5	0.7 @ 48	50	16	65	4	53	12	330	80
Grove	GMK4080L	80	0.7 @ 52.0	60	15	77	4	53	12	300	85
Grove	GMK4080-3	80	0.8 @ 56.0	51	21	75	4	53	12	320	88
Tadano	AC 4.080-1	80	0.9 @ 46	60	6.5	65.8	4	52.8	12	340	88
Grove	GMK4090-1	90	0.7 @ 58.0	51	21	75	4	53	12	320	100
Liebherr	LTM 1090-4.2	90	0.7 @ 62	60	16	76	4	53	12	330	110
Liebherr	LTM 1100-5.3	100	0.6 @ 68	62	16	76	5	53	12	400	110
Grove	GMK4100L-2	100	0.8 @ 62.0	60	25.6	89	4	53	12	320	115
Tadano	AC 4.100L-1	100	1.0 @ 54	59.4	27	81.5	4	52.8	12	340	120
Tadano	AC 4.110-1	110	1.0 @ 54	60	31.9	91	4	52.8	12	340	120
Liebherr	LTM 1110-5.1	110	1.0 @ 54	60	33	91	5	53	12	400	125
Liebherr	LTM 1110-5.2	110	1.0 @ 54	60	33	91	5	53	12	400	125
Grove	GMK5120L	120	1.0 @ 60.0	66	24	90	5	53	12	390	130
Tadano	AC 5.120-1	120	0.8 @ 68	60	31.9	90	5	52.8	12	390	132
Liebherr	LTM 1120-4.1	120	0.9 @ 54	66	26	91	4	53	12	330	135
Tadano	AC 5.130-1	130	1.6 @ 62	59.8	33	88	5	52.8	12	405	140
Tadano	AC 5.140-1	140	1.1 @ 72	60	32	93	5	52.8	12	390	160
Liebherr	LTM 1150-5.3	150	0.9 @ 54	66	26	92	5	53	12	400	170
Grove	GMK5150-1	150	0.9 @ 76.0	51	41.8	88	5	53	12	390	175
Grove	GMK5150L-1	150	0.9 @ 74.0	60	33.8	97	5	53	12	390	175
Grove	GMK5150XL	150	1.0 @ 60.0	68.7	30.2	99	5	53	12	390	175
Link-Belt Cranes	175IAT	150 @ 2.1	.5 @ 76.2	60.1	33.3	96.1	5	55	12	432	175
Tadano	AC 5.160-1	160	1.5 @ 66	68	33	96	5	52.8	12	405	180
Liebherr	LTM 1160-5.2	180 @ 2.5	0.7 @ 78	62	40	99	5	53	12	400	190
Grove	GMK5180-1	180	1.1 @ 76.0	64	34	101	5	53	12	390	210
Link-Belt Cranes	225IAT	200 @ 2.4	1 @ 79.2	61.6	36.8	100.6	5	55	12	432	225
Grove	GMK5200-1	200	1.0 @ 84.0	64	34	101	5	53	12	390	240
Tadano	AC 5.220L-1	220	1.1 @ 74	78	27	105	5	52.8	12	405	245
Tadano	AC 5.220-1	220	1.4 @ 84	68	36	107	5	52.8	12	390	250

ALL TERRAINS BY CAPACITY

Manufacturer	Model	Maximum	Load at	Maximum	Maximum	Maximum	Number of Axles (#)	Maximum	Onroad Axle	Engine	Capacity
		Load @ 3m (t)	Maximum Radius (t@m)	Main Boom (m)	Main Boom Extension (m)	Hook Height (m)		Travel Speed (mph)	Loading (t/axle)	Power (kW)	US tons
Liebherr	LTM 1230-5.1	230	1.5@72	75	43	111	5	53	12	400	275
Grove	GMK5250L-1	250	0.9@88.0	70	37	110	5	53	12	390	300
Grove	GMK5250XL-1	250	0.8@90.0	78.5	33.8	115	5	53	12	390	300
Liebherr	LTM 1250-5.1	250	1.1@96	60	50	108	5	53	12	400	300
Link-Belt Cranes	300IAT	275@2.1	1.1@83.8	72.6	36.8	111.3	5	55	12	432	300
Tadano	AC 5.250-2	250	1.3@88	70	36	114	5	52.8	12	390	300
Grove	GMK6300L-1	300	0.9@94.0	80	37	120	6	53	12	430	350
Tadano	AC 6.300-1	300	2.5@82	80	63	122	6	52.8	12	460	350
Liebherr	LTM 1300-6.2	300	1.1@94	78	70	114	6	53	12	455	360
Liebherr	LTM 1300-6.3	300	1.1@94	90	43	120	6	53	12	455	360
Liebherr	LTM 1300-6.4	300	1.1@94	90	43	120	6	53	12	455	360
Liebherr	LTM 1350-6.1	350	2@96	70	78	134	6	53	12	455	400
Liebherr	LTM 1400-6.1	400		70	80.5	120	6	53	12	455	450
Grove	GMK6450-1	450	2.6@95.0	60	79	136	6	53	12	430	500
Tadano	AC 7.450-1	450	2.5@98	80	81	126	7	52.8	12	460	500
Grove	GMK7450/GMK7550	450	1.4@104.0	60	79	136	7	53	12	420	550
Liebherr	LTM 1450-8.1	450	2.5@100	85	84	132	8	53	12	505	550
Tadano	AC 8.500-1	500	2.2@110	56	90	142	8	49.7	12	460	600
Liebherr	LTM 1650-8.1	700	1.6@112	80	91	152	8	53	12	505	770
Liebherr	LTM 1750-9.1	800	1.9@116	52	91	152	9	53	12	505	900

ROUGH TERRAINS BY MANUFACTURER

Manufacturer	Model	Maximum	Load at	Maximum	Maximum	Maximum Hook Height (feet)	Number of Axles (#)	Maximum	Engine	Capacity US Tons
		Load @ 3m (t)	Maximum Radius (t@m)	Main Boom (m)	Main Boom Extension (m)			Travel Speed (mph)	Power (kW)	
Broderson	RT-400	20	3600 lbs @ 68 ft	80 ft	99 ft 1 in	99	2	22	115	20
Grove	RT530E-2	30	0.67@34.0	29	13.7	45m (146 ft)	2	25	122	30
Grove	RT540E	35 @ 2.5	0.67@36.0	31	13.7	47m (154 ft)	2	25	122	40
Grove	GRT655	51 @ 2.5	0.52@44.0	34.8	13.7	51.8m (170 ft)	2	18.8	129	55
Grove	GRT655L	51 @ 2.5	0.65@42.0	43	13.7	59.7m (196 ft)	2	18.8	129	55
Grove	GRT765	65	0.57@44.0	38.5	17.1	58.5m (192 ft)	2	21	194	65
Grove	GRT780	80	0.55@47.0	47.3	17.1	67m (220 ft)	2	21	194	80
Grove	GRT8100-1	100 @ 2	0.53@52.0	47	23.2	73m (239.5 ft)	2	15	224	100
Grove	GRT8120	120 @ 2	0.68@58.0	60	17.6	80.8m (265 ft)	2	15	224	120
Grove	RT9130E-2	120	0.77@56.0	48.6	34	85m (279 ft)	2	15	239	130
Grove	GRT9165	150 @ 2.5	0.65@72.0	62.5	25.8	91.1m (299 ft)	3	7.5	224	165
Liebherr	LRT 1090-2.1	90@2.7	1.0@50	47	19	66	2	15.5	201	100
Liebherr	LRT 1100-2.1	100@2.5	0.6@54	50	19	69	2	15.5	201	110
Liebherr	LRT 1130-2.1	130	0.5@66	60	26	85	2	12.5	188	140
Link-Belt Cranes	65IIRT	60 @ 2.5	1.35 @ 32	35	27.5	211.6 ft. (64.5m)	2	25 (full CTWT)	201	65
Link-Belt Cranes	75IIRT	70 @ 2.5	.7 @ 38	43.3	17.7	208.7 ft. (63.6m)	2	20 (full CTWT)	201	75
Link-Belt Cranes	85IIRT	80 @ 2.5	.7 @ 38	43.3	17.7	209 ft. (63.7m)	2	15 (full CTWT)	201	85
Link-Belt Cranes	100IIRT	90.7 @ 2.5	1 @ 44	47.2	22.6	237 ft. (72.3m)	2	15 (full CTWT)	173	100
Link-Belt Cranes	120IIRT	110 @ 2.1	.9 @ 46	50	27.5	261.7 ft. (79.8m)	2	15 (full CTWT)	173	120
Link-Belt Cranes	RTC-80130 Series II	120 @ 2.5	1.85 @ 46	49.3	33.3	278 ft. (84.7m)	3	17.1	257	130
Link-Belt Cranes	RTC-80160 Series II	145 @ 2.1	.85 @ 56	59.5	33.3	311 ft. (94.8m)	3	15.8	257	160
Manitex	M-150	15	4,700 lbs @ 55 ft	19.05	n/s	85.5	2	26	119	15
Manitex	M-300	30 ton	5,400 lbs @ 70 ft	23.47	n/s	90	2	25	119	30
SANY America	SRA350A	32	.45 @ 37.8	35	16	176	2	15	209	35
SANY America	SRA550A	50	.49 @ 42.7	35	16	177	2	15	209	55
SANY America	SRA750A	68	.41 @ 45.3	43.3	17	206.6	2	15	209	75
SANY America	SRA1000A	90	1.08 @ 41.45	47	18	214.9	2	15	209	100
SANY America	SRA1200A	110	.41 @ 44.5	56	18	250	2	15	209	120
Tadano	GR-30DEX-3	30 @ 3.0	0.5 @ 28	31	12.8	144.3	2	31	160	33
Tadano	GR-350XL	31.8 @ 2.4	0.9 @ 28	31	12.8	144.3	2	31	175	35
Tadano	GR-550XL	50 @ 2.4	1.06 @ 32	34.7	15.2	164.3	2	31	201	55
Tadano	GR-500EXS-3	50 @ 2.5	1.3 @ 30	33	12.7	150.6	2	27	200	55

ROUGH TERRAINS BY MANUFACTURER

** denotes units sold in Mexico
* denotes units sold in the US and Canada

Manufacturer	Model	Load at		Maximum	Maximum	Maximum Hook Height	Number of Axles	Maximum Travel Speed	Engine Power	Capacity
		Maximum Load @ 3m (t)	Maximum Radius (t@m)	Main Boom (m)	Main Boom Extension (m)					
Tadano	GR-500EXL-3	51 @2.5	0.7 @34	42	12.7	183.7	2	30	200	55
Tadano	GR-700EX-4	70 @3.0	1.0 @40	47	17.7	211.3	2	22	200	77
Tadano	GR-800XL-4	72.6 @2.4	0.64 @44	47	17.7	211.3	2	22	209	80
Tadano	GR-900EX-4	90 @2.5	1.0 @42	47	17.7	211.3	2	22	200	99
Tadano	GR-1000XL-4	90.7 @2.4	1.27 @44	47	17.7	211.3	2	22	209	100
Tadano	GR-1000XLL-4	90.7 @2.4	1.1 @47	51	17.7	224.1	2	22	209	100
Tadano	eGR-1000XLL-1	90.7 @2.4	1.1 @47	51	17.7	224.1	2	11	N/A	100
Tadano	GR-1000EX-4	100 @2.5	0.9 @44	51	17.7	224.1	2	22	200	110
Tadano	GR-1200XL	110 @2.4	1.2 @46	56	17.7	241.4	2	12	201	120
Tadano	GR-1100EX-3	110 @2.5	1.0 @44	56	17.7	241.4	2	12	200	120
Tadano	GR-1300XL-4	118 @2.4	1.3 @53	56	18	237.9	2	12	209	130
Tadano	GR-1600XL	145 @2.4	1.7 @56	61	18	302.5	3	9.3	201	160
Tadano	GR-1450EX-3	145 @2.5	1.3 @56	61	18	302.5	3	9.3	200	160
Terex	TRT 40US	35 @3		30.1	8	130	2	18	129	40
Terex	TRT 70US	60 @3	1.1 @38	43.5	15	195	2	19.2	168	70
Terex	TRT 80US	80 @2.5	0.9 @39	42.1	15	141	2	19.2	168	80
Terex	TRT 100US	87 @2.5	1.0 @38	47	17	209.9	2	19.2	168	100
Zoomlion	ZRT600	60	0.550 @44.8	45	16	61.2	2	24.85 MPH	194	66
			(1,212.5 @ 146.98 ft)	(147 ft)	(52.5 ft)	(200.8 ft)				
Zoomlion	ZRT850	85	0.9 @44.5/	47	16	65.7	2	22.37 MPH	194	94
			(1,984 lbs @ 146 ft)	(154 ft)	(52.5 ft)	(215.6 ft)				
Zoomlion	ZRT1100	100	0.9 @50/	49 m/	17.5	66.8	2	21.88 MPH	194	121
			(1,984 lbs @ 164 ft)	(160 ft)	(57.4 ft)	(219.16 ft)				

ROUGH TERRAINS BY CAPACITY

Manufacturer	Model	Load at		Maximum	Maximum	Maximum Hook Height	Number of Axles	Maximum Travel Speed	Engine Power	Capacity
		Maximum Load @ 3m (t)	Maximum Radius (t@m)	Main Boom (m)	Main Boom Extension (m)					
Manitex	M-150	15	4,700 lbs @55 ft	19.05	n/s	85.5	2	26	119	15
Broderson	RT-400	20	3600 lbs @68 ft	80 ft	99 ft 1 in	99	2	22	115	20
Grove	RT530E-2	30	0.67 @34.0	29	13.7	45m (146 ft)	2	25	122	30
Manitex	M-300	30 ton	5,400 lbs @70 ft	23.47	n/s	90	2	25	119	30
Tadano	GR-300EX-3	30 @3.0	0.5 @28	31	12.8	144.3	2	31	160	33
SANY America	SRA350A	32	.45 @37.8	35	16	176	2	15	209	35
Tadano	GR-350XL	31.8 @2.4	0.9 @28	31	12.8	144.3	2	31	175	35
Grove	RT540E	35 @2.5	0.67 @36.0	31	13.7	47m (154 ft)	2	25	122	40
Terex	TRT 40US	35 @3		30.1	8	130	2	18	129	40
Grove	GRT655	51 @2.5	0.52 @44.0	34.8	13.7	51.8m (170 ft)	2	18.8	129	55
Grove	GRT655L	51 @2.5	0.65 @42.0	43	13.7	59.7m (196 ft)	2	18.8	129	55
SANY America	SRA550A	50	.49 @42.7	35	16	177	2	15	209	55
Tadano	GR-550XL	50 @2.4	1.06 @32	34.7	15.2	164.3	2	31	201	55
Tadano	GR-500EXS-3	50 @2.5	1.3 @30	33	12.7	150.6	2	27	200	55
Tadano	GR-500EXL-3	51 @2.5	0.7 @34	42	12.7	183.7	2	30	200	55
Grove	GRT765	65	0.57 @44.0	38.5	17.1	58.5m (192 ft)	2	21	194	65
Link-Belt Cranes	65IRT	60 @2.5	1.35 @32	35	27.5	211.6 ft. (64.5m)	2	25 (full CTWT)	201	65
Zoomlion	ZRT600	60	0.550 @44.8/	45	16	61.2	2	24.85	194	66
			(1,212.5 @ 146.98 ft)	(147 ft)	(52.5 ft)	(200.8 ft)				
Terex	TRT 70US	60 @3	1.1 @38	43.5	15	195	2	19.2	168	70
Link-Belt Cranes	75IRT	70 @2.5	.7 @38	43.3	17.7	208.7 ft. (63.6m)	2	20 (full CTWT)	201	75
SANY America	SRA750A	68	.41 @45.3	43.3	17	206.6	2	15	209	75
Tadano	GR-700EX-4	70 @3.0	1.0 @40	47	17.7	211.3	2	22	200	77
Grove	GRT780	80	0.55 @47.0	47.3	17.1	67m (220 ft)	2	21	194	80
Tadano	GR-800XL-4	72.6 @2.4	0.64 @44	47	17.7	211.3	2	22	209	80
Terex	TRT 80US	80 @2.5	0.9 @39	42.1	15	141	2	19.2	168	80
Link-Belt Cranes	85IRT	80 @2.5	.7 @38	43.3	17.7	209 ft. (63.7m)	2	15 (full CTWT)	201	85

ROUGH TERRAINS BY CAPACITY

Manufacturer	Model	Maximum	Load at	Maximum	Maximum	Maximum	Number	Maximum	Engine	Capacity
		Load @	Maximum	Main	Main Boom			Hook Height		
		3m (t)	Radius (t@m)	Boom (m)	Extension (m)	(feet)	(#)	(mph)	(kW)	US Tons
Zoomlion	ZRT850	85	0.9 @ 44.5/ (1,984 lbs @ 146 ft)	47 (154 ft)	16 (52.5 ft)	65.7 (215.6 ft)	2	22.37	194	94
Tadano	GR-900EX-4	90 @ 2.5	1.0 @ 42	47	17.7	211.3	2	22	200	99
Grove	GRT8100-1	100 @ 2	0.53 @ 52.0	47	23.2	73m (239.5 ft)	2	15	224	100
Liebherr	LRT 1090-2.1	90 @ 2.7	1.0 @ 50	47	19	66	2	15.5	201	100
Link-Belt Cranes	100IRT	90.7 @ 2.5	1 @ 44	47.2	22.6	237 ft. (72.3m)	2	15 (full CTWT)	173	100
SANY America	SRA1000A	90	1.08 @ 41.45	47	18	214.9	2	15	209	100
Tadano	GR-1000XL-4	90.7 @ 2.4	1.27 @ 44	47	17.7	211.3	2	22	209	100
Tadano	GR-1000XLL-4	90.7 @ 2.4	1.1 @ 47	51	17.7	224.1	2	22	209	100
Tadano	eGR-1000XLL-1	90.7 @ 2.4	1.1 @ 47	51	17.7	224.1	2	11	N/A	100
Terex	TRT 100US	87 @ 2.5	1.0 @ 38	47	17	209.9	2	19.2	168	100
Liebherr	LRT 1100-2.1	100 @ 2.5	0.6 @ 54	50	19	69	2	15.5	201	110
Tadano	GR-1000EX-4	100 @ 2.5	0.9 @ 44	51	17.7	224.1	2	22	200	110
Grove	GRT8120	120 @ 2	0.68 @ 58.0	60	17.6	80.8m (265 ft)	2	15	224	120
Link-Belt Cranes	120IRT	110 @ 2.1	.9 @ 46	50	27.5	261.7 ft. (79.8m)	2	15 (full CTWT)	173	120
SANY America	SRA1200A	110	.41 @ 44.5	56	18	250	2	15	209	120
Tadano	GR-1200XL	110 @ 2.4	1.2 @ 46	56	17.7	241.4	2	12	201	120
Tadano	GR-1100EX-3	110 @ 2.5	1.0 @ 44	56	17.7	241.4	2	12	200	120
Zoomlion	ZRT1100	100	0.9 @ 50/ (1,984 lbs @ 164 ft)	49 (160 ft)	17.5 (57.4 ft)	66.8 (219.16 ft)	2	21.88	194	121
Grove	RT9130E-2	120	0.77 @ 56.0	48.6	34	85m (279 ft)	2	15	239	130
Link-Belt Cranes	RTC-80130 Series II	120 @ 2.5	1.85 @ 46	49.3	33.3	278 ft. (84.7m)	3	17.1	257	130
Tadano	GR-1300XL-4	118 @ 2.4	1.3 @ 53	56	18	237.9	2	12	209	130
Liebherr	LRT 1130-2.1	130	0.5 @ 66	60	26	85	2	12.5	188	140
Link-Belt Cranes	RTC-80160 Series II	145 @ 2.1	.85 @ 56	59.5	33.3	311 ft. (94.8m)	3	15.8	257	160
Tadano	GR-1600XL	145 @ 2.4	1.7 @ 56	61	18	302.5	3	9.3	201	160
Tadano	GR-1450EX-3	145 @ 2.5	1.3 @ 56	61	18	302.5	3	9.3	200	160
Grove	GRT9165	150 @ 2.5	0.65 @ 72.0	62.5	25.8	91.1m (299 ft)	3	7.5	224	165

TRUCK CRANES BY MANUFACTURER

Manufacturer	Model	Maximum	Load at	Maximum	Maximum	Maximum	Number	Maximum	Engine	Capacity
		Load @ 3m	Maximum	Main Boom	Main Boom			Hook Height		
		(t)	(t@m)	(m)	(m)	(m)	(#)	(mph)	(kW)	US tons
Grove	TMS500-2	40 @ 2.2	.6 @ 38	29	13.7	39.1	3	65	261	40
Grove	TMS500-2	40 @ 2.2	.6 @ 36	31	13.7	42	3	65	261	40
Grove	TMS800-2	80	1.6 @ 41	39	25.6	59.2	4	65	336	80
Grove	TMS875-2	75	1.6 @ 41	39	25.6	59.2	4	65	336	75
Grove	TMS9000-2	104	.6 @ 61	51.6	25.6	80.3	4	65	336	115
Grove	TTS9000-2	104	.6 @ 61	51.6	25.6	80.3	4	65	336	115
Liebherr	LTF 1045-4.1	45 @ 2.5	0.8 @ 42	35	9.5	44	4	n/s	n/s	55
Liebherr	LTF 1060-4.1	60 @ 2.5	0.7 @ 48	40	16	56	4	n/s	n/s	70
Link-Belt Cranes	65IHT	55 @ 2.1	1.45 @ 32	35	15.5	52.2	4	60.69	276	65
Link-Belt Cranes	HTC/HTT-8675 Series II	64.25	1.45 @ 36	38.7	29.26	65.17	4	62.9	336	75
Link-Belt Cranes	HTC/HTT-86100	72.65	2.35 @ 40	42.7	27.5	67.3	4	62.9	336	100
Link-Belt Cranes	HTC/HTT-86110	85	1.9 @ 46	50	27.5	76.9	4	62	336	110
Link-Belt Cranes	120IHT	110 @ 2.1	1.9 @ 47	50	27.5	79.7	4	61	339	120
Link-Belt Cranes	120ITT	110 @ 2.1	1.9 @ 47	50	27.5	79.7	4	61	339	120
Link-Belt Cranes	120IHT LB	110 @ 2.1	.6 @ 53	60	17.7	80.1	4	61	339	120
Link-Belt Cranes	120ITT LB	110 @ 2.1	.6 @ 53	60	17.7	80.1	4	61	339	120
Tadano	GT-300EL	30 @ 3	0.6 @ 32	34	14	48	3	85 km/h	240	33
Tadano	GT-600EL	60 @ 2.7	0.6 @ 34	43	14.3	57.3	4	85 km/h	260	66
Tadano	GT-750EL	75 @ 2.7	0.6 @ 40	47	14.3	61.2	4	85 km/h	260	82
Tadano	GT-800XL-2	72.6 @ 2.4	0.7 @ 44	47	17.9	64.3	4	105 km/h	373	80
Tadano	GT-1200XL-2	110 @ 2.4	2.3 @ 47	51	17.9	67.4	4	105 km/h	373	120

TRUCK CRANES BY CAPACITY

Manufacturer	Model	Load at		Maximum Main Boom (m)	Maximum Main Boom Extension (m)	Maximum Hook Height (m)	Number of Axles (#)	Maximum Travel		Capacity US tons
		Maximum Load @3m (t)	Maximum Radius (t@m)					Speed (mph)	Engine Power (kW)	
Tadano	GT-300EL	30 @ 3	0.6 @ 32	34	14	48	3	85 km/h	240	33
Grove	TMS500-2	40 @ 2.2	.6 @ 38	29	13.7	39.1	3	65	261	40
Grove	TMS500-2	40 @ 2.2	.6 @ 36	31	13.7	42	3	65	261	40
Liebherr	LTF 1045-4.1	45 @ 2.5	0.8 @ 42	35	9.5	44	4	n/s	n/s	55
Link-Belt Cranes	65IHT	55 @ 2.1	1.45 @ 32	35	15.5	52.2	4	60.69	276	65
Tadano	GT-600EL	60 @ 2.7	0.6 @ 34	43	14.3	57.3	4	85 km/h	260	66
Liebherr	LTF 1060-4.1	60 @ 2.5	0.7 @ 48	40	16	56	4	n/s	n/s	70
Grove	TMS875-2	75	1.6 @ 41	39	25.6	59.2	4	65	336	75
Link-Belt Cranes	HTC/HTT-8675 Series II	64.25	1.45 @ 36	38.7	29.26	65.17	4	62.9	336	75
Grove	TMS800-2	80	1.6 @ 41	39	25.6	59.2	4	65	336	80
Tadano	GT-800XL-2	72.6 @ 2.4	0.7 @ 44	47	17.9	64.3	4	105 km/h	373	80
Tadano	GT-750EL	75 @ 2.7	0.6 @ 40	47	14.3	61.2	4	85 km/h	260	82
Link-Belt Cranes	HTC/HTT-86100	72.65	2.35 @ 40	42.7	27.5	67.3	4	62.9	336	100
Link-Belt Cranes	HTC/HTT-86110	85	1.9 @ 46	50	27.5	76.9	4	62	336	110
Grove	TMS9000-2	104	.6 @ 61	51.6	25.6	80.3	4	65	336	115
Grove	TTS9000-2	104	.6 @ 61	51.6	25.6	80.3	4	65	336	115
Link-Belt Cranes	120IHT	110 @ 2.1	1.9 @ 47	50	27.5	79.7	4	61	339	120
Link-Belt Cranes	120ITT	110 @ 2.1	1.9 @ 47	50	27.5	79.7	4	61	339	120
Link-Belt Cranes	120IHT LB	110 @ 2.1	.6 @ 53	60	17.7	80.1	4	61	339	120
Link-Belt Cranes	120ITT LB	110 @ 2.1	.6 @ 53	60	17.7	80.1	4	61	339	120
Tadano	GT-1200XL-2	110 @ 2.4	2.3 @ 47	51	17.9	67.4	4	105 km/h	373	120

BOOM TRUCKS BY MANUFACTURER

Manufacturer	Model	Max Hook Height (ft/inch)	Boom Length (ft/inch)	Jib Length (ft/inch)	Outrigger Type	Max Lift Capacity (US tons)
Altec	AC30-101B	109	101	44	Out-and-Down	30
Altec	AC40E-152S	207	152	49	Out-and-Down	40
Altec	AC45E-127S	189	127	55	Out-and-Down	45
Altec	AC65E-155S	206	155	50	Swing Out-and-Down	65
Elliott Equipment Company	1047	57	47	NA	A-Frame	10
Elliott Equipment Company	1056	96	56	18 or 30	A-Frame	10
Elliott Equipment Company	1870	120	70	23 or 40	A-Frame	18
Elliott Equipment Company	1881TM	91	81	NA	Out-and-Down	18
Elliott Equipment Company	2695	152	95	26 or 45	A-Frame	26
Elliott Equipment Company	26105	162	105	26 or 45	A-Frame	26
Elliott Equipment Company	3095	148	95	24 or 41	Out-and-Down	30
Elliott Equipment Company	30105	162	105	26 or 45	Out-and-Down	30
Elliott Equipment Company	34127	186	127	49	Out-and-Down	34
Elliott Equipment Company	34142	201	142	49	Out-and-Down	34
Elliott Equipment Company	36127	186	127	49	Out-and-Down	36
Elliott Equipment Company	36142	201	142	49	Out-and-Down	36
Elliott Equipment Company	40105	170	105	32 or 55	Out-and-Down	40
Elliott Equipment Company	40142	207	142	26 or 55	Out-and-Down	40
Elliott Equipment Company	45127	192	127	26 or 55	Out-and-Down	45
Elliott Equipment Company	45142	207	142	26 or 55	Out-and-Down	45
Load King	MU16	87	47	18-20	A Link-Type	10
Load King	10-47	87	47	18-30	A Link-Type	10
Load King	19-51TM	101	51	24-40	Out and down	19
Load King	19-70	120	70	24 - 40	A Link-Type	19
Load King	25-92	146	92	26 - 44	A Link-Type	25
Load King	25-92M	146	92	26-44	Out and down	25
Load King	28-106	163	106	30 - 47	A Link-Type	28
Load King	35-100	165	100	30.5 - 55	Out and down	35
Load King	35-127M	192	127	30.5 - 55	Out and down	35
Load King	35-127RS	192	127	30.5 - 55	Out and down	35
Load King	40-127RS	192	127	30.5 - 55	Out and down	40

BOOM TRUCKS BY MANUFACTURER

Manufacturer	Model	Max Hook Height (ft/inch)	Boom Length (ft/inch)	Jib Length (ft/inch)	Outrigger Type	Max Lift Capacity (US tons)
Load King	50-155	222	155	33 - 57	Swing out and down	50
Load King	60-150	217	150	33 - 57	Swing out and down	60
Load King	80-160	228	160	30 - 58	Swing out and down	40
Manitex	1770C	121	27 - 70	23.6 or 40.6	A-Link and Out-and-Down	17
Manitex	1970C	121	27 - 70	23.6 or 40.6	A-Link and Out-and-Down	19
Manitex	2085T	95	18.9-85	N/A	Out-and-Down	20
Manitex	2485C/T	95	18.9-85	N/A	Out-and-Down	24
Manitex	2250C/T	96	20 - 50	20 or 34	A-Link and Out-and-Down	22
Manitex	2262C/T	115	24 - 62	24 or 42	A-Link and Out-and-Down	22
Manitex	2277C	140	29 - 77	29 or 52	A-Link and Out-and-Down	22
Manitex	2281C/T	133	24 - 81	24 or 41	A-Link and Out-and-Down	22
Manitex	2277S	138	29 - 77	29 or 52	Out-and-Down	22
Manitex	22101S tandem axle	140	29 - 101.4	29.5 or 52	Out-and-Down	22
Manitex	22101S single axle	140	29 - 101.4	29.5 or 52	Out-and-Down	22
Manitex	124WL	135	37 - 124	n/s	A-Link and Out-and-Down	25
Manitex	26101C	142	29 - 101	26	A-Link and Out-and-Down	26
Manitex	2892C	149	28 - 92	26 or 46	A-Link and Out-and-Down	28
Manitex	30112S	168	33 - 112	26 or 46	Out-and-Down	30
Manitex	3071C	82	28 - 71	n/a	A-Link and Out-and-Down	30
Manitex	30102C	157	31 - 102	26 or 46	A-Link and Out-and-Down	30
Manitex	102WL	159	31 - 102	26 or 46	A-Link and Out-and-Down	30
Manitex	30100C	110.6	100	26-46	A-Link and Out-and-Down	30
Manitex	3051T	62	51	NA	A-LINK and Out-and-Down	30
Manitex	3577C	91	30 - 77	n/s	Out-and-Down	35
Manitex	35100C	167	31 - 100	31.6 or 55	Out-and-Down	35
Manitex	35124C	166	31 - 124	31	Out-and-Down	35
Manitex	4077S	87	31 - 77	n/a	Out-and-Down	40
Manitex	4077SHL	87	31 - 77	n/a	Out-and-Down	40
Manitex	40100S	165	31 - 100	31 or 55	Out-and-Down	40
Manitex	40100SHL	165	31 - 100	31 or 55	Out-and-Down	40
Manitex	40124S	187	31 - 124	31 or 55	Out-and-Down	40
Manitex	40124SHL	187	31 - 124	31 or 55	Out-and-Down	40
Manitex	TC400-127	190	31-127	31-55	Out-and-Down	40
Manitex	TC400-142	205	34-142	31-55	Out-and-Down	40
Manitex	TC450-127	190	31-127	31-55	Out-and-Down	45
Manitex	TC450-142	205	34-142	31-55	Out-and-Down	45
Manitex	4596T	152	31 - 96	32 or 49	Out-and-Down	45
Manitex	45110T	167.5	110	32-49 ft	Out-and-Down	45
Manitex	TC500-96	152	31 - 96	32 or 49	Out-and-Down	50
Manitex	TC500-110	164	34 - 110	32 or 49	Out-and-Down	50
Manitex	TC500-110HL	164	34 - 110	32 or 49	Out-and-Down	50
Manitex	TC500-155	203	38.5 - 155	39	Out-and-Down	50
Manitex	TC500-155HL	203	38.5 - 155	39	Out-and-Down	50
Manitex	TC500-128	185	38.5-185	32 or 39	Out-and-Down	50
Manitex	TC500-128HL	185	38.5 - 185	32 or 39	Out-and-Down	50
Manitex	TC500X-128	185	38.5 -185	32 or 39	Out-and-Down	50
Manitex	TC500X-155	203	38.5 - 185	32 or 39	Out-and-Down	50
Manitex	TC65131	194	131	30 - 50	Out-and-Down	65
Manitex	TC65159	207	159	38	Out-and-Down	65
National Crane	400B	66	56	n/s	A-type	10
National Crane	500E2	121	71	41	A-type	18
National Crane	600E2	121	90	45	A-type	20
National Crane	600H	99	90	45	HO-type	20
National Crane	800D	152	100	44	A-type	23
National Crane	900A	155	103	44	A-type	26
National Crane	NBT30H-2	119	110	44	HO-type	30
National Crane	1300A	163	110	44	HO-type	30
National Crane	1400H	165	127	30	HO-type	33
National Crane	1400A	172	127	30	HO-type	33

BOOM TRUCKS BY MANUFACTURER

Manufacturer	Model	Max Hook Height (ft/inch)	Boom Length (ft/inch)	Jib Length (ft/inch)	Outrigger Type	Max Lift Capacity (US tons)
National Crane	NBT40-2	204	142	55	HO-type	40
National Crane	NBT45-2	204	142	55	HO-type	45
National Crane	NBT50	179	128	45	X-type	50
National Crane	NBT50L	202	151	45	X-type	50
National Crane	NBT55	179	128	45	X-type	55
National Crane	NBT55L	202	151	45	X-type	55
National Crane	NTC55	179	128	45	X-type	55
National Crane	NTC55L	202	151	45	X-type	55
National Crane	NBT60	179	128	NA	X-type	60
National Crane	NBT60L	202	151	45	X-type	60
National Crane	NBT60XL	202	151	45	X-type	60
National Crane	NTC60XL	202	151	45	X-type	60

BOOM TRUCKS BY CAPACITY

Manufacturer	Model	Max Hook Height (ft/inch)	Boom Length (ft/inch)	Jib Length (ft/inch)	Outrigger Type	Max Lift Capacity (US tons)
Elliott Equipment Company	1047	57	47	NA	A-Frame	10
Elliott Equipment Company	1056	96	56	18 or 30	A-Frame	10
Load King	MU16	87	47	18-20	A Link-Type	10
Load King	10-47	87	47	18-30	A Link-Type	10
National Crane	400B	66	56	n/s	A-type	10
Manitex	1770C	121	27 - 70	23.6 or 40.6	A-Link and Out-and-Down	17
Elliott Equipment Company	1870	120	70	23 or 40	A-Frame	18
Elliott Equipment Company	1881TM	91	81	NA	Out-and-Down	18
National Crane	500E2	121	71	41	A-type	18
Load King	19-51TM	101	51	24-40	Out and down	19
Load King	19-70	120	70	24 - 40	A Link-Type	19
Manitex	1970C	121	27 - 70	23.6 or 40.6	A-Link and Out-and-Down	19
Manitex	2085T	95	18.9-85	N/A	Out-and-Down	20
National Crane	600E2	121	90	45	A-type	20
National Crane	600H	99	90	45	HO-type	20
Manitex	2250C/T	96	20 - 50	20 or 34	A-Link and Out-and-Down	22
Manitex	2262C/T	115	24 - 62	24 or 42	A-Link and Out-and-Down	22
Manitex	2277C	140	29 - 77	29 or 52	A-Link and Out-and-Down	22
Manitex	2281C/T	133	24 - 81	24 or 41	A-Link and Out-and-Down	22
Manitex	2277S	138	29 - 77	29 or 52	Out-and-Down	22
Manitex	22101S tandem axle	140	29 - 101.4	29.5 or 52	Out-and-Down	22
Manitex	22101S single axle	140	29 - 101.4	29.5 or 52	Out-and-Down	22
National Crane	800D	152	100	44	A-type	23
Manitex	2485C/T	95	18.9-85	N/A	Out-and-Down	24
Load King	25-92	146	92	26 - 44	A Link-Type	25
Load King	25-92M	146	92	26-44	Out and down	25
Manitex	124WL	135	37 - 124	n/s	A-Link and Out-and-Down	25
Elliott Equipment Company	2695	152	95	26 or 45	A-Frame	26
Elliott Equipment Company	26105	162	105	26 or 45	A-Frame	26
Manitex	26101C	142	29 - 101	26	A-Link and Out-and-Down	26
National Crane	900A	155	103	44	A-type	26
Load King	28-106	163	106	30 - 47	A Link-Type	28
Manitex	2892C	149	28 - 92	26 or 46	A-Link and Out-and-Down	28
Altec	AC30-101B	109	101	44	Out-and-Down	30
Elliott Equipment Company	3095	148	95	24 or 41	Out-and-Down	30
Elliott Equipment Company	30105	162	105	26 or 45	Out-and-Down	30
Manitex	30112S	168	33 - 112	26 or 46	Out-and-Down	30
Manitex	3071C	82	28 - 71	n/a	A-Link and Out-and-Down	30
Manitex	30102C	157	31 - 102	26 or 46	A-Link and Out-and-Down	30
Manitex	102WL	159	31 - 102	26 or 46	A-Link and Out-and-Down	30

BOOM TRUCKS BY CAPACITY

Manufacturer	Model	Max Hook Height (ft/inch)	Boom Length (ft/inch)	Jib Length (ft/inch)	Outrigger Type	Max Lift Capacity (US tons)
Manitex	30100C	110.6	100	26-46	A-Link and Out-and-Down	30
Manitex	3051T	62	51	NA	A-LINK and Out-and-Down	30
National Crane	NBT30H-2	119	110	44	HO-type	30
National Crane	1300A	163	110	44	HO-type	30
National Crane	1400H	165	127	30	HO-type	33
National Crane	1400A	172	127	30	HO-type	33
Elliott Equipment Company	34127	186	127	49	Out-and-Down	34
Elliott Equipment Company	34142	201	142	49	Out-and-Down	34
Load King	35-100	165	100	30.5 - 55	Out and down	35
Load King	35-127M	192	127	30.5 - 55	Out and down	35
Load King	35-127RS	192	127	30.5 - 55	Out and down	35
Manitex	3577C	91	30 - 77	n/s	Out-and-Down	35
Manitex	35100C	167	31 - 100	31.6 or 55	Out-and-Down	35
Manitex	35124C	166	31 - 124	31	Out-and-Down	35
Elliott Equipment Company	36127	186	127	49	Out-and-Down	36
Elliott Equipment Company	36142	201	142	49	Out-and-Down	36
Altec	AC40E-152S	207	152	49	Out-and-Down	40
Elliott Equipment Company	40105	170	105	32 or 55	Out-and-Down	40
Elliott Equipment Company	40142	207	142	26 or 55	Out-and-Down	40
Load King	40-127RS	192	127	30.5 - 55	Out and down	40
Load King	80-160	228	160	30 - 58	Swing out and down	40
Manitex	4077S	87	31 - 77	n/a	Out-and-Down	40
Manitex	4077SHL	87	31 - 77	n/a	Out-and-Down	40
Manitex	40100S	165	31 - 100	31 or 55	Out-and-Down	40
Manitex	40100SHL	165	31 - 100	31 or 55	Out-and-Down	40
Manitex	40124S	187	31 - 124	31 or 55	Out-and-Down	40
Manitex	40124SHL	187	31 - 124	31 or 55	Out-and-Down	40
Manitex	TC400-127	190	31 - 127	31-55	Out-and-Down	40
Manitex	TC400-142	205	34 - 142	31-55	Out-and-Down	40
National Crane	NBT40-2	204	142	55	HO-type	40
Altec	AC45E-127S	189	127	55	Out-and-Down	45
Elliott Equipment Company	45127	192	127	26 or 55	Out-and-Down	45
Elliott Equipment Company	45142	207	142	26 or 55	Out-and-Down	45
Manitex	TC450-127	190	31 - 127	31-55	Out-and-Down	45
Manitex	TC450-142	205	34 - 142	31-55	Out-and-Down	45
Manitex	4596T	152	31 - 96	32 or 49	Out-and-Down	45
Manitex	45110T	167.5	110	32-49 ft	Out-and-Down	45
National Crane	NBT45-2	204	142	55	HO-type	45
Load King	50-155	222	155	33 - 57	Swing out and down	50
Manitex	TC500-96	152	31 - 96	32 or 49	Out-and-Down	50
Manitex	TC500-110	164	34 - 110	32 or 49	Out-and-Down	50
Manitex	TC500-110HL	164	34 - 110	32 or 49	Out-and-Down	50
Manitex	TC500-155	203	38.5 - 155	39	Out-and-Down	50
Manitex	TC500-155HL	203	38.5 - 155	39	Out-and-Down	50
Manitex	TC500-128	185	38.5 - 185	32 or 39	Out-and-Down	50
Manitex	TC500-128HL	185	38.5 - 185	32 or 39	Out-and-Down	50
Manitex	TC500X-128	185	38.5 - 185	32 or 39	Out-and-Down	50
Manitex	TC500X-155	203	38.5 - 185	32 or 39	Out-and-Down	50
National Crane	NBT50	179	128	45	X-type	50
National Crane	NBT50L	202	151	45	X-type	50
National Crane	NBT55	179	128	45	X-type	55
National Crane	NBT55L	202	151	45	X-type	55
National Crane	NTC55	179	128	45	X-type	55
National Crane	NTC55L	202	151	45	X-type	55
Load King	60-150	217	150	33 - 57	Swing out and down	60
National Crane	NBT60	179	128	NA	X-type	60
National Crane	NBT60L	202	151	45	X-type	60
National Crane	NBT60XL	202	151	45	X-type	60
National Crane	NTC60XL	202	151	45	X-type	60

BOOM TRUCKS BY CAPACITY

Manufacturer	Model	Max Hook Height (ft/inch)	Boom Length (ft/inch)	Jib Length (ft/inch)	Outrigger Type	Max Lift Capacity (US tons)
Altec	AC65E-155S	206	155	50	Swing Out-and-Down	65
Manitex	TC65131	194	131	30 - 50	Out-and-Down	65
Manitex	TC65159	207	159	38	Out-and-Down	65

CRAWLER CRANES BY MANUFACTURER

Manufacturer	Model	Maximum Load @3m (t)	Load at		Boom Length		Maximum Travel Speed (m/min)	Capacity US Tons
			Maximum Load @3m (t)	Radius (t@m)	Minimum/Maximum (m/m)	Maximum Main Boom Extension (m)		
Kobelco	CK800G-3	72.4 @ 3.7	1.2 @ 52	70	15.2/61.0	18	28.7	80
Kobelco	CK850G-3	77 @ 3.0	1.2 @ 52	70	12.2/61.0	18	28.7	85
Kobelco	CK1100G-3	100 @ 3.3	1.6 @ 52	74	12.2/61.0	18	28.7	110
Kobelco	CK1200G-3	109 @ 3.6	1.6 @ 56.5	92	15.2/70.1	52	23.3	120
Kobelco	CK1200G-3 HDO	109 @ 3.6	1.6 @ 56.5	92	15.2/70.1	52	23.3	120
Kobelco	CK1600G-3	145 @ 4.6	1.9 @ 75.0	99	15.2/76.5	53	21.7	160
Kobelco	CK2000G-3	181 @ 3.7	2.0 @ 84.0	105	15.2/85.6	52	18.3	200
Kobelco	CK2750G-3	250 @ 4.6	2.5 @ 86.0	121	15.2/91.7	61	16.7	275
Kobelco	CK3300G-2	300 @ 5.5	2.7 @ 92.0	122	24.0/90.2	66	16.6	330
Kobelco	CK3300G-2 (SHL)	350 @ 8.0	8.7 @ 101.0	171	30.0/102.0	90	16.6	385
Lampson	LTL-350	317	3.9 @ 88.4	103.9	42.6/103.6	42.6	26.8	350
Lampson	LTL-500	453	15.4 @ 76.2	86.1	42.6/85.3	42.6	26.8	500
Lampson	LTL-850	798	8.2 @ 120.4	122.2	48.7/121.9	60.9	26.8	850
Lampson	LTL-1000	907	49.4 @ 121.9	122.2	48.7/121.9	60.9	26.8	1,000
Lampson	LTL-1100	997	70.3 @ 121.9	122.2	48.7/121.9	73.1	26.8	1,100
Lampson	LTL-1200	1430	10 @ 140.2	142.3	67.0/140.2	73.1	26.8	1,500
Lampson	LTL-1500	1430	10 @ 140.2	142.3	67.0/140.2	73.1	26.8	1,500
Lampson	LTL-2600	2358	208 @ 140.2	142.3	67.0/140.2	73.1	26.8	2600
Lampson	LTL-3000	2721	279 @ 140.2	142.3	67.0/140.2	73.1	26.8	3000
Liebherr	HS 8040.1 Duty Cycle	40	1.2 @ 36	45	18.5/68	50	30.8	44
Liebherr	HS 8070.1 Duty Cycle	70	1.1 @ 46	54	20.7/60	56	25	77
Liebherr	LR 1100.1	100	2.1 @ 62	98	14/62	62	25	110
Liebherr	HS 8100.2 Duty Cycle	100	1 @ 52	60	14/59	62	22.33	110
Liebherr	LR 1110	115.5	2.5 @ 65	105.9	14/71	71	22.5	127
Liebherr	HS 8130.1 Duty Cycle	130	0.5 @ 50	72	14/53	74	21.66	143
Liebherr	LR 1130.1	137.2 @ 3.4m	2.2 @ 80	120	17.0/80.0	92.6	35	151
Liebherr	LR 1130.1 unplugged	137.2 @ 3.4m	2.2 @ 80	120	17.0/80.0	92.6	35	151
Liebherr	LR 1160.1	160 @ 3.9m	2.8 @ 85.0	129	20.0/87.5	104.9	25	177
Liebherr	LR 1160.1 unplugged	160 @ 3.9m	2.8 @ 85.1	130	20.0/87.6	104.9	25	177
Liebherr	LR 1200.1	220 @ 4.1m	2.3 @ 95	142	20.0/89.0	117	26.6	242
Liebherr	LR 1200.1 unplugged	220 @ 4.1m	2.3 @ 96	143	20.0/89.1	117	26.6	242
Liebherr	HS 8200 Duty Cycle	200 @ 4.8	2.6 @ 67		20/68		21.7	220
Liebherr	LR 1250.1	250 @ 4.1m	2.3 @ 95	142	20.0/86.0	117	26.6	275
Liebherr	LR 1250.1 unplugged	250 @ 4.1m	2.3 @ 96	143	20.0/86.1	117	26.6	275
Liebherr	LR 1300.1 SX	300.5 @ 4.3m	3.3 @ 105	164	20.0/92.0	123.13	21.6	331
Liebherr	HS 8300.2	300	2.9 @ 60	72	20/68	68	25	323
Liebherr	LR 1400 SX	400 @ 4.9		172.6	20/95	113		440
Liebherr	LR 1500	500 @ 7.5m	3.3 @ 144	164	36/132	84	25	550
Liebherr	LR 1700-1.0	700 @ 8.5m	9.2 @ 160	196	24/165	96	20	770
Liebherr	LR 1700-1.0W	700 @ 8.5m	8 @ 160	198	24/165	96	20	770
Liebherr	LR 1800-1.0	800 @ 9m	7.1 @ 164	202	36/180	102	25	880
Liebherr	LR 11000	1000 @ 11m	6.1 @ 180	220	18/168	114	23.5	1,200
Liebherr	LR 11350	1350 @ 12m	30.6 @ 140	220	30/150	84	18	1,500
Liebherr	LR 12500-1.0	2500 @ 10m	62 @ 180	200	60/162	108	18	2,750
Liebherr	LR 13000	3000 @ 12m	29 @ 200	236	60/144	126	n/s	3,300
Link-Belt Cranes	138 HSL	73	0.7 @ 57.9	58.5	12.2/61	18.3	32.2	80
Link-Belt Cranes	218lv	100	1.2 @ 61	67.7	12.19/70.1	22.9	32.2	110

CRAWLER CRANES BY MANUFACTURER

Manufacturer	Model	Maximum Load @3m (t)	Load at	Maximum Hook Height (m)	Boom Length	Maximum Main Boom Extension (m)	Maximum Travel Speed (m/min)	Capacity US Tons
			Maximum Radius (t@m)		Minimum/ Maximum (m/m)			
Link-Belt Cranes	228 HSL	117.9	1.4 @ 61	85.7	13.72/71.65	22.9	32.2	130
Link-Belt Cranes	238 HSL	136	1.4 @ 70.1	93.9	15.2/79.3	24.4	26.8	150
Link-Belt Cranes	248 HSL	181	1.1 @ 76.2	105.7	16.7/86.6	30.5	23.3	200
Link-Belt Cranes	298 Series 2	227	1.5 @ 86.4	110.7	18.3/88.3	27.4	26.6	250
Link-Belt Cranes	348 Series 2	272.2	1.1 @ 82.3	132.6	21.3/108.2	42.7	26.6	300
Manitowoc	MLC80A-1	72.5	1.9 @ 50	62.3	19/61	18.3	45.6	80
Manitowoc	MLC90A-1	79.3	1.9 @ 50	62.3	19/61	18.3	45.6	90
Manitowoc	MLC100A-1	90.6	1.9 @ 50	62.3	16/61	18.3	45.6	100
Manitowoc	MLC100-1	100	1.9 @ 50	62.3	13/61	18.3	45.6	110
Manitowoc	MLC150-1	150	1.3 @ 66.5	78.9	15/78	24.4	35	165
Manitowoc	MLC165-1	165	1.7 @ 62	51.8	15/84	24.4	51.7	181
Manitowoc	MLC250	250	2.2 @ 88	94.4	21/88	15.2	26.8	275
Manitowoc	MLC300	300	5.2 @ 80	102	30/102	30	21.7	330
Manitowoc	MLC650	650	8.8 @ 82	101	32/104	26	21.7	716
Manitowoc	31000	2300	48 @ 150	42	55/110	24	10	2,535
SANY America	SCA1000A	100 @ 3.8	1.5 @ 58	73.9	13/64	22.5	32.2	110
SANY America	SCA1350A	136 @ 4.6	2.1 @ 78	96	16/76	52	21.5	150
SANY America	SCA2600A	272.2 @ 5	1.5 @ 85	126.5	20/92	63	16.6	300
SANY America	SCA4000A	400 @ 6	28.9 @ 108	162.5	24/123	81	16.1	440
Tadano	CC 24.400-1	400	5.5 @ 142	166	24 / 126	84	33.33	440
Tadano	CC 38.650-1	650	15.5 @ 161	193	36 / 171	96	18.33	715
Tadano	PC 38.650-1	650	15.5 @ 161	193	36/ 171	96	on outriggers	715
Tadano	CC 68.1250-1	1250	9.0 @ 174	206	36/ 168	108	18.33	1,375
Tadano	CC 88.1600-1	1600	14.0 @ 174	239	54 / 156	120	13.33	1,760
Tadano	CC 88.3200-1	3200	123 @ 129	234	54 / 156	117	13.33	3,525
Zoomlion	ZCC1100	100 @ 3.2	1.5 @ 55	67	13/67	18	21	110
Zoomlion	ZCC2600	260 @ 5	2.4 @ 92	95	20/83	60	16.67	286

CRAWLER CRANES BY CAPACITY

Manufacturer	Model	Maximum Load @3m (t)	Load at	Maximum Hook Height (m)	Boom Length	Maximum Main Boom Extension (m)	Maximum Travel Speed (m/min)	Capacity US Tons
			Maximum Radius (t@m)		Minimum/ Maximum (m/m)			
Liebherr	HS 8040.1 Duty Cycle	40	1.2 @ 36	45	18,568	50	30.8	44
Liebherr	HS 8070.1 Duty Cycle	70	1.1 @ 46	54	20,760	56	25	77
Kobelco	CK800G-3	72.4 @ 3.7	1.2 @ 52	70	15.2/61.0	18	28.7	80
Link-Belt Cranes	138 HSL	73	0.7 @ 57.9	58.5	12.2/61	18.3	32.2	80
Manitowoc	MLC80A-1	72.5	1.9 @ 50	62.3	19/61	18.3	45.6	80
Kobelco	CK850G-3	77 @ 3.0	1.2 @ 52	70	12.2/61.0	18	28.7	85
Manitowoc	MLC90A-1	79.3	1.9 @ 50	62.3	19/61	18.3	45.6	90
Manitowoc	MLC100A-1	90.6	1.9 @ 50	62.3	16/61	18.3	45.6	100
Kobelco	CK1100G-3	100 @ 3.3	1.6 @ 52	74	12.2/61.0	18	28.7	110
Liebherr	LR 1100.1	100	2.1 @ 62	98	14/62	62	25	110
Liebherr	HS 8100.2 Duty Cycle	100	1 @ 52	60	14/59	62	22.33	110
Link-Belt Cranes	218lv	100	1.2 @ 61	67.7	12.19/70.1	22.9	32.2	110
Manitowoc	MLC100-1	100	1.9 @ 50	62.3	13/61	18.3	45.6	110
SANY America	SCA1000A	100 @ 3.8	1.5 @ 58	73.9	13/64	22.5	32.2	110
Zoomlion	ZCC1100	100 @ 3.2	1.5 @ 55	67	13/67	18	21	110
Kobelco	CK1200G-3	109 @ 3.6	1.6 @ 56.5	92	15.2/70.1	52	23.3	120
Kobelco	CK1200G-3 HDD	109 @ 3.6	1.6 @ 56.5	92	15.2/70.1	52	23.3	120
Liebherr	LR 1110	115.5	2.5 @ 65	105.9	14/71	71	22.5	127
Link-Belt Cranes	228 HSL	117.9	1.4 @ 61	85.7	13.72/71.65	22.9	32.2	130
Liebherr	HS 8130.1 Duty Cycle	130	0.5 @ 50	72	14/53	74	21.66	143
Link-Belt Cranes	238 HSL	136	1.4 @ 70.1	93.9	15.2/79.3	24.4	26.8	150
SANY America	SCA1350A	136 @ 4.6	2.1 @ 78	96	16/76	52	21.5	150

CRAWLER CRANES BY CAPACITY

Manufacturer	Model	Load at	Load at	Maximum Hook Height (m)	Boom Length	Maximum Main Boom Extension (m)	Maximum Travel Speed (m/min)	Capacity US Tons
		Maximum Load @3m (t)	Maximum Radius (t@m)		Minimum/Maximum (m/m)			
Liebherr	LR 1130.1	137.2 @ 3.4m	2.2 @ 80	120	17.0/80.0	92.6	35	151
Liebherr	LR 1130.1 unplugged	137.2 @ 3.4m	2.2 @ 80	120	17.0/80.0	92.6	35	151
Kobelco	CK1600G-3	145 @ 4.6	1.9 @ 75.0	99	15.2/76.5	53	21.7	160
Manitowoc	MLC150-1	150	1.3 @ 66.5	78.9	15/78	24.4	35	165
Liebherr	LR 1160.1	160 @ 3.9m	2.8 @ 85.0	129	20.0/87.5	104.9	25	177
Liebherr	LR 1160.1 unplugged	160 @ 3.9m	2.8 @ 85.1	130	20.0/87.6	104.9	25	177
Manitowoc	MLC165-1	165	1.7 @ 62	51.8	15/84	24.4	51.7	181
Kobelco	CK2000G-3	181 @ 3.7	2.0 @ 84.0	105	15.2/85.6	52	18.3	200
Link-Belt Cranes	248 HSL	181	1.1 @ 76.2	105.7	16.7/86.6	30.5	23.3	200
Liebherr	HS 8200 Duty Cycle	200 @ 4.8	2.6 @ 67		20/68		21.7	220
Liebherr	LR 1200.1	220 @ 4.1m	2.3 @ 95	142	20.0/89.0	117	26.6	242
Liebherr	LR 1200.1 unplugged	220 @ 4.1m	2.3 @ 96	143	20.0/89.1	117	26.6	242
Link-Belt Cranes	298 Series 2	227	1.5 @ 86.4	110.7	18.3/88.3	27.4	26.6	250
Kobelco	CK2750G-3	250 @ 4.6	2.5 @ 86.0	121	15.2/91.7	61	16.7	275
Liebherr	LR 1250.1	250 @ 4.1m	2.3 @ 95	142	20.0/86.0	117	26.6	275
Liebherr	LR 1250.1 unplugged	250 @ 4.1m	2.3 @ 96	143	20.0/86.1	117	26.6	275
Manitowoc	MLC250	250	2.2 @ 88	94.4	21/88	15.2	26.8	275
Zoomlion	ZCC2600	260 @ 5	2.4 @ 92	95	20/83	60	16.67	286
Link-Belt Cranes	348 Series 2	272.2	1.1 @ 82.3	132.6	21.3/108.2	42.7	26.6	300
SANY America	SCA2600A	272.2 @ 5	1.5 @ 85	126.5	20/92	63	16.6	300
Liebherr	HS 8300.2	300	2.9 @ 60	72	20/68	68	25	323
Kobelco	CK3300G-2	300 @ 5.5	2.7 @ 92.0	122	24.0/90.2	66	16.6	330
Manitowoc	MLC300	300	5.2 @ 80	102	30/102	30	21.7	330
Liebherr	LR 1300.1 SX	300.5 @ 4.3m	3.3 @ 105	164	20.0/92.0	123.13	21.6	331
Lampson	LTL-350	317	3.9 @ 88.4	103.9	42.6/103.6	42.6	26.8	350
Kobelco	CK3300G-2 (SHL)	350 @ 8.0	8.7 @ 101.0	171	30.0/102.0	90	16.6	385
Liebherr	LR 1400 SX	400 @ 4.9		172.6	20/95	113		440
SANY America	SCA4000A	400 @ 6	28.9 @ 108	162.5	24/123	81	16.1	440
Tadano	CC 24.400-1	400	5.5 @ 142	166	24 / 126	84	33.33	440
Lampson	LTL-500	453	15.4 @ 76.2	86.1	42.6/85.3	42.6	26.8	500
Liebherr	LR 1500	500 @ 7.5m	3.3 @ 144	164	36/132	84	25	550
Tadano	CC 38.650-1	650	15.5 @ 161	193	36 / 171	96	18.33	715
Tadano	PC 38.650-1	650	15.5 @ 161	193	36/ 171	96	on outriggers	715
Manitowoc	MLC650	650	8.8 @ 82	101	32/104	26	21.7	716
Liebherr	LR 1700-1.0	700 @ 8.5m	9.2 @ 160	196	24/165	96	20	770
Liebherr	LR 1700-1.0W	700 @ 8.5m	8 @ 160	198	24/165	96	20	770
Lampson	LTL-850	798	8.2 @ 120.4	122.2	48.7/121.9	60.9	26.8	850
Liebherr	LR 1800-1.0	800 @ 9m	7.1 @ 164	202	36/180	102	25	880
Lampson	LTL-1000	907	49.4 @ 121.9	122.2	48.7/121.9	60.9	26.8	1,000
Lampson	LTL-1100	997	70.3 @ 121.9	122.2	48.7/121.9	73.1	26.8	1,100
Liebherr	LR 11000	1000 @ 11m	6.1 @ 180	220	18/168	114	23.5	1,200
Tadano	CC 68.1250-1	1250	9.0 @ 174	206	36/ 168	108	18.33	1,375
Lampson	LTL-1200	1430	10 @ 140.2	142.3	67.0/140.2	73.1	26.8	1,500
Lampson	LTL-1500	1430	10 @ 140.2	142.3	67.0/140.2	73.1	26.8	1,500
Liebherr	LR 11350	1350 @ 12m	30.6 @ 140	220	30/150	84	18	1,500
Tadano	CC 88.1600-1	1600	14.0 @ 174	239	54 / 156	120	13.33	1,760
Manitowoc	31000	2300	48 @ 150	42	55/110	24	10	2,535
Lampson	LTL-2600	2358	208 @ 140.2	142.3	67.0/140.2	73.1	26.8	2600
Liebherr	LR 12500-1.0	2500 @ 10m	62 @ 180	200	60/162	108	18	2,750
Lampson	LTL-3000	2721	279 @ 140.2	142.3	67.0/140.2	73.1	26.8	3000
Liebherr	LR 13000	3000 @ 12m	29 @ 200	236	60/144	126	n/s	3,300
Tadano	CC 88.3200-1	3200	123 @ 129	234	54 / 156	117	13.33	3,525

TELESCOPIC CRAWLERS BY MANUFACTURER

Manufacturer	Model	Load at			Boom Length Minimum/ Maximum (m/m)	Maximum Main Boom Extension (m)	Maximum Travel Speed (m/min)	Capacity US Tons
		Maximum Load @3m (t)	Maximum Radius (t@m)	Maximum Hook Height (m)				
Grove	GHC30	30 @ 2.5	0.8 @ 30	40.2	10/25.2	13	50	30
Grove	GHC75	70 @ 2	0.7 @ 44	52.7	11.0/36	15	45	75
Grove	GHC50	45	0.8 @ 36	45.4	9.4/30.4	13	41.5	50
Grove	GHC55	50 @ 2	0.8 @ 36	45.4	9.4/30.4	13	41.5	55
Grove	GHC85	85	0.6 @ 50	60.7	11.0/42.0	15	41.5	85
Grove	GHC110	100	0.9 @ 56	64	12.3/46.8	15	41.5	110
Grove	GHC130	120 @ 2.5	1.0 @ 62	70	12.6/40.2	27	41.5	132
Grove	GHC140	127	1.1 @ 64	70	12.3/52.2	15	41.5	140
Liebherr	LTR 1060	60 @ 2	0.5 @ 50	55	10.2/40.0	16	50	65
Liebherr	LTR 1220	220	0.8 @ 88	101	13.3/60.0	43	31.7	250
Liebherr	LTR 1040	42.3	0.5 @ 38	55	10.2/40	16	50	50
Liebherr	LTR 1100	100 @ 2.5	0.9 @ 60	83	11.5/52.0	19	46.6	110
Liebherr	LTR 1150	150	0.5 @ 76	83	11.5/52.0	33	37.5	170
Link-Belt Cranes	TCC-550	51	0.4 @ 46	49.5	11.2/35.1	15.6	53.3	55
Link-Belt Cranes	TCC-800	75	0.5 @ 48	53.1	11.8/36.6	17.7	53.3	80
Link-Belt Cranes	TCC-1200	110	.6 @ 56	64.3	12.2/45.7	16.8	53.3	120
Link-Belt Cranes	TCC-1400	123	.6 @ 60	75.5	12.9/59.5	16.8	53.3	140
Link-Belt Cranes	TCC-2500	230	.9 @ 86	102.4	13.3/68	35.7	42.9	250
Maeda	CC1485	n/s	16.1	22	n/s	n/s	n/s	6.61
Manitex Valla	20 TRX	2	880 lbs @ 9 ft	14.5 ft	1.6 & 4	n/s	53.3	2.2
Manitex Valla	90 TRX	9	4,138 lbs @ 18 ft	28 ft	n/s	n/s	53.3	9.9
SANY America	SCA900TB	90 @ 3	1.8 @ 36	64	12.2/47	17.5	42.9	90
SANY America	SCA1600TB	160 @ 2.7	1.1 @ 59.4	64	12.9/60	15.5	42.9	160
Tadano	GTC-2000	156.5	1.1 @ 62	85	12.9/60	23	38.3	172
Tadano	GTC-1600	110.6	1.0 @ 64	92	13.1/61	32	42.9	160
Tadano	GTC-350	32	0.4 @ 38	40	10.9/27.2	27.2	64.3	35
Tadano	GTC-550	45	0.2 @ 41	49.9	11.0/34.7	15.2	48.3	55
Tadano	GTC-700	62	1.0 @ 47	55.2	11.5/36	17.7	61.7	70
Tadano	GTC-900	81	0.4 @ 58	60.4	11.5/43	17.7	56.3	90
Tadano	GTC-1300	120	1.0 @ 54	79	12.8/47.2	32	37.6	130

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TELESCOPIC CRAWLERS BY CAPACITY

Manufacturer	Model	Load at		Maximum Hook Height (m)	Boom Length Minimum/Maximum (m/m)	Maximum Main Boom Extension (m)	Maximum Travel Speed (m/min)	Capacity US Tons
		Maximum Load @3m (t)	Maximum Radius (t@m)					
Manitex Valla	20 TRX	2	880 lbs @ 9 ft	14.5 ft	1.6 & 4	n/s	53.3	2.2
Maeda	CC1485	n/s	16.1	22	n/s	n/s	n/s	6.61
Manitex Valla	90 TRX	9	4,138 lbs @ 18 ft	28 ft	n/s	n/s	53.3	9.9
Grove	GHC30	30 @ 2.5	0.8 @ 30	40.2	10.2/25.2	13	50	30
Tadano	GTC-350	32	0.4 @ 38	40	10.9/27.2	27.2	64.3	35
Grove	GHC50	45	0.8 @ 36	45.4	9.4/30.4	13	41.5	50
Liebherr	LTR 1040	42.3	0.5 @ 38	55	10.2/40	16	50	50
Grove	GHC55	50 @ 2	0.8 @ 36	45.4	9.4/30.4	13	41.5	55
Link-Belt Cranes	TCC-550	51	0.4 @ 46	49.5	11.2/35.1	15.6	53.3	55
Tadano	GTC-550	45	0.2 @ 41	49.9	11.0/34.7	15.2	48.3	55
Liebherr	LTR 1060	60 @ 2	0.5 @ 50	55	10.2/40.0	16	50	65
Tadano	GTC-700	62	1.0 @ 47	55.2	11.5/36	17.7	61.7	70
Grove	GHC75	70 @ 2	0.7 @ 44	52.7	11.0/36	15	45	75
Link-Belt Cranes	TCC-800	75	0.5 @ 48	53.1	11.8/36.6	17.7	53.3	80
Grove	GHC85	85	0.6 @ 50	60.7	11.0/42.0	15	41.5	85
SANY America	SCA900TB	90 @ 3	1.8 @ 36	64	12.2/47	17.5	42.9	90
Tadano	GTC-900	81	0.4 @ 58	60.4	11.5/43	17.7	56.3	90
Grove	GHC110	100	0.9 @ 56	64	12.3/46.8	15	41.5	110
Liebherr	LTR 1100	100 @ 2.5	0.9 @ 60	83	11.5/52.0	19	46.6	110
Link-Belt Cranes	TCC-1200	110	.6 @ 56	64.3	12.2/45.7	16.8	53.3	120
Tadano	GTC-1300	120	1.0 @ 54	79	12.8/47.2	32	37.6	130
Grove	GHC130	120 @ 2.5	1.0 @ 62	70	12.6/40.2	27	41.5	132
Grove	GHC140	127	1.1 @ 64	70	12.3/52.2	15	41.5	140
Link-Belt Cranes	TCC-1400	123	.6 @ 60	75.5	12.9/59.5	16.8	53.3	140
SANY America	SCA1600TB	160 @ 2.7	1.1 @ 59.4	64	12.9/60	15.5	42.9	160
Tadano	GTC-1600	110.6	1.0 @ 64	92	13.1/61	32	42.9	160
Liebherr	LTR 1150	150	0.5 @ 76	83	11.5/52.0	33	37.5	170
Tadano	GTC-2000	156.5	1.1 @ 62	85	12.9/60	23	38.3	172
Liebherr	LTR 1220	220	0.8 @ 88	101	13.3/60.0	43	31.7	250
Link-Belt Cranes	TCC-2500	230	.9 @ 86	102.4	13.3/68	35.7	42.9	250



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MEGA CRANES BY MANUFACTURER

*a division of Buckner Heavy Lift Cranes and Van Es Group

Manufacturer	Model	Maximum Load (t)	Load at Maximum Radius (t@m)	Maximum Hook Height (m)	Boom Length Minimum/Maximum (m/m)	Capacity Metric tons	Capacity US Tons
Deep South	VersaCrane TC 36000/2	2,721	1,044 @ 55	228	88.3	2,721	3,000
HLCC*	LRC 7500	6,820	390 @ 203	220 (with fixed jib)	91/270	6,820	7,500
HLCC*	LRC 7500	6,820	545 @ 203	220 (with fixed jib)	91/270	6,820	7,500
Lampson	LTL-2600	2,358	208 @ 140.2	142.3	67/140.2	2,358	2,600
Lampson	LTL-3000	2,721	279 @ 140.2	142.3	67/140.2	2,680	3,000
Liebherr	LR 12500-1.0	2,500		200	60/162	2,500	2,750
Liebherr	LR 13000	3,000	29 @ 200	236	60/144	3,000	3,300
Mammoet	MSG80-DS	3,100	230 @ 120	142	50/142	3,100	3,420
Mammoet	PTC150-DS	4,500	265 @ 180	208	83/206	4,500	5,000
Mammoet	PTC210-DS	4,500	305 @ 200	248	83/246	4,500	5,000
Mammoet	SK190	4,300	245 @ 196	213	89/242	4,300	4,740
Mammoet	SK350	5,000	355 @ 225	231	89/242	5,000	5,511
Mammoet	SK6,000	6,100	705 @ 203	183	131/175	6,100	6,725
Manitowoc	31000	2,300	80.1 @ 130	154.6	55/150	2,300	2,535
Sarens	SGC-90	2,325	225 @ 180	180	100/130	2,325	2,563
Sarens	SGC-140	3,200	228 @ 200	210	88.9/130	3,200	3,527
Sarens	SGC-120	3,200	150 @ 200	210	88.9/118/130	3,200	3,527
Sarens	SGC-250	5,000	305 @ 265	235	118/160	5,000	5,511
Tadano	CC 88.3200-1	3,200	123 @ 129	222	54/234	3,197	3,525

MEGA CRANES BY CAPACITY

*a division of Buckner Heavy Lift Cranes and Van Es Group

Manufacturer	Model	Maximum Load (t)	Load at Maximum Radius (t@m)	Maximum Hook Height (m)	Boom Length Minimum/Maximum (m/m)	Capacity Metric tons	Capacity US Tons
Manitowoc	31000	2,300	80.1 @ 130	154.6	55/150	2,300	2,535
Sarens	SGC-90	2,325	225 @ 180	180	100/130	2,325	2,563
Lampson	LTL-2600	2,358	208 @ 140.2	142.3	67/140.2	2,358	2,600
Liebherr	LR 12500-1.0	2,500		200	60/162	2,500	2,750
Deep South	VersaCrane TC 36000/2	2,721	1,044 @ 55	228	88.3	2,721	3,000
Lampson	LTL-3000	2,721	279 @ 140.2	142.3	67/140.2	2,680	3,000
Liebherr	LR 13000	3,000	29 @ 200	236	60/144	3,000	3,300
Mammoet	MSG80-DS	3,100	230 @ 120	142	50/142	3,100	3,420
Tadano	CC 88.3200-1	3,200	123 @ 129	222	54/234	3,197	3,525
Sarens	SGC-140	3,200	228 @ 200	210	88.9/130	3,200	3,527
Sarens	SGC-120	3,200	150 @ 200	210	88.9/118/130	3,200	3,527
Mammoet	SK190	4,300	245 @ 196	213	89/242	4,300	4,740
Mammoet	PTC150-DS	4,500	265 @ 180	208	83/206	4,500	5,000
Mammoet	PTC210-DS	4,500	305 @ 200	248	83/246	4,500	5,000
Mammoet	SK350	5,000	355 @ 225	231	89/242	5,000	5,511
Sarens	SGC-250	5,000	305 @ 265	235	118/160	5,000	5,511
Mammoet	SK6,000	6,100	705 @ 203	183	131/175	6,100	6,725
HLCC*	LRC 7500	6,820	390 @ 203	220 (with fixed jib)	91/270	6,820	7,500
HLCC*	LRC 7500	6,820	545 @ 203	220 (with fixed jib)	91/270	6,820	7,500

LUFFING JIB BY MANUFACTURER

Manufacturer	Model	Max lifting capacity	Max load up to? radius (t@m)	Max load @max radius	Max. Hook Height (m)	Min jib length (m)	Max Hoist speed (m/min)	Min Hoist Speed	Max free standing height (m)	Max jib angle (°)
COMANSA	LCL165 8t	8	8 @25	2.5 @50	820	30 to 50	310	0	56.6	87
COMANSA	LCL 165 12t	12	12 @15	2.3 @50	640	30 to 50	330	0	56.6	87
COMANSA	LCL 190 12t	12	12 @20	1.5 @60	640	30 to 60	330	0	63.1	87
COMANSA	LCL 280 12t	12	12 @30	2.9 @60	640	30 to 60	330	0	53.2	87
COMANSA	LCL 310 12t	12	12 @30	3.5 @60	640	30 to 60	330	0	59	87
COMANSA	LCL 190 18t	18	18 @15	1.5 @60	640	30 to 60	224	0	63.1	87
COMANSA	LCL 280 18t	18	18 @25	2.9 @60	640	30 to 60	224	0	53.2	87
COMANSA	LCL 310 18t	18	18 @20	3.5 @60	640	30 to 60	224	0	59	87
COMANSA	LCL 280 24t	24	24 @15	2.6 @60	725	30 to 60	204	0	53.2	87
COMANSA	LCL 310 24t	24	24 @15	3.2 @60	725	30 to 60	204	0	59	87
COMANSA	LCL 560 36t	36	36 @20	5.1 @65	610	30 to 65	153	0	75.3	87
COMANSA	LCL 800 50t	50	50 @20	8.7 @65	830	30 to 65	133	0	69.8	88
COMANSA	LCL 800 64t	64	64 @15	8.5 @65	530	30 to 65	128	0	69.8	88
COMANSA	LCH 300 16t	16	16 @21.2	3.4 @60	350	30 to 60	164	0	57.2	86
ENG	ETH106 (Hydraulic special luffer)	8	8 @20.1	1.3 @41	292	14	154	5	85.5	87
ENG	ETH186 (Hydraulic special luffer)	12	12 @26	1.9 @50	450	14	120	5	105.5	87
ENG	ETH276 (Hydraulic special luffer)	16	16 @27.8	2.6 @56	454	20	150	5	105.5	87
ENG	EDL110 (Hybrid Luffer/Flat top)	8	8 @23.4	1.71 @44.5	292	12	154	5	84.6	87
ENG	EDL150 (Hybrid Luffer/Flat top)	10	10 @26.3	2.53 @50.5	267	18	130	5	93.4	87
ENG	EDL230 (Hybrid Luffer/Flat top)	16	16 @25.7	2.7 @56.5	454	23	150	5	91	87
ENG	ETL243	16	16 @24	2.59 @56	454	29	150	5	94.5	85
ENG	ETL303	20	20 @26	3.19 @60	545	29	216	6	90.8	85
Favelle Favco	M220D	32	32 @10	3.0 @53	n/s	27/55	210	n/s	56	85
Favelle Favco	M380F	32	32 @15	3.0 @63	n/s	36/64	250	n/s	56	85
Favelle Favco	M440D	50	50 @13	2.7 @65	n/s	36/69	158	n/s	56	85
Favelle Favco	MK440E	50	50 @13	2.7 @65	n/s	32/69	160	n/s	56	85
Favelle Favco	M760D	64	64 @15	4.0 @70	n/s	36/73	122	n/s	56	85
Favelle Favco	MK760E	64	64 @12	4.0 @70	n/s	36/73	150	n/s	56	85
Favelle Favco	M900F	64	64 @15	7.5 @72	n/s	36/73	111	n/s	56	85
Favelle Favco	M1280D	150	150 @17.4	12.1 @81	n/s	36/83	110	n/s	72	85
Favelle Favco	M2480D	330	330 @14.4	20.6 @91	n/s	27/93	95	n/s	76	85
Jaso	J80PA	5	5.0 @18.3	1.3 @40	246	25.5	100	16	75.3	n/s
Jaso	J118HPA (Hydraulic luffing crane)	6	6.0 @25.1	1.6 @45	452	30	80	14	68	n/s
Jaso	J168HPA (Hydraulic luffing crane)	6	6.0 @30.0	2.5 @50	434	30	80	14	70.1	n/s
Jaso	J198HPA (Hydraulic luffing crane)	18	18.0 @13.7	1.8 @55	588	30	227	12	70.1	n/s
Jaso	J80PA.RC	8	8.0 @14.2	2.75 @30.5	800	25.5	76	19	na	n/s
Jaso	J138PA	8	8.0 @22.4	2.25 @45.0	416	30	140	15	66.3	n/s
Jaso	J208PA	18	18.0 @18.5	1.5 @60	568	30	366	12	72.1	n/s
Jaso	J265PA	18	18.0 @21.3	2.2 @60	630	30	366	19	72.1	n/s
Jaso	J280PA.2R	18	18.0 @26.2	3.0 @60	818	30	220	19	74.3	n/s
Jaso	J280PA.24.2R	24	24 @20.9	2.7 @60	828	30	218	14	72.6	n/s
Jaso	J438PA	32	32 @20.8	3.0 @65	874	30	181	18	74.3	n/s
Jaso	J380PA	36	36 @18.8	3.0 @65	874	30	181	9	74.3	n/s
Jaso	J450PA	36	36 @18.6	3.0 @65	674	30	188	9	74.3	n/s
Jaso	J480PA	36	36 @20.3	3.8 @65	874	30	218	9	74.3	n/s
Jaso	J638PA	32	32 @26.9	6.5 @65	650	30	188	18	70.7	n/s
Jaso	J780PA.60	60	60 @20.7	6.0 @70	796	30	160	10	86.1	n/s
Jaso	J780PA.64	64	64 @18.9	6.0 @70	912	30	188	11	86.1	n/s
Jaso	J780PA	75	75 @16.8	5.7 @70	1007	30	310	8	86.1	n/s
Jost Cranes	JTL 68.4s	4	4t @20m	2t @35m	n/s	25	124	15	100	87
Jost Cranes	JTL 68.4	4	4t @20m	1.5t @40m	n/s	25	124	15	100	87
Jost Cranes	JTL 78.4	4	4t @22m	1.6t @40m	n/s	25	200	33	100	87
Jost Cranes	JTL 98.4	4	4t @22m	1.5t @45m	n/s	30	200	33	100	87
Jost Cranes	JTL 78.6	6	6t @14.6m	1.5t @40m	n/s	25	184	17	100	87
Jost Cranes	JTL 98.6	6	6t @15m	1.4t @45m	n/s	30	184	17	100	87
Jost Cranes	JTL 108.6	6	6t @20m	1.6t @45m	n/s	30	124	11	100	87
Jost Cranes	JTL 118.6	6	6t @20m	1.8t @45m	n/s	30	184	17	100	87
Jost Cranes	JTL 158.6	6	6t @27m	2.4t @50m	n/s	27.3	124	11	100	8

LUFFING JIB BY MANUFACTURER

Manufacturer	Model	Max lifting capacity	Max load up to? radius (t@m)	Max load @max radius	Max. Hook Height (m)	Min jib length (m)	Max Hoist speed (m/min)	Min Hoist Speed	Max free standing height (m)	Max jib angle (°)
Jost Cranes	JTL 118.8	8	8t @ 15.9 m	1.7t @ 45m	n/s	30	188	21	100	87
Jost Cranes	JTL 168.8	8	8t @ 21.7m	2.0t @ 50m	n/s	27.3	188	21	100	87
Jost Cranes	JTL 168.10	10	10t @ 17.3m	2.3t @ 50m	n/s	27.3	158	20	100	87
Jost Cranes	JTL 208.12	12	12t @ 19.7m	2.6t @ 55m	n/s	30	110	12	100	87
Jost Cranes	JTL 218.12	12	12t @ 19.4m	3.3t @ 50m	n/s	30	188	12	100	87
Jost Cranes	JTL 268.12	12	12t @ 23m	3.4t @ 55m	n/s	30	188	15	100	87
Jost Cranes	JTL 318.12	12	12t @ 25m	4.5t @ 55m	n/s	30	188	15	100	87
Jost Cranes	JL 226.12	12	12t @ 20.4m	2.2t @ 60m	n/s	30	188	15	100	87
Jost Cranes	JL 266.12	12	12t @ 20.4m	3.1t @ 60m	n/s	30	188	15	100	87
Jost Cranes	JTL 268.16	16	16t @ 17.5m	3.3t @ 55m	n/s	30	146	21	100	87
Jost Cranes	JTL 318.16	16	16t @ 20m	4.4t @ 55m	n/s	30	146	21	100	87
Jost Cranes	JL 226.16	16	16t @ 15.4m	2.1t @ 60m	n/s	30	146	21	100	87
Jost Cranes	JL 256.16	16	16t @ 18.5m	3.1t @ 60m	n/s	30	140	15	100	87
Jost Cranes	JL 266.16	16	16t @ 18.3m	3.0t @ 60m	n/s	30	146	21	100	87
Jost Cranes	JL 316.16	16	16t @ 22.1m	4.0t @ 60m	n/s	30	140	15	100	87
Jost Cranes	JL 326.16	16	16t @ 22m	4.0t @ 60m	n/s	30	146	21	100	87
Jost Cranes	JL 366.16	16	16t @ 25.3m	4.4t @ 60m	n/s	30	146	21	100	87
Jost Cranes	JL 326.20	20	20t @ 17.7m	3.9t @ 60m	n/s	30	154	16	100	87
Jost Cranes	JL 366.20	20	20t @ 20.3m	4.3t @ 60m	n/s	30	154	16	100	87
Jost Cranes	JL 426.20	20	20t @ 24.2m	5.5t @ 60m	n/s	30	154	16	100	87
Jost Cranes	JL 526.20	20	20t @ 29m	5.3t @ 65m	n/s	30	154	16	100	87
Jost Cranes	JL 416.24	24	24t @ 20.3m	5.1t @ 60m	n/s	30	130	16	100	87
Jost Cranes	JL 426.24	24	24t @ 20.1m	5.3t @ 60m	n/s	30	172	15	100	87
Jost Cranes	JL 526.24	24	24t @ 24m	5.1t @ 65m	n/s	30	172	15	100	87
Jost Cranes	JL 626.24	24	24t @ 30m	7.0t @ 65m	n/s	30	172	15	100	87
Jost Cranes	JL 616.32	32	32t @ 23.2m	9.1t @ 60m	n/s	30	134	17	100	87
Jost Cranes	JL 626.32	32	32t @ 22.6m	6.8t @ 65m	n/s	30	188	21	100	87
Liebherr	195 HC-LH 6/12	12	12 @ 20.4	2.55 @ 55.0	650	30 to 55	233	0	64.4	n/s
Liebherr	230 HC-L 8/16 Litronic	16	16 @ 20.3	1.9 @ 60.0	892	30 to 60	363	0	85.1	n/s
Liebherr	258 HC-L 10/18 Fibre	18	18 @ 19.3	2.5 @ 60	755	30 to 65	265	0	85.1	n/s
Liebherr	280 HC-L 12/24 Litronic	24	24 @ 20.2	3.2 @ 60.0	1290	30 to 60	261	0	79.3	n/s
Liebherr	440 HC-L 12/24	24	24 @ 25.5	4.45 @ 65.0	1290	30 to 65	330	0	76.4	n/s
Liebherr	542 HC-L 12/24 Litronic	24	24 @ 30.8	4.8 @ 65.0	1290	30 to 65	330	0	64.8	n/s
Liebherr	280 HC-L 16/28 Litronic	28	28 @ 17.0	3.0 @ 60.0	1143	30 to 60	194	0	79.3	n/s
Liebherr	440 HC-L 18/36	36	36 @ 17.6	4.05 @ 65.0	1101	30 to 65	226	0	76.4	n/s
Liebherr	542 HC-L 18/36 Litronic	36	36 @ 20.8	4.3 @ 65.0	1101	30 to 65	213	0	64.8	n/s
Liebherr	710 HC-L 32/64 Litronic	64	64 @ 16.4	7.2 @ 65.0	1067	30 to 65	194	0	74.8	n/s
Liebherr	710 HC-L 32/64 Litronic Fly-Jib	64	64 @ 15.7	7.0 @ 63.1	1067	30 to 65	194	0	74.8	n/s
Potain	MRH 125	8	8 @ 22	2 @ 50	n/s	30	118	n/s	64.5	87
Potain	MRH 175	10	10 @ 22.5	1.5 @ 55	n/s	30	215.5	n/s	64.5	87
Potain	MR 229	14	14 @ 20.3	2.7 @ 55	n/s	30	207	n/s	60.9	86
Potain	MR 329 H16	16	16 @ 24.3	3.4 @ 60	n/s	30	194	n/s	79.2	87
Potain	MR 418 A	24	24 @ 20	5 @ 60	n/s	30	254	n/s	86.4	86
Potain	MR 309 H25	25	25 @ 16.1	3.2 @ 60	n/s	30	195	n/s	67.9	87
Potain	MR 329 H25	25	25 @ 16.2	3.3 @ 60	n/s	30	195	n/s	79.2	87
Potain	MR 608	32	32 @ 22.6	9 @ 60	n/s	30	204	n/s	77.3	86
Potain	MR 618	32	32 @ 21.8	8.25 @ 60	n/s	30	216	n/s	80.6	85
Potain	MR 309 H16	16	16 @ 24.1	3.4 @ 60	n/s	30	194	n/s	67.9	87
Raimondi Cranes	LRH174	10	10 @ 21	2.25 @ 50	600	26	127	6.5	90	77.8
Raimondi Cranes	LR213	14	14 @ 23	2.25 @ 55	325	28	136	8	56.8	74
Raimondi Cranes	LR273	18	18 @ 23.5	2.48 @ 60	980	30	136	9	84.4	70
Raimondi Cranes	LR372	20	20 @ 26	3.63 @ 60	880	30	256	2.7	84.4	70.3
Saez	SLH 70.4	4	4 @ 24	1.5 @ 40	270	25	79	5	89.8	85
Saez	SLH 110	6	6 @ 15	2 @ 45	350	20	124	7	89.8	85
Saez	SLH 205	10	10 @ 10	2.6 @ 55	330	25	120	21	86.6	85
Saez	SL 320	18	18 @ 23.4	3.2 @ 60	350	30	159	18	84.4	85
Saez	SL 450R	24	24 @ 24.8	4.5 @ 65	780	35	248	26	84.4	85
Saez	SL 730	36	36 @ 20	6.1 @ 70	780	30	248	18	69.4	85

LUFFING JIB BY MANUFACTURER

Manufacturer	Model	Max lifting capacity	Max load up to? radius (t@m)	Max load @max radius	Max. Hook Height (m)	Min jib length (m)	Max Hoist speed (m/min)	Min Hoist Speed	Max free standing height (m)	Max jib angle (°)
Stafford Soima	SGT 4015 LTL	4	4 @20	1,5 @40		25/40	75	0		
Stafford Soima	SGT 6220 LTL	16	16 @20	2 @62		32/62	135	0		
Terex	CTL 140-10	10	10 @18.3	1,7 @50	425	30/50	120	0	50.35	85
Terex	CTLH-192-12	12	12 @23.15	2,1 @55	560	25/55	252	0	84.4	86.3
Terex	CDK 100-16	16	16 @9.56	3,2 @30.3	n/s	16.5/30.3	59	0	n/s	n/s
Terex	CTL 180-16	16	16 @17.7	2 @55	425	30/55	145	0	84.4	85
Terex	CTL 260A-18	18	18 @18.7	2.15 @60	470	30/60	130	0	84.4	85
Terex	CTL 282-18	18	18 @18	3,02 @60	460	30/60	130	0	84.4	85
Terex	CTL 340-24	24	24 @15.8	4 @60	515	35/60	130	0	78.4	85
Terex	CTL 430-24	24	24 @21.3	5,5 @60	515	35/60	160	0	78.4	85
Terex	CTL 702-32	32	32 @25.5	6,02 @70	495	30/70	198	0	76	85
Terex	CTL 650F-45	45	45 @15.5	7 @65	910	35/65	277	0	76	85
Terex	CTL 1600-66	66	66 @27.6	16 @75	960	40/75	185	0	89	85
Wilbert	WT 405L e.tronic	32	32 @19.9	4.7 @61.5	900	12	200	n/s	160	87
Wilbert	WT 555L e.tronic	32	32 @19.9	6,7 @61.5	900	12	200	n/s	160	87
Wilbert	WT 905L e.tronic	48	48 @29.5	10,0 @78	900	15	200	n/s	133	87
Wilbert	WT 1305L e.tronic	64	64 @24	14 @78	900	15	200	n/s	133	87
Wilbert	WT 1905L e.tronic	80	80 @24.5	19 @78	900	15	200	n/s	128	87
Wilbert	WT 2705L e.tronic	128	128 @19.5	19,5 @78	900	15	200	n/s	122.9	87
WOLFFKRAN	WOLFF 166 B (US)	12	12 @23	2,0 @55	500	25/55	174	25	125.6	86
WOLFFKRAN	WOLFF 275 B (US)	24	24 @17.6	2,6 @60,0	700	30/60	222	16	111.1	83
WOLFFKRAN	WOLFF 355 B US	28	28 @19.8	4,4 @60,0	920	30/60	290	40	115.6	85
WOLFFKRAN	WOLFF 630 B	42	42 @18.5	5,4 @70,0	990	30/70	190	33	65.2	84
WOLFFKRAN	WOLFF 700 B (US)	50	50 @17.1	5,9 @70,0	990	30/70	190	33	100.1	84
WOLFFKRAN	WOLFF 1250 B (US)	60	60 @28.2	12,1 @80,0	990	40/80	190	11	95	84

LUFFING JIB BY CAPACITY

Manufacturer	Model	Max lifting capacity	Max load up to? radius (t@m)	Max load @max radius	Max. Hook Height (m)	Min jib length (m)	Max Hoist speed (m/min)	Min Hoist Speed	Max free standing height (m)	Max jib angle (°)
Jost Cranes	JTL 68.4s	4	4t @20m	2t @35m	n/s	25	124	15	100	87
Jost Cranes	JTL 68.4	4	4t @20m	1.5t @40m	n/s	25	124	15	100	87
Jost Cranes	JTL 78.4	4	4t @22m	1.6t @40m	n/s	25	200	33	100	87
Jost Cranes	JTL 98.4	4	4t @22m	1.5t @45m	n/s	30	200	33	100	87
Saez	SLH 70.4	4	4 @24	1.5 @40	270	25	79	5	89.8	85
Stafford Soima	SGT 4015 LTL	4	4 @20	1,5 @40		25/40	75	0		
Jaso	J80PA	5	5.0 @18.3	1.3 @40	246	25.5	100	16	75.3	n/s
Jaso	J118HPA (Hydraulic luffing crane)	6	6.0 @25.1	1.6 @45	452	30	80	14	68	n/s
Jaso	J168HPA (Hydraulic luffing crane)	6	6.0 @30.0	2.5 @50	434	30	80	14	70.1	n/s
Jost Cranes	JTL 78.6	6	6t @14.6m	1.5t @40m	n/s	25	184	17	100	87
Jost Cranes	JTL 98.6	6	6t @15m	1.4t @45m	n/s	30	184	17	100	87
Jost Cranes	JTL 108.6	6	6t @20m	1.6t @45m	n/s	30	124	11	100	87
Jost Cranes	JTL 118.6	6	6t @20m	1.8t @45m	n/s	30	184	17	100	87
Jost Cranes	JTL 158.6	6	6t @27m	2.4t @50m	n/s	27.3	124	11	100	87
Saez	SLH 110	6	6 @15	2 @45	350	20	124	7	89.8	85
COMANSA	LCL165 8t	8	8 @25	2,5 @50	820	30 to 50	310	0	56.6	87
ENG	ETH106 (Hydraulic special luffer)	8	8 @20.1	1.3 @41	292	14	154	5	85.5	87
ENG	EDL110 (Hybrid Luffer/Flat top)	8	8 @23.4	1.71 @44.5	292	12	154	5	84.6	87
Jaso	J80PA.RC	8	8.0 @14.2	2.75 @30.5	800	25.5	76	19	na	n/s
Jaso	J138PA	8	8.0 @22.4	2.25 @45.0	416	30	140	15	66.3	n/s
Jost Cranes	JTL 118.8	8	8t @15.9 m	1.7t @45m	n/s	30	188	21	100	87
Jost Cranes	JTL 168.8	8	8t @21.7m	2.0t @50m	n/s	27.3	188	21	100	87
Potain	MRH 125	8	8 @22	2 @50	n/s	30	118	n/s	64.5	87
ENG	EDL150 (Hybrid Luffer/Flat top)	10	10 @26.3	2.53 @50.5	267	18	130	5	93.4	87
Jost Cranes	JTL 168.10	10	10t @17.3m	2,3t @50m	n/s	27.3	158	20	100	87

LUFFING JIB BY CAPACITY

Manufacturer	Model	Max lifting capacity	Max load up to? radius (t@m)	Max load @max radius	Max. Hook Height (m)	Min jib length (m)	Max Hoist speed (m/min)	Min Hoist Speed	Max free standing height (m)	Max jib angle (°)
Potain	MRH 175	10	10 @22.5	1.5 @55	n/s	30	215.5	n/s	64.5	87
Raimondi Cranes	LRH174	10	10 @21	2.25 @50	600	26	127	6.5	90	77.8
Saez	SLH 205	10	10 @10	2.6 @55	330	25	120	21	86.6	85
Terex	CTL 140-10	10	10 @18.3	1.7 @50	425	30/50	120	0	50.35	85
COMANSA	LCL 165 12t	12	12 @15	2.3 @50	640	30 to 50	330	0	56.6	87
COMANSA	LCL 190 12t	12	12 @20	1.5 @60	640	30 to 60	330	0	63.1	87
COMANSA	LCL 280 12t	12	12 @30	2.9 @60	640	30 to 60	330	0	53.2	87
COMANSA	LCL 310 12t	12	12 @30	3.5 @60	640	30 to 60	330	0	59	87
ENG	ETH186 (Hydraulic special luffer)	12	12 @26	1.9 @50	450	14	120	5	105.5	87
Jost Cranes	JTL 208.12	12	12t @19.7m	2.6t @55m	n/s	30	110	12	100	87
Jost Cranes	JTL 218.12	12	12t @19.4m	3.3t @50m	n/s	30	188	12	100	87
Jost Cranes	JTL 268.12	12	12t @23m	3.4t @55m	n/s	30	188	15	100	87
Jost Cranes	JTL 318.12	12	12t @25m	4.5t @55m	n/s	30	188	15	100	87
Jost Cranes	JL 226.12	12	12t @20.4m	2.2t @60m	n/s	30	188	15	100	87
Jost Cranes	JL 266.12	12	12t @20.4m	3.1t @60m	n/s	30	188	15	100	87
Liebherr	195 HC-LH 6/12	12	12 @20.4	2.55 @55.0	650	30 to 55	233	0	64.4	n/s
Terex	CTLH-192-12	12	12 @23.15	2.1 @55	560	25/55	252	0	84.4	86.3
WOLFFKRAN	WOLFF 166 B (US)	12	12 @23	2.0 @55	500	25/55	174	25	125.6	86
Potain	MR 229	14	14 @20.3	2.7 @55	n/s	30	207	n/s	60.9	86
Raimondi Cranes	LR213	14	14 @23	2.25 @55	325	28	136	8	56.8	74
COMANSA	LCH 300 16t	16	16 @21.2	3.4 @60	350	30 to 60	164	0	57.2	86
ENG	ETH276 (Hydraulic special luffer)	16	16 @27.8	2.6 @56	454	20	150	5	105.5	87
ENG	EDL230 (Hybrid Luffer/Flat top)	16	16 @25.7	2.7 @56.5	454	23	150	5	91	87
ENG	ETL243	16	16 @24	2.59 @56	454	29	150	5	94.5	85
Jost Cranes	JTL 268.16	16	16t @17.5m	3.3t @55m	n/s	30	146	21	100	87
Jost Cranes	JTL 318.16	16	16t @20m	4.4t @55m	n/s	30	146	21	100	87
Jost Cranes	JL 226.16	16	16t @15.4m	2.1t @60m	n/s	30	146	21	100	87
Jost Cranes	JL 256.16	16	16t @18.5m	3.1t @60m	n/s	30	140	15	100	87
Jost Cranes	JL 266.16	16	16t @18.3m	3.0t @60m	n/s	30	146	21	100	87
Jost Cranes	JL 316.16	16	16t @22.1m	4.0t @60m	n/s	30	140	15	100	87
Jost Cranes	JL 326.16	16	16t @22m	4.0t @60m	n/s	30	146	21	100	87
Jost Cranes	JL 366.16	16	16t @25.3m	4.4t @60m	n/s	30	146	21	100	87
Liebherr	230 HC-L 8/16 Litronic	16	16 @20.3	1.9 @60.0	892	30 to 60	363	0	85.1	n/s
Potain	MR 329 H16	16	16 @24.3	3.4 @60	n/s	30	194	n/s	79.2	87
Potain	MR 309 H16	16	16 @24.1	3.4 @60	n/s	30	194	n/s	67.9	87
Stafford Soima	SGT 6220 LTL	16	16 @20	2 @62		32/62	135	0		
Terex	CDK 100-16	16	16 @9.56	3.2 @30.3	n/s	16.5/30.3	59	0	n/s	n/s
Terex	CTL 180-16	16	16 @17.7	2 @55	425	30/55	145	0	84.4	85
COMANSA	LCL 190 18t	18	18 @15	1.5 @60	640	30 to 60	224	0	63.1	87
COMANSA	LCL 280 18t	18	18 @25	2.9 @60	640	30 to 60	224	0	53.2	87
COMANSA	LCL 310 18t	18	18 @20	3.5 @60	640	30 to 60	224	0	59	87
Jaso	J198HPA (Hydraulic luffing crane)	18	18.0 @13.7	1.8 @55	588	30	227	12	70.1	n/s
Jaso	J208PA	18	18.0 @18.5	1.5 @60	568	30	366	12	72.1	n/s
Jaso	J265PA	18	18.0 @21.3	2.2 @60	630	30	366	19	72.1	n/s
Jaso	J280PA.2R	18	18.0 @26.2	3.0 @60	818	30	220	19	74.3	n/s
Liebherr	258 HC-L 10/18 Fibre	18	18 @19.3	2.5 @60	755	30 to 65	265	0	85.1	n/s
Raimondi Cranes	LR273	18	18 @23.5	2.48 @60	980	30	136	9	84.4	70
Saez	SL 320	18	18 @23.4	3.2 @60	350	30	159	18	84.4	85
Terex	CTL 260A-18	18	18 @18.7	2.15 @60	470	30/60	130	0	84.4	85
Terex	CTL 282-18	18	18 @18	3.02 @60	460	30/60	130	0	84.4	85
ENG	ETL303	20	20 @26	3.19 @60	545	29	216	6	90.8	85
Jost Cranes	JL 326.20	20	20t @17.7m	3.9t @60m	n/s	30	154	16	100	87
Jost Cranes	JL 366.20	20	20t @20.3m	4.3t @60m	n/s	30	154	16	100	87
Jost Cranes	JL 426.20	20	20t @24.2m	5.5t @60m	n/s	30	154	16	100	87
Jost Cranes	JL 526.20	20	20t @29m	5.3t @65m	n/s	30	154	16	100	87
Raimondi Cranes	LR372	20	20 @26	3.63 @60	880	30	256	2.7	84.4	70.3
COMANSA	LCL 280 24t	24	24 @15	2.6 @60	725	30 to 60	204	0	53.2	87
COMANSA	LCL 310 24t	24	24 @15	3.2 @60	725	30 to 60	204	0	59	87

LUFFING JIB BY CAPACITY

Manufacturer	Model	Max lifting capacity	Max load up to? radius (t@m)	Max load @max radius	Max. Hook Height (m)	Min jib length (m)	Max Hoist speed (m/min)	Min Hoist Speed	Max free standing height (m)	Max jib angle (°)
Jaso	J280PA.24.2R	24	24 @ 20.9	2.7 @ 60	828	30	218	14	72.6	n/s
Jost Cranes	JL 416.24	24	24t @ 20.3m	5.1t @ 60m	n/s	30	130	16	100	87
Jost Cranes	JL 426.24	24	24t @ 20.1m	5.3t @ 60m	n/s	30	172	15	100	87
Jost Cranes	JL 526.24	24	24t @ 24m	5.1t @ 65m	n/s	30	172	15	100	87
Jost Cranes	JL 626.24	24	24t @ 30m	7.0t @ 65m	n/s	30	172	15	100	87
Liebherr	280 HC-L 12/24 Litronic	24	24 @ 20.2	3.2 @ 60.0	1290	30 to 60	261	0	79.3	n/s
Liebherr	440 HC-L 12/24	24	24 @ 25.5	4.45 @ 65.0	1290	30 to 65	330	0	76.4	n/s
Liebherr	542 HC-L 12/24 Litronic	24	24 @ 30.8	4.8 @ 65.0	1290	30 to 65	330	0	64.8	n/s
Potain	MR 418 A	24	24 @ 20	5 @ 60	n/s	30	254	n/s	86.4	86
Saez	SL 450R	24	24 @ 24.8	4.5 @ 65	780	35	248	26	84.4	85
Terex	CTL 340-24	24	24 @ 15.8	4 @ 60	515	35/60	130	0	78.4	85
Terex	CTL 430-24	24	24 @ 21.3	5.5 @ 60	515	35/60	160	0	78.4	85
WOLFFKRAN	WOLFF 275 B (US)	24	24 @ 17.6	2.6 @ 60.0	700	30/60	222	16	111.1	83
Potain	MR 309 H25	25	25 @ 16.1	3.2 @ 60	n/s	30	195	n/s	67.9	87
Potain	MR 329 H25	25	25 @ 16.2	3.3 @ 60	n/s	30	195	n/s	79.2	87
Liebherr	280 HC-L 16/28 Litronic	28	28 @ 17.0	3.0 @ 60.0	1143	30 to 60	194	0	79.3	n/s
WOLFFKRAN	WOLFF 355 B US	28	28 @ 19.8	4.4 @ 60.0	920	30/60	290	40	115.6	85
Favelle Favco	M220D	32	32 @ 10	3.0 @ 53	n/s	27/55	210	n/s	56	85
Favelle Favco	M380F	32	32 @ 15	3.0 @ 63	n/s	36/64	250	n/s	56	85
Jaso	J438PA	32	32 @ 20.8	3.0 @ 65	874	30	181	18	74.3	n/s
Jaso	J638PA	32	32 @ 26.9	6.5 @ 65	650	30	188	18	70.7	n/s
Jost Cranes	JL 616.32	32	32t @ 23.2m	9.1t @ 60m	n/s	30	134	17	100	87
Jost Cranes	JL 626.32	32	32t @ 22.6m	6.8t @ 65m	n/s	30	188	21	100	87
Potain	MR 608	32	32 @ 22.6	9 @ 60	n/s	30	204	n/s	77.3	86
Potain	MR 618	32	32 @ 21.8	8.25 @ 60	n/s	30	216	n/s	80.6	85
Terex	CTL 702-32	32	32 @ 25.5	6.02 @ 70	495	30/70	198	0	76	85
Wilbert	WT 405L e.tronic	32	32 @ 19.9	4.7 @ 61.5	900	12	200	n/s	160	87
Wilbert	WT 555L e.tronic	32	32 @ 19.9	6.7 @ 61.5	900	12	200	n/s	160	87
COMANSA	LCL 560 36t	36	36 @ 20	5.1 @ 65	610	30 to 65	153	0	75.3	87
Jaso	J380PA	36	36 @ 18.8	3.0 @ 65	874	30	181	9	74.3	n/s
Jaso	J450PA	36	36 @ 18.6	3.0 @ 65	674	30	188	9	74.3	n/s
Jaso	J480PA	36	36 @ 20.3	3.8 @ 65	874	30	218	9	74.3	n/s
Liebherr	440 HC-L 18/36	36	36 @ 17.6	4.05 @ 65.0	1101	30 to 65	226	0	76.4	n/s
Liebherr	542 HC-L 18/36 Litronic	36	36 @ 20.8	4.3 @ 65.0	1101	30 to 65	213	0	64.8	n/s
Saez	SL 730	36	36 @ 20	6.1 @ 70	780	30	248	18	69.4	85
WOLFFKRAN	WOLFF 630 B	42	42 @ 18.5	5.4 @ 70.0	990	30/70	190	33	65.2	84
Terex	CTL 650F-45	45	45 @ 15.5	7 @ 65	910	35/65	277	0	76	85
Wilbert	WT 905L e.tronic	48	48 @ 29.5	10.0 @ 78	900	15	200	n/s	133	87
COMANSA	LCL 800 50t	50	50 @ 20	8.7 @ 65	830	30 to 65	133	0	69.8	88
Favelle Favco	M440D	50	50 @ 13	2.7 @ 65	n/s	36/69	158	n/s	56	85
Favelle Favco	MK440E	50	50 @ 13	2.7 @ 65	n/s	32/69	160	n/s	56	85
WOLFFKRAN	WOLFF 700 B (US)	50	50 @ 17.1	5.9 @ 70.0	990	30/70	190	33	100.1	84
Jaso	J780PA.60	60	60 @ 20.7	6.0 @ 70	796	30	160	10	86.1	n/s
WOLFFKRAN	WOLFF 1250 B (US)	60	60 @ 28.2	12.1 @ 80.0	990	40/80	190	11	95	84
COMANSA	LCL 800 64t	64	64 @ 15	8.5 @ 65	530	30 to 65	128	0	69.8	88
Favelle Favco	M760D	64	64 @ 15	4.0 @ 70	n/s	36/73	122	n/s	56	85
Favelle Favco	MK760E	64	64 @ 12	4.0 @ 70	n/s	36/73	150	n/s	56	85
Favelle Favco	M900F	64	64 @ 15	7.5 @ 72	n/s	36/73	111	n/s	56	85
Jaso	J780PA.64	64	64 @ 18.9	6.0 @ 70	912	30	188	11	86.1	n/s
Liebherr	710 HC-L 32/64 Litronic	64	64 @ 16.4	7.2 @ 65.0	1067	30 to 65	194	0	74.8	n/s
Liebherr	710 HC-L 32/64 Litronic Fly-Jib	64	64 @ 15.7	7.0 @ 63.1	1067	30 to 65	194	0	74.8	n/s
Wilbert	WT 1305L e.tronic	64	64 @ 24	14 @ 78	900	15	200	n/s	133	87
Terex	CTL 1600-66	66	66 @ 27.6	16 @ 75	960	40/75	185	0	89	85
Jaso	J780PA	75	75 @ 16.8	5.7 @ 70	1007	30	310	8	86.1	n/s
Wilbert	WT 1905L e.tronic	80	80 @ 24.5	19 @ 78	900	15	200	n/s	128	87
Wilbert	WT 2705L e.tronic	128	128 @ 19.5	19.5 @ 78	900	15	200	n/s	122.9	87
Favelle Favco	M1280D	150	150 @ 17.4	12.1 @ 81	n/s	36/83	110	n/s	72	85
Favelle Favco	M2480D	330	330 @ 14.4	20.6 @ 91	n/s	27/93	95	n/s	76	85

SADDLE JIB BY MANUFACTURER

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Minimum/Maximum (m/m)	Maximum Hoist Speed (m/min)	Minimum Hoist Speed (m/min)	Max Freestanding Height (m)
COMANSA	5LC3510 5t	5	5 @ 7.5	1.1 @ 35	125	20 / 35	74	2.5	75.9
COMANSA	5LC4010 5t	5	5 @ 10	1.1 @ 40	125	20 / 40	74	2.5	75.9
COMANSA	5LC4510 5t	5	5 @ 12.5	1.1 @ 45	125	20 / 45	74	2.5	70.9
COMANSA	5LC5010 5t	5	5 @ 15	1.1 @ 50	125	20 / 50	74	2.5	70.9
COMANSA	11LC90 5t	5	5 @ 16.6	1.3 @ 52.5	165	30 / 52.5	76	2.5	68.5
COMANSA	11LC132 5t	5	5 @ 27.5	1.3 @ 60	165	30 / 60	76	2.5	108.8
COMANSA	11LC90 6t	6	6 @ 15.2	1.3 @ 52.5	220	30 / 52.5	154	3	68.5
COMANSA	11LC132 6t	6	6 @ 23.5	1.3 @ 60	310	30 / 60	230	3	108.8
COMANSA	11LC150 6t	6	6 @ 19.4	1.7 @ 60	580	30 / 60	310	0	103.3
COMANSA	11LC150 8t	8	8 @ 19.4	1.8 @ 60	580	30 / 60	310	0	103.3
COMANSA	11LC160 8t	8	8 @ 20.1	1.5 @ 60	580	30 / 65	310	0	103.3
COMANSA	16LC185 8t	8	8 @ 24.9	2.1 @ 65	310	30 / 65	194	0	104.8
COMANSA	16LC185 10t	10	10 @ 20.2	1.9 @ 65	400	30 / 65	245	0	104.3
COMANSA	16LC220 10t	10	10 @ 23.3	2.3 @ 65	400	30 / 65	245	0	104.3
COMANSA	16LC260 10t	10	10 @ 30.1	2.3 @ 70	400	35 / 70	245	0	102.1
COMANSA	16LC185 12t	12	12 @ 17.2	1.9 @ 65	660	30 / 65	330	0	104.3
COMANSA	16LC220 12t	12	12 @ 19.8	2.3 @ 65	660	30 / 65	330	0	104.3
COMANSA	16LC260 12t	12	12 @ 25.6	2.3 @ 70	660	35 / 70	330	0	102.1
COMANSA	21LC335 12t	12	12 @ 29.7	2.9 @ 74	395	40 / 74	330	0	98.9
COMANSA	21LC335 20t	20	20 @ 17.9	2.9 @ 74	640	40 / 74	290	0	98.9
COMANSA	21LC450 20t	20	20 @ 24.7	3.3 @ 80	640	40 / 80	290	0	110.8
COMANSA	21LC600 20t	20	20 @ 33.5	4.95 @ 80	640	30 / 80	290	0	105.3
COMANSA	21LC650 20t	20	20 @ 37.8	4.95 @ 80	640	30 / 80	290	0	105.3
COMANSA	21LC660 20t	20	20 @ 36.2	5.8 @ 84	320	40 / 84	290	0	105.3
COMANSA	21LC600 25t	25	25 @ 26.3	4.5 @ 80	785	30 / 80	202	0	103.8
COMANSA	21LC650 25t	25	25 @ 29.4	4.5 @ 80	785	30 / 80	202	0	103.8
COMANSA	21LC550 20t	20	20 @ 27.9	4.4 @ 80	640	40 / 80	290	0	110.7
COMANSA	21LC660 20t	20	20 @ 36.2	5.8 @ 84	320	40 / 84	290	0	105.3
COMANSA	21LC660 25t	25	25 @ 30	5.2 @ 84	393	40 / 84	300	0	103.8
COMANSA	21LC750 25t	25	25 @ 38.9	8.0 @ 80	393	40 / 80	300	0	98.2
COMANSA	21LC450 25t	25	25 @ 19.1	2.8 @ 80	785	40 / 80	202	0	109.3
COMANSA	21LC550 25t	25	25 @ 21.8	3.9 @ 80	790	40 / 80	202	0	103.7
COMANSA	21LC1050 25t	25	25 @ 46.6	11.8 @ 80	393	30 / 80	300	0	98.2
COMANSA	30LC1100 32t	32	32 @ 38.2	12.1 @ 80	363	40 / 80	259	0	108.3
COMANSA	30LC1450 32t	32	32 @ 50.5	16 @ 80	363	40 / 80	259	0	102.8
COMANSA	21LC660 37.5t	37.5	37.5 @ 20.5	5.2 @ 84	393	40 / 84	300	0	103.8
COMANSA	21LC750 37.5t	37.5	37.5 @ 26.4	8.0 @ 80	393	40 / 80	300	0	98.2
COMANSA	21LC1050 37.5t	37.5	37.5 @ 32.7	11.8 @ 80	393	30 / 80	300	0	98.2
COMANSA	30LC1100 48t	48	48 @ 26.6	12.1 @ 80	363	40 / 80	259	0	108.3
COMANSA	30LC1450 48t	48	48 @ 35.4	16 @ 80	363	40 / 80	259	0	102.8
COMANSA	21LC660 50t	50	50 @ 16.1	4.6 @ 84	393	40 / 84	150	0	103.8
COMANSA	21LC750 50t	50	50 @ 20.6	7.3 @ 80	393	40 / 80	150	0	98.2
COMANSA	21LC1050 50t	50	50 @ 25.9	11.2 @ 80	393	30 / 80	150	0	98.2
COMANSA	21LC1400 50t	50	50 @ 34.6	10.7 @ 84.6	393	28.6 / 85	150	0	86.5
COMANSA	30LC1100 64t	64	64 @ 20.2	10.4 @ 80	363	40 / 80	130	0	108.3
COMANSA	30LC1450 64t	64	64 @ 26.8	14.8 @ 80	363	40 / 80	130	0	102.8
COMANSA	21LC1400 66t	66	66 @ 26.5	9.6 @ 85	355	28.6 / 85	116	0	86.5
COMANSA	30LC1450 90t	90	90 @ 18	26.4 @ 60	362.5	40 / 60	93	0	96.8
ENG	ETT244	12	12.0 @ 28.8	1.76 @ 75.0	450	33.0/75.0	120	5	82
ENG	ETT344	16	16.0 @ 26.7	3.41 @ 75.0	454	37.0/75.0	150	5	82
ENG	ETT531	25	25.0 @ 22.7	2.20 @ 86.0	500	36.0/86.0	196	6	90.7
ENG	ETT791	40	40.0 @ 21.4	4.07 @ 90.0	336	42.0/90.0	120	6	90.5
Jaso	J4510	2.5	2.5 @ 30	1 @ 45	193	20/45	82	5	87.8
Jaso	J5010	2.5	2.5 @ 35	1 @ 50	193	20/50	82	5	87.8
Jaso	J5510	2.5	2.5 @ 29.9	1 @ 55	193	30@55	82	5	87.8
Jaso	J52NS	5	5.0 @ 18.9	1.1 @ 52.0	189	20.0/52.0	102	4	85.6
Jaso	J85	6	6.0 @ 19.32	1.2 @ 55	240	25.0/55.0	80	3	86.7
Jaso	J115.8	8	8.0 @ 17.2	1.3 @ 60	534	25/60	100	12.5	82.4

SADDLE JIB BY MANUFACTURER

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Minimum/Maximum (m/m)	Maximum Hoist Speed (m/min)	Minimum Hoist Speed (m/min)	Max Freestanding Height (m)
Jaso	J145.A	8	8.0 @20.26	2.0 @60	534	30/60	100	12.5	82.9
Jaso	J160.10	10	10.0 @17.0	1.7 @65	534	30/65	80	12.3	83.2
Jaso	J185	10	10.0 @17.6	2.0 @65	534	30/65	80	12.5	83.1
Jaso	J 190N.10.A	10	10.0 @24.6	2.75 @60	534	30/60	80	3.5	93.4
Jaso	J 200.10	10	10.0 @22.1	2.0 @67.5	534	30/67.5	90	12	82.7
Jaso	J 200.12	12	12.0 @18.1	1.8 @67.5	534	30/67.5	225	19	82.7
Jaso	J 210.A	10	10.0 @26.0	3.0 @60	534	30/60	80	3.5	88.4
Jaso	J 235.12	12	12.0 @20.6	2.6 @65	534	30/67.5	225	19	82.7
Jaso	J 260N.A	12	12.0 @29.39	2.7 @70	364	35/70	120	17.5	93.4
Jaso	J 300N.A	12	12.0 @29.43	2.7 @75	364	35/75	120	17.5	93.4
Jaso	J 300N.2R.A	12	12.0 @7.7	2.5 @75	284	35/75	185	17.5	93.4
Jaso	J 300N.16.A	16	16.0 @21.0	2.5 @75	528	35/75	125	17.5	93.4
Jaso	J360	18	18.0 @24.6	4.0 @60	328	30/60	145	13	90.7
Jaso	J360.24	24	24.0 @19.0	5.0 @55	314	30/55	115	10	90.7
Jaso	J365	24	24.0 @19.0	4.4 @60	410	30/55	115	10	81.6
Jaso	J390	24	24.0 @19.3	3.8 @75	310	30/75	115	10	81.6
Jaso	J560	24	24.0 @27.2	2.5 @85	828	30/85	331	14	83.8
Jaso	J 700	24	24.0 @31.9	5.5 @80	436	34.5/80	185	14	86.4
Jaso	J800.48	48	48.0 @19.9	5.1 @80	455	23/80	150	13	51.1
Jaso	J 1400	64	64.0 @24.3	10.5 @80	456	25/80	94	9	69.3
Liebherr	85 EC-B 5 FR.Litronic	5	5.00 @21.1	1.30 @50.0	260	20 to 50	149	0	47.8
Liebherr	125 EC-B 6	6	6.00 @22.5	1.6 @58	250	20 to 58	123	0	61.5
Liebherr	150 EC-B 8 Litronic	8	8.00 @22.5	1.40 @62.5	328	24.4 to 62.5	174	0	76.5
Liebherr	172 EC-B 8 Litronic	8	8.00 @24.3	1.80 @62.5	328	24.4 to 62.5	174	0	75.5
Liebherr	205 EC-B 10	10	10.00 @22.2	2.10 @65.0	321	24.4 to 65.0	139	0	75.2
Liebherr	220 EC-B 10	10	10.00 @23.5	2.25 @68	321	24.4 to 68	139	0	75.2
Liebherr	240 EC-B 10 Fibre	10	10.00 @23.9	2.5 @68	277	24.4 to 68	143	0	75.2
Liebherr	220 EC-B 12	12	12.00 @19.5	2.05 @68	325	24.4 to 68	116	0	73.1
Liebherr	240 EC-B 12 Fibre	12	12.00 @20.00	2.4 @68	269	24.4 to 68	119	0	73.1
Liebherr	270 EC-B 12	12	12.00 @26.3	2.1 @73	325	24.4 to 73	267	0	94.6
Liebherr	300 EC-B 12 Fibre	12	12.00 @27.1	2.55 @73	269	24.4 to 73	272	0	94.6
Liebherr	340 EC-B 12	12	12.00 @28	2.4 @78	325	24.4 to 78	267	0	94.6
Liebherr	340 EC-B 16	16	16.00 @21.0	2.1 @78	276	24.4 to 78	192	0	94.6
Liebherr	370 EC-B 12 Fibre	12	12.00 @31	2.8 @78	269	24.4 to 78	272	0	94.6
Liebherr	370 EC-B 16 Fibre	16	16.00 @22	2.5 @78	194	24.4 to 78	199	0	94.6
Liebherr	470 EC-B 16	16	16.00 @32	2.4 @83	276	24.4 to 83	192	0	94.8
Liebherr	470 EC-B 20	20	20.00 @25.5	2.2 @83	368	24.4 to 83	149	0	94.8
Liebherr	520 EC-B 20 Fibre	20	20.00 @26.6	2.9 @83	378	24.4 to 83	158	0	94.8
Liebherr	550 EC-H 20 Litronic	20	20.00 @37.60	4.00 @81.5	520	41.5 to 81.5	191	0	86.9
Liebherr	550 EC-H 40 Litronic	40	40.00 @18.30	4.00 @81.5	520	40 to 81.5	191	0	85.5
Liebherr	630 EC-H 40 Litronic	40	40.00 @18.90	5.80 @81.4	520	36 to 81.4	191	0	80
Liebherr	1000 EC-H 40 Litronic	40	40.00 @27.40	11.50 @81.4	520	34.5 to 81.4	191	0	97.1
Liebherr	1188 EC-H 40 Fibre	40	40.00 @28.9	9.10 @91.4	378	34.5 to 91.4	158	0	97.1
Liebherr	1250 HC 40	40	40.00 @31.00	12.50 @81	520	38.8 to 81	191	0	79
Liebherr	630 EC-H 50 Litronic	50	50.00 @15.20	5.20 @81.4	334	36 to 81.4	153	0	80
Liebherr	1000 EC-H 50 Litronic	50	50.00 @22.1	11.00 @81.4	334	34.5 to 81.4	154	0	94.2
Liebherr	1250 HC 50	50	50.00 @24.30	12.00 @81.00	441	38.8 to 81	154	0	79
Liebherr	2000 HC 60	60	60.00 @34.90	22.00 @81.4	441	48 to 81,4	105	0	91.8
Potain	MDT 109	6	6 @17.8	1.35 @55	n/s	55	96	n/s	
Potain	MDT 139	6	6 @24.8	1.9 @55	n/s	55	96	n/s	
Potain	MDT159	6	6 @25	1.75 @60	n/s	60	96	n/s	
Potain	MDT 189	8	8 @24.5	1.8 @60	n/s	60	121	n/s	
Potain	MDT 219 J8	8	8 @29.2	1.95 @65	n/s	65	121	n/s	
Potain	MDT 219 J10	10	10 @21.7	1.9 @65	n/s	65	101	n/s	
Potain	MDT 249 J10	10	10 @24.6	2.75 @65	n/s	65	215	n/s	
Potain	MDT 259 J10	10	10 @24.8	3.1 @65	n/s	65	215	n/s	
Potain	MDT 269 J10	10	10 @24.8	3.3 @65	n/s	65	215	n/s	
Potain	MDT 249 J12	12	12 @20.4	2.6 @65	n/s	65	220	n/s	

SADDLE JIB BY MANUFACTURER

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Minimum/Maximum (m/m)	Maximum Hoist Speed (m/min)	Minimum Hoist Speed (m/min)	Max Freestanding Height (m)
Potain	MDT 259 J12	12	12 @21.6	2.9 @65	n/s	65	220	n/s	
Potain	MDT 269 J12	12	12 @21.6	3.1 @65	n/s	65	220	n/s	
Potain	MDT 289	12	12 @24.9	2.75 @70	n/s	70	220	n/s	
Potain	MDT 319	12	12 @24.9	3.2 @70	n/s	70	220	n/s	
Potain	MDT 349 L12	12	12 @30	3.2 @75	n/s	75	220	n/s	
Potain	MDT 349 L16	16	16 @22.5	3 @75	n/s	75	204	n/s	
Potain	MDT 389 L12	12	12 @29.9	3.4 @75	n/s	75	220	n/s	
Potain	MDT 389 L16	16	16 @25.8	3.3 @75	n/s	75	204	n/s	
Potain	MDT 489 M20	20	20 @28.5	3.5 @80	n/s	80	195	n/s	
Potain	MDT 489 M25	25	25 @23	3.5 @80	n/s	80	195	n/s	
Potain	MDT 569 M20	20	20 @30	4.2t @80	n/s	80	195	n/s	
Potain	MDT 569 M25	25	25 @25.2	4.2t @80	n/s	80	195	n/s	
Potain	MDT 569 M32	32	32 @20.1	3.6 @80	n/s	80	151	n/s	
Potain	MDT 809 M25	25	25 @31	9.0 @80	n/s	80	195	n/s	
Potain	MDT 809 M32	32	32 @28.1	8.3 @80	n/s	80	215	n/s	
Potain	MDT 809 M40	40	40 @22.9	8.3 @80	n/s	80	162	n/s	
Potain	MD 559	20	20 @30	4.7 @80	n/s	80	162	n/s	
Potain	MD 569	25	25 @24.7	5.8 @80	n/s	80	195	n/s	
Potain	MD 689 M25	25	25 @28.8	6.7 @80	n/s	80	195	n/s	
Potain	MD 689 M40	40	40 @18	6.0 @80	n/s	80	162	n/s	
Potain	MD 1600	64	64 @28.3	17.4 @80	n/s	80	162	n/s	
Potain	MD 2200	64	64 @35	23.5 @80	n/s	80	162	n/s	
Potain	MD 3200	80	80 @37	38.7 @70	n/s	85	64	n/s	
Potain	MDLT 1109	40	40 @27.7	11.1 @80	n/s	80	133	n/s	
Potain	MCT 68	3	3 @20	1.1 @46	n/s	46	82	n/s	
Potain	MCT 88	5	5 @16.3	1.1 @52	n/s	52	82	n/s	
Raimondi Cranes S.p.A.	T97	6	6 @21.73	1.71 @50.5	225	18.0/50.5	110.03	0	104
Raimondi Cranes S.p.A.	T147	6	6 @32.54	1.65 @62.5	225	20.0/62.5	110.03	0	100
Raimondi Cranes S.p.A.	T147	8	8 @24.81	1.49 @62.5	310	20.0/62.5	105.96	0	100
Raimondi Cranes S.p.A.	T187	8	8 @28.52	1.65 @67.5	310	25.0/67.5	105.96	0	101
Raimondi Cranes S.p.A.	T187	10	10 @23.44	1.61 @67.5	310	25.0/67.5	101.7	0	101
Raimondi Cranes S.p.A.	T207	10	10 @28.13	2.34 @67.5	310	25.0/67.5	101.7	0	100
Raimondi Cranes S.p.A.	T357	16	16 @26.57	2.53 @77.5	392	30.0/77.5	142	0	90
Raimondi Cranes S.p.A.	T577	24	16 @28.90	3.41 @80	515	36.0/80	182	0	78
Raimondi Cranes S.p.A.	MRT48	4	4 @17.4	1.375 @42	120	24/42	91	0	110
Raimondi Cranes S.p.A.	MRT84	5	5 @18.5	1.375 @51	120	24/51	91	0	104
Raimondi Cranes S.p.A.	MRT159	8	8 @26.5	1.815 @65	420	26.5/65	136	0	108
Raimondi Cranes S.p.A.	MRT167	8	8 @26.5	1.815 @65	420	26.5/65	136	0	108
Raimondi Cranes S.p.A.	MRT189	10	10 @25.4	2.20 @65	330	30.5/65	136	0	108
Raimondi Cranes S.p.A.	MRT234	12	12 @25.2	2.25 @70	351	34/70	120	0	103
Raimondi Cranes S.p.A.	MRT294	16	16 @22.7	2.75 @76	350	30/76	136	0	98
Saez	TLS 55-13 6T	6	6 @17.7	1.485 @55	190	20/55	100	8	107.7
Saez	TLS 55-17 6T	6	6 @21.2	1.92 @55	190	20/55	100	8	107.7
Saez	TLS 60 8T	8	8 @14.6	1.4 @60	320	25/60	104		114
Saez	TLS 65 8T	8	8 @16.4	1.6 @65	320	25/65	104		114
Saez	TLS 65B 10T	10	10 @15.8	2 @65	320	25/65	104		114
Saez	TLS 70 12T	12	12 @17	2.2 @70	300	30/70	118		110
Saez	TLS 75 16T	16	16 @17.2	2.9 @75	300	30/75	119		100
Saez	TLS 80 24T	24	24 @15.2	3.2 @80	330	30/80	186		93.4
Saez	TLS 80 32T	32	32 @12.3	3.5 @80	300	30/80	138		93.4
Stafford Soima	SGT 5015TL	5	5 @18	1,65 @50	186	24/50	78	0	90
Stafford Soima	SGT 5030TL	8	8 @23	3,3 @50	209	28/50	101	0	81
Stafford Soima	SGT 5512TL	5	5 @18	1,38 @55	186	24/55	78	0	90
Stafford Soima	SGT 6020TL	8	8 @18	2,2 @60	209	28/60	94	0	81
Stafford Soima	SGT 6515TL	8	8 @18	1,65 @65	209	28/65	94	0	81
Stafford Soima	SGT 7018TL	10	10 @21	2 @70	209	26/70	118	0	72
Stafford Soima	SGT 7022TL	12	12 @18	2,4 @70	209	26/70	95	0	72
Stafford Soima	SGT 7030TL	16	16 @20	3,3 @70	204	28/70	106	0	66

SADDLE JIB BY MANUFACTURER

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Minimum/Maximum (m/m)	Maximum Hoist Speed (m/min)	Minimum Hoist Speed (m/min)	Max Freestanding Height (m)
Stafford Soima	SGT 8030TL	20	20 @ 18	3 @ 80	204	38/80	85	0	90
Stafford Soima	SGT 8041TL	32	32 @ 10	4,1 @ 80	204	43/77,5	155	0	90
Terex	FC 6.24H	1.5	1.5 @ 12.6	0.6 @ 24	43.1	12.6/24	36	0	26
Terex	CTT 91-5	5	5 @ 20.94	1.4 @ 50	155	25/50	69	0	48.70
Terex	CTT 132-6	6	6 @ 27.66	1.5 @ 60	155	30/60	80	0	55.3
Terex	CTT 172-8	8	8 @ 16.82	1.71 @ 65	255	25/65	132	0	70.8
Terex	CTT 202-8	8	8 @ 25.00	2.3 @ 65	255	25/65	132	0	76.7
Terex	CTT 202-10	10	10 @ 23.89	2.3 @ 65	265	25/65	110	0	76.7
Terex	CTT 222-10	10	10 @ 25.00	2.58 @ 65	340	25/65	110	0	79.8
Terex	CTT 292-12	12	12 @ 25.00	3.06 @ 70	340	25/70	245	0	78.4
Terex	CTT 332-16	16	16 @ 24.00	3.0 @ 75	360	30/75	145	0	98.4
Terex	CTT 472-20	20	20 @ 27.74	4.48 @ 80	495	30 / 80	190	0	92.4
Terex	CTT 561A-20	20	20 @ 31.72	2.2 @ 84	250	39/84	118	0	91.2
Terex	SK 415-20	20	20 @ 26.1	2.3 @ 80	260	35/80	110	0	68.6
Terex	CTT 561A-32	32	32 @ 20.11	1.5 @ 80	239	39/84	170	0	91.2
Terex	SK 575-32	32	32 @ 20.4	3.9 @ 80	216.5	40/80	126	0	75.8
Terex	CTT 721B-40	40	40 @ 21.9	4.65 @ 80	239	39/84	146	0	79.4
Wilbert	WT 150 e.tronic	6	6 @ 25	2 @ 60	160	25/60	120	n/s	95.6
Wilbert	WT 180 e.tronic	8	8 @ 30	1.8 @ 65	160	25/65	170	n/s	100
Wilbert	WT 200 e.tronic	8	8 @ 25	1.7 @ 65	160	25/65	130	n/s	92.5
Wilbert	WT 260 e.tronic	12	12 @ 25	2.7 @ 70	190	25/70	137	n/s	100
Wilbert	WT 320 e.tronic	12	12 @ 25	3.3 @ 75	610	25/75	224	n/s	85.8
Wilbert	WT 300 e.tronic	16	16 @ 25	4 @ 70	610	25/70	224	n/s	98.8
Wilbert	WT 360 e.tronic	16	16 @ 27.5	2.8 @ 77.5	610	25/77.5	170	n/s	100
Wilbert	WT 420 e.tronic	16	16 @ 30	2.8 @ 85	610	30/85	240	n/s	79.5
Wilbert	WT 650 e.tronic	32	32 @ 24	6.3 @ 82.5	500	30/82.5	240	n/s	83.7
Wilbert	WT 720 e.tronic	32	32 @ 25	5.8 @ 85	500	25/85	240	n/s	100
WOLFFKRAM	WOLFF 6031.12 Clear (US)	12	12.0 @ 21.5	2.0 @ 65	460	30 - 60	115		104.7
WOLFFKRAM	WOLFF 7534.16 Clear (US)	16.5	16.5 @ 24.1	2.9 @ 75	460	30 - 75	185		104.7
WOLFFKRAM	WOLFF 8033.8 Cross	8.5	8.5 @ 55	3.3 @ 80	460	30 - 80	185		91.2
WOLFFKRAM	WOLFF 8033.20 Cross (US)	20	20.0 @ 24.5	2.6 @ 80	400	30 - 80	190		91.2
WOLFFKRAM	WOLFF 8038.20 Clear (US)	20	20.0 @ 24.5	3.8 @ 80	400	31 - 80	190		91.2
WOLFFKRAM	WOLFF 8095 Compact	40	40.0 @ 25.9	10.5 @ 80	400	31 - 80	160		95.9
Zoomlion	T8030-25	25	25 @ 20	3 @ 80	350	30/80	150	6	91.2
Zoomlion	T600-32	32	32 @ 15	2.5 @ 85	350	30/85	150	6	91.2

SADDLE JIB BY CAPACITY

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Minimum/Maximum (m/m)	Maximum Hoist Speed (m/min)	Minimum Hoist Speed (m/min)	Max Freestanding Height (m)
Terex	FC 6.24H	1.5	1.5 @ 12.6	0.6 @ 24	43.1	12.6/24	36	0	26
Jaso	J4510	2.5	2.5 @ 30	1 @ 45	193	20/45	82	5	87.8
Jaso	J5010	2.5	2.5 @ 35	1 @ 50	193	20/50	82	5	87.8
Jaso	J5510	2.5	2.5 @ 29.9	1 @ 55	193	30 @ 55	82	5	87.8
Potain	MCT 68	3	3 @ 20	1.1 @ 46	n/s	46	82	n/s	
Raimondi Cranes S.p.A.	MRT48	4	4 @ 17.4	1.375 @ 42	120	24/42	91	0	110
COMANSA	5LC3510 5t	5	5 @ 7.5	1.1 @ 35	125	20 / 35	74	2.5	75.9
COMANSA	5LC4010 5t	5	5 @ 10	1.1 @ 40	125	20 / 40	74	2.5	75.9
COMANSA	5LC4510 5t	5	5 @ 12.5	1.1 @ 45	125	20 / 45	74	2.5	70.9
COMANSA	5LC5010 5t	5	5 @ 15	1.1 @ 50	125	20 / 50	74	2.5	70.9
COMANSA	11LC90 5t	5	5 @ 16.6	1.3 @ 52.5	165	30 / 52.5	76	2.5	68.5
COMANSA	11LC132 5t	5	5 @ 27.5	1.3 @ 60	165	30 / 60	76	2.5	108.8
Jaso	J52NS	5	5.0 @ 18.9	1.1 @ 52.0	189	20.0/52.0	102	4	85.6

SADDLE JIB BY CAPACITY

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Minimum/Maximum (m/m)	Maximum Hoist Speed (m/min)	Minimum Hoist Speed (m/min)	Max Freestanding Height (m)
Liebherr	85 EC-B 5 FR.tronic	5	5.00 @21.1	1.30 @50.0	260	20 to 50	149	0	47.8
Potain	MCT 88	5	5 @16.3	1.1 @52	n/s	52	82	n/s	
Raimondi Cranes S.p.A.	MRT84	5	5 @18.5	1.375 @51	120	24/51	91	0	104
Stafford Soima	SGT 5015TL	5	5 @18	1.65 @50	186	24/50	78	0	90
Stafford Soima	SGT 5512TL	5	5 @18	1.38 @55	186	24/55	78	0	90
Terex	CTT 91-5	5	5 @20.94	1.4 @50	155	25/50	69	0	48.70
COMANSA	11LC90 6t	6	6 @15.2	1.3 @52.5	220	30 / 52.5	154	3	68.5
COMANSA	11LC132 6t	6	6 @23.5	1.3 @60	310	30 / 60	230	3	108.8
COMANSA	11LC150 6t	6	6 @19.4	1.7 @60	580	30 / 60	310	0	103.3
Jaso	J85	6	6.0 @19.32	1.2 @55	240	25.0/55.0	80	3	86.7
Liebherr	125 EC-B 6	6	6.00 @22.5	1.6 @58	250	20 to 58	123	0	61.5
Potain	MDT 109	6	6 @17.8	1.35 @55	n/s	55	96	n/s	
Potain	MDT 139	6	6 @24.8	1.9 @55	n/s	55	96	n/s	
Potain	MDT159	6	6 @25	1.75 @60	n/s	60	96	n/s	
Raimondi Cranes S.p.A.	T97	6	6 @21.73	1.71 @50.5	225	18.0/50.5	110.03	0	104
Raimondi Cranes S.p.A.	T147	6	6 @32.54	1.65 @62.5	225	20.0/62.5	110.03	0	100
Saez	TLS 55-13 6T	6	6 @17.7	1.485 @55	190	20/55	100	8	107.7
Saez	TLS 55-17 6T	6	6 @21.2	1.92 @55	190	20/55	100	8	107.7
Terex	CTT 132-6	6	6 @27.66	1.5 @60	155	30/60	80	0	55.3
Wilbert	WT 150 e.tronic	6	6 @25	2 @60	160	25/60	120	n/s	95.6
COMANSA	11LC150 8t	8	8 @19.4	1.8 @60	580	30 / 60	310	0	103.3
COMANSA	11LC160 8t	8	8 @20.1	1.5 @60	580	30 / 65	310	0	103.3
COMANSA	16LC185 8t	8	8 @24.9	2.1 @65	310	30 / 65	194	0	104.8
Jaso	J115.8	8	8.0 @17.2	1.3 @60	534	25/60	100	12.5	82.4
Jaso	J145.A	8	8.0 @20.26	2.0 @60	534	30/60	100	12.5	82.9
Liebherr	150 EC-B 8 Litronic	8	8.00 @22.5	1.40 @62.5	328	24.4 to 62.5	174	0	76.5
Liebherr	172 EC-B 8 Litronic	8	8.00 @24.3	1.80 @62.5	328	24.4 to 62.5	174	0	75.5
Potain	MDT 189	8	8 @24.5	1.8 @60	n/s	60	121	n/s	
Potain	MDT 219 J8	8	8 @29.2	1.95 @65	n/s	65	121	n/s	
Raimondi Cranes S.p.A.	T147	8	8 @24.81	1.49 @62.5	310	20.0/62.5	105.96	0	100
Raimondi Cranes S.p.A.	T187	8	8 @28.52	1.65 @67.5	310	25.0/67.5	105.96	0	101
Raimondi Cranes S.p.A.	MRT159	8	8 @26.5	1.815 @65	420	26.5/65	136	0	108
Raimondi Cranes S.p.A.	MRT167	8	8 @26.5	1.815 @65	420	26.5/65	136	0	108
Saez	TLS 60 8T	8	8 @14.6	1.4 @60	320	25/60	104		114
Saez	TLS 65 8T	8	8 @16.4	1.6 @65	320	25/65	104		114
Stafford Soima	SGT 5030TL	8	8 @23	3.3 @50	209	28/50	101	0	81
Stafford Soima	SGT 6020TL	8	8 @18	2.2 @60	209	28/60	94	0	81
Stafford Soima	SGT 6515TL	8	8 @18	1.65 @65	209	28/65	94	0	81
Terex	CTT 172-8	8	8 @16.82	1.71 @65	255	25/65	132	0	70.8
Terex	CTT 202-8	8	8 @25.00	2.3 @65	255	25/65	132	0	76.7
Wilbert	WT 180 e.tronic	8	8 @30	1.8 @65	160	25/65	170	n/s	100
Wilbert	WT 200 e.tronic	8	8 @25	1.7 @65	160	25/65	130	n/s	92.5
WOLFFKRAN	WOLFF 8033.8 Cross	8.5	8.5 @55	3.3 @80	460	30 - 80	185		91.2
COMANSA	16LC185 10t	10	10 @20.2	1.9 @65	400	30 / 65	245	0	104.3
COMANSA	16LC220 10t	10	10 @23.3	2.3 @65	400	30 / 65	245	0	104.3
COMANSA	16LC260 10t	10	10 @30.1	2.3 @70	400	35 / 70	245	0	102.1
Jaso	J160.10	10	10.0 @17.0	1.7 @65	534	30/65	80	12.3	83.2
Jaso	J185	10	10.0 @17.6	2.0 @65	534	30/65	80	12.5	83.1
Jaso	J 190N.10.A	10	10.0 @24.6	2.75 @60	534	30/60	80	3.5	93.4
Jaso	J 200.10	10	10.0 @22.1	2.0 @67.5	534	30/67.5	90	12	82.7
Jaso	J 210.A	10	10.0 @26.0	3.0 @60	534	30/60	80	3.5	88.4
Liebherr	205 EC-B 10	10	10.00 @22.2	2.10 @65.0	321	24.4 to 65.0	139	0	75.2
Liebherr	220 EC-B 10	10	10.00 @23.5	2.25 @68	321	24.4 to 68	139	0	75.2
Liebherr	240 EC-B 10 Fibre	10	10.00 @23.9	2.5 @68	277	24.4 to 68	143	0	75.2
Potain	MDT 219 J10	10	10 @21.7	1.9 @65	n/s	65	101	n/s	
Potain	MDT 249 J10	10	10 @24.6	2.75 @65	n/s	65	215	n/s	
Potain	MDT 259 J10	10	10 @24.8	3.1 @65	n/s	65	215	n/s	
Potain	MDT 269 J10	10	10 @24.8	3.3 @65	n/s	65	215	n/s	

SADDLE JIB BY CAPACITY

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Minimum/Maximum (m/m)	Maximum Hoist Speed (m/min)	Minimum Hoist Speed (m/min)	Max Freestanding Height (m)
Raimondi Cranes S.p.A.	T187	10	10 @23.44	1.61 @67.5	310	25.0/67.5	101.7	0	101
Raimondi Cranes S.p.A.	T207	10	10 @28.13	2.34 @67.5	310	25.0/67.5	101.7	0	100
Raimondi Cranes S.p.A.	MRT189	10	10 @25.4	2.20 @65	330	30.5/65	136	0	108
Saez	TLS 65B 10T	10	10 @15.8	2 @65	320	25/65	104		114
Stafford Soima	SGT 7018TL	10	10 @21	2 @70	209	26/70	118	0	72
Terex	CTT 202-10	10	10 @23.89	2.3 @65	265	25/65	110	0	76.7
Terex	CTT 222-10	10	10 @25.00	2.58 @65	340	25/65	110	0	79.8
COMANSA	16LC185 12t	12	12 @17.2	1.9 @65	660	30 / 65	330	0	104.3
COMANSA	16LC220 12t	12	12 @19.8	2.3 @65	660	30 / 65	330	0	104.3
COMANSA	16LC260 12t	12	12 @25.6	2.3 @70	660	35 / 70	330	0	102.1
COMANSA	21LC335 12t	12	12 @29.7	2.9 @74	395	40 / 74	330	0	98.9
ENG	ETT244	12	12.0 @28.8	1.76 @75.0	450	33.0/75.0	120	5	82
Jaso	J 200.12	12	12.0 @18.1	1.8 @67.5	534	30/67,5	225	19	82.7
Jaso	J 235.12	12	12.0 @20.6	2.6 @65	534	30/67,5	225	19	82.7
Jaso	J 260N.A	12	12.0 @29.39	2.7 @70	364	35/70	120	17.5	93.4
Jaso	J 300N.A	12	12.0 @29.43	2.7 @75	364	35/75	120	17.5	93.4
Jaso	J 300N.2R.A	12	12.0 @7.7	2.5 @75	284	35/75	185	17.5	93.4
Liebherr	220 EC-B 12	12	12.00 @19.5	2.05 @68	325	24.4 to 68	116	0	73.1
Liebherr	240 EC-B 12 Fibre	12	12.00 @20.00	2.4 @68	269	24.4 to 68	119	0	73.1
Liebherr	270 EC-B 12	12	12.00 @26.3	2.1 @73	325	24.4 to 73	267	0	94.6
Liebherr	300 EC-B 12 Fibre	12	12.00 @27.1	2.55 @73	269	24.4 to 73	272	0	94.6
Liebherr	340 EC-B 12	12	12.00 @28	2.4 @78	325	24.4 to 78	267	0	94.6
Liebherr	370 EC-B 12 Fibre	12	12.00 @31	2.8 @78	269	24.4 to 78	272	0	94.6
Potain	MDT 249 J12	12	12 @20.4	2.6 @65	n/s	65	220	n/s	
Potain	MDT 259 J12	12	12 @21.6	2.9 @65	n/s	65	220	n/s	
Potain	MDT 269 J12	12	12 @21.6	3.1 @65	n/s	65	220	n/s	
Potain	MDT 289	12	12 @24.9	2.75 @70	n/s	70	220	n/s	
Potain	MDT 319	12	12 @24.9	3.2 @70	n/s	70	220	n/s	
Potain	MDT 349 L12	12	12 @30	3.2 @75	n/s	75	220	n/s	
Potain	MDT 389 L12	12	12 @29.9	3.4 @75	n/s	75	220	n/s	
Raimondi Cranes S.p.A.	MRT234	12	12 @25.2	2.25 @70	351	34/70	120	0	103
Saez	TLS 70 12T	12	12 @17	2.2 @70	300	30/70	118		110
Stafford Soima	SGT 7022TL	12	12 @18	2.4 @70	209	26/70	95	0	72
Terex	CTT 292-12	12	12 @25.00	3.06 @70	340	25/70	245	0	78.4
Wilbert	WT 260 e.tronic	12	12 @25	2.7 @70	190	25/70	137	n/s	100
Wilbert	WT 320 e.tronic	12	12 @25	3.3 @75	610	25/75	224	n/s	85.8
WOLFFKRAN	WOLFF 6031.12 Clear (US)	12	12.0 @21.5	2.0 @65	460	30 - 60	115		104.7
ENG	ETT344	16	16.0 @26.7	3.41 @75.0	454	37.0/75.0	150	5	82
Jaso	J 300N.16.A	16	16.0 @21.0	2.5 @75	528	35/75	125	17.5	93.4
Liebherr	340 EC-B 16	16	16.00 @21.0	2.1 @78	276	24.4 to 78	192	0	94.6
Liebherr	370 EC-B 16 Fibre	16	16.00 @22	2.5 @78	194	24.4 to 78	199	0	94.6
Liebherr	470 EC-B 16	16	16.00 @32	2.4 @83	276	24.4 to 83	192	0	94.8
Potain	MDT 349 L16	16	16 @22.5	3 @75	n/s	75	204	n/s	
Potain	MDT 389 L16	16	16 @25.8	3.3 @75	n/s	75	204	n/s	
Raimondi Cranes S.p.A.	T357	16	16 @26.57	2.53 @77.5	392	30.0/77.5	142	0	90
Raimondi Cranes S.p.A.	MRT294	16	16 @22.7	2.75 @76	350	30/76	136	0	98
Saez	TLS 75 16T	16	16 @17.2	2.9 @75	300	30/75	119		100
Stafford Soima	SGT 7030TL	16	16 @20	3.3 @70	204	28/70	106	0	66
Terex	CTT 332-16	16	16 @24.00	3.0 @75	360	30/75	145	0	98.4
Wilbert	WT 300 e.tronic	16	16 @25	4 @70	610	25/70	224	n/s	98.8
Wilbert	WT 360 e.tronic	16	16 @27.5	2.8 @77.5	610	25/77.5	170	n/s	100
Wilbert	WT 420 e.tronic	16	16 @30	2.8 @85	610	30/85	240	n/s	79.5
WOLFFKRAN	WOLFF 7534.16 Clear (US)	16.5	16.5 @24.1	2.9 @75	460	30 - 75	185		104.7
Jaso	J360	18	18.0 @24.6	4.0 @60	328	30/60	145	13	90.7
COMANSA	21LC335 20t	20	20 @17.9	2.9 @74	640	40 / 74	290	0	98.9
COMANSA	21LC450 20t	20	20 @24.7	3.3 @80	640	40 / 80	290	0	110.8
COMANSA	21LC600 20t	20	20 @33.5	4.95 @80	640	30 / 80	290	0	105.3
COMANSA	21LC650 20t	20	20 @37.8	4.95 @80	640	30 / 80	290	0	105.3

SADDLE JIB BY CAPACITY

Manufacturer	Model	Max	Max Load	Max Load	Maximum	Jib Length	Maximum	Minimum	Max
		Lifting Capacity (t)	up to ? Radius (t@m)	@Max Radius (t@m)	Hook Height (m)	Minimum/Maximum (m/m)	Hoist Speed (m/min)	Hoist Speed (m/min)	Freestanding Height (m)
COMANSA	21LC660 20t	20	20 @36.2	5.8 @84	320	40 / 84	290	0	105.3
COMANSA	21LC550 20t	20	20 @27.9	4.4 @80	640	40 / 80	290	0	110.7
COMANSA	21LC660 20t	20	20 @36.2	5.8 @84	320	40 / 84	290	0	105.3
Liebherr	470 EC-B 20	20	20.00 @25.5	2.2 @83	368	24.4 to 83	149	0	94.8
Liebherr	520 EC-B 20 Fibre	20	20.00 @26.6	2.9 @83	378	24.4 to 83	158	0	94.8
Liebherr	550 EC-H 20 Litronic	20	20.00 @37.60	4.00 @81.5	520	41.5 to 81.5	191	0	86.9
Potain	MDT 489 M20	20	20 @28.5	3.5 @80	n/s	80	195	n/s	
Potain	MDT 569 M20	20	20 @30	4.2t @80	n/s	80	195	n/s	
Potain	MD 559	20	20 @30	4.7 @80	n/s	80	162	n/s	
Stafford Soima	SGT 8030TL	20	20 @18	3 @80	204	38/80	85	0	90
Terex	CTT 472-20	20	20 @27.74	4.48 @80	495	30 / 80	190	0	92.4
Terex	CTT 561A-20	20	20 @31.72	2.2 @84	250	39/84	118	0	91.2
Terex	SK 415-20	20	20 @26.1	2.3 @80	260	35/80	110	0	68.6
WOLFFKRAN	WOLFF 8033.20 Cross (US)	20	20.0 @24.5	2.6 @80	400	30 - 80	190		91.2
WOLFFKRAN	WOLFF 8038.20 Clear (US)	20	20.0 @24.5	3.8 @80	400	31 - 80	190		91.2
Jaso	J360.24	24	24.0 @19.0	5.0 @55	314	30/55	115	10	90.7
Jaso	J365	24	24.0 @19.0	4.4 @60	410	30/55	115	10	81.6
Jaso	J390	24	24.0 @19.3	3.8 @75	310	30/75	115	10	81.6
Jaso	J560	24	24.0 @27.2	2.5 @85	828	30/85	331	14	83.8
Jaso	J 700	24	24.0 @31.9	5.5 @80	436	34.5/80	185	14	86.4
Raimondi Cranes S.p.A.	T577	24	16 @28.90	3.41 @80	515	36.0/80	182	0	78
Saez	TLS 80 24T	24	24 @15.2	3.2 @80	330	30/80	186		93.4
COMANSA	21LC600 25t	25	25 @26.3	4.5 @80	785	30 / 80	202	0	103.8
COMANSA	21LC650 25t	25	25 @29.4	4.5 @80	785	30 / 80	202	0	103.8
COMANSA	21LC660 25t	25	25 @30	5.2 @84	393	40 / 84	300	0	103.8
COMANSA	21LC750 25t	25	25 @38.9	8.0 @80	393	40 / 80	300	0	98.2
COMANSA	21LC450 25t	25	25 @19.1	2.8 @80	785	40 / 80	202	0	109.3
COMANSA	21LC550 25t	25	25 @21.8	3.9 @80	790	40 / 80	202	0	103.7
COMANSA	21LC1050 25t	25	25 @46.6	11.8 @80	393	30 / 80	300	0	98.2
ENG	ETT531	25	25.0 @22.7	2.20 @86.0	500	36.0/86.0	196	6	90.7
Potain	MDT 489 M25	25	25 @23	3.5 @80	n/s	80	195	n/s	
Potain	MDT 569 M25	25	25 @25.2	4.2t @80	n/s	80	195	n/s	
Potain	MDT 809 M25	25	25 @31	9.0 @80	n/s	80	195	n/s	
Potain	MD 569	25	25 @24.7	5.8 @80	n/s	80	195	n/s	
Potain	MD 689 M25	25	25 @28.8	6.7 @80	n/s	80	195	n/s	
Zoomlion	T8030-25	25	25 @20	3 @80	350	30/80	150	6	91.2
COMANSA	30LC1100 32t	32	32 @38.2	12.1 @80	363	40 / 80	259	0	108.3
COMANSA	30LC1450 32t	32	32 @50.5	16 @80	363	40 / 80	259	0	102.8
Potain	MDT 569 M32	32	32 @20.1	3.6 @80	n/s	80	151	n/s	
Potain	MDT 809 M32	32	32 @28.1	8.3 @80	n/s	80	215	n/s	
Saez	TLS 80 32T	32	32 @12.3	3.5 @80	300	30/80	138		93.4
Stafford Soima	SGT 8041TL	32	32 @10	4,1 @80	204	43/77,5	155	0	90
Terex	CTT 561A-32	32	32 @20.11	1.5 @80	239	39/84	170	0	91.2
Terex	SK 575-32	32	32 @20.4	3.9 @80	216.5	40/80	126	0	75.8
Wilbert	WT 650 e.tronic	32	32 @24	6.3 @82.5	500	30/82.5	240	n/s	83.7
Wilbert	WT 720 e.tronic	32	32 @25	5.8 @85	500	25/85	240	n/s	100
Zoomlion	T600-32	32	32 @15	2.5 @85	350	30/85	150	6	91.2
COMANSA	21LC660 37.5t	37.5	37.5 @20.5	5.2 @84	393	40 / 84	300	0	103.8
COMANSA	21LC750 37.5t	37.5	37.5 @26.4	8.0 @80	393	40 / 80	300	0	98.2
COMANSA	21LC1050 37.5t	37.5	37.5 @32.7	11.8 @80	393	30 / 80	300	0	98.2
ENG	ETT791	40	40.0 @21.4	4.07 @90.0	336	42.0/90.0	120	6	90.5
Liebherr	550 EC-H 40 Litronic	40	40.00 @18.30	4.00 @81.5	520	40 to 81.5	191	0	85.5
Liebherr	630 EC-H 40 Litronic	40	40.00 @18.90	5.80 @81.4	520	36 to 81.4	191	0	80
Liebherr	1000 EC-H 40 Litronic	40	40.00 @27.40	11.50 @81.4	520	34.5 to 81.4	191	0	97.1
Liebherr	1188 EC-H 40 Fibre	40	40.00 @28.9	9.10 @91.4	378	34.5 to 91.4	158	0	97.1
Liebherr	1250 HC 40	40	40.00 @31.00	12.50 @81	520	38.8 to 81	191	0	79
Potain	MDT 809 M40	40	40 @22.9	8.3 @80	n/s	80	162	n/s	
Potain	MD 689 M40	40	40 @18	6.0 @80	n/s	80	162	n/s	

SADDLE JIB BY CAPACITY

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Minimum/Maximum (m/m)	Maximum Hoist Speed (m/min)	Minimum Hoist Speed (m/min)	Max Freestanding Height (m)
Potain	MDLT 1109	40	40 @27.7	11.1 @80	n/s	80	133	n/s	
Terex	CTT 721B-40	40	40 @21.9	4.65 @80	239	39/84	146	0	79.4
WOLFFKRAN	WOLFF 8095 Compact	40	40.0 @25.9	10.5 @80	400	31 - 80	160		95.9
COMANSA	30LC1100 48t	48	48 @26.6	12.1 @80	363	40 / 80	259	0	108.3
COMANSA	30LC1450 48t	48	48 @35.4	16 @80	363	40 / 80	259	0	102.8
Jaso	J800.48	48	48.0 @19.9	5.1 @80	455	23/80	150	13	51.1
COMANSA	21LC660 50t	50	50 @16.1	4.6 @84	393	40 / 84	150	0	103.8
COMANSA	21LC750 50t	50	50 @20.6	7.3 @80	393	40 / 80	150	0	98.2
COMANSA	21LC1050 50t	50	50 @25.9	11.2 @80	393	30 / 80	150	0	98.2
COMANSA	21LC1400 50t	50	50 @34.6	10.7 @84.6	393	28.6 / 85	150	0	86.5
Liebherr	630 EC-H 50 Litronic	50	50.00 @15.20	5.20 @81.4	334	36 to 81.4	153	0	80
Liebherr	1000 EC-H 50 Litronic	50	50.00 @22.1	11.00 @81.4	334	34.5 to 81.4	154	0	94.2
Liebherr	1250 HC 50	50	50.00 @24.30	12.00 @81.00	441	38.8 to 81	154	0	79
Liebherr	2000 HC 60	60	60.00 @34.90	22.00 @81.4	441	48 to 81,4	105	0	91.8
COMANSA	30LC1100 64t	64	64 @20.2	10.4 @80	363	40 / 80	130	0	108.3
COMANSA	30LC1450 64t	64	64 @26.8	14.8 @80	363	40 / 80	130	0	102.8
Jaso	J 1400	64	64.0 @24.3	10.5 @80	456	25/80	94	9	69.3
Potain	MD 1600	64	64 @28.3	17.4 @80	n/s	80	162	n/s	
Potain	MD 2200	64	64 @35	23.5 @80	n/s	80	162	n/s	
COMANSA	21LC1400 66t	66	66 @26.5	9.6 @85	355	28.6 / 85	116	0	86.5
Potain	MD 3200	80	80 @37	38.7 @70	n/s	85	64	n/s	
COMANSA	30LC1450 90t	90	90 @18	26.4 @60	362.5	40 / 60	93	0	96.8

SELF-ERECTING BY MANUFACTURER

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Maximum Hook Height (m)	Jib Length Min/Max (m/m)	Max Hoist Speed (m/min)
Liebherr	25 L	2.5	2.5 @11.4	0.8 @27	19.2	22 to 27	51
Liebherr	33 L	4	4 @10.6	1.05 @30	21.3	25 to 30	57
Liebherr	34 K (2/4)	4	4.00 @11.04	1.00 @33.0	27	25.5 to 33	51.4
Liebherr	42 K.1 (2/4)	4	4.00 @14.4	1.10 @36.0	28	25.5 to 36	53.3
Liebherr	42 KR.1 (2/4)	4	4.00 @14.4	1.10 @36.0	28	25.5 to 36	53.3
Liebherr	53 K (2/4)	4.2	4.20 @15.3	1.00 @40.0	30.4	28 to 40	89
Liebherr	65 K.1	4.5	4.50 @17.60	1.35 @43.0	34.6	28 to 43	74.1
Liebherr	81 K.1	6	6.00 @16.3	1.35 @48.0	40.4	31 to 48	76.1
Liebherr	125 K	8	8.00 @16.3	1.3 @55	41.5	35 to 55	66.3
Liebherr	MK 73-3.1	6	6.00 @13,5	2.0 @38,5	26,5	38,5	89
Liebherr	MK 88-4.1	8	8.00 @13	2.20 @45.0	30.2	45	82
Liebherr	MK 140-5.1	8	8.00 @14.4	1.00 @65.0	39.9	58.5 to 65	109
Liebherr	MK 120-5.1	8	8.00 @14.5	2.10 @52.0	38.8	52	109
Potain	Hup 32-27	4	4 @12.1	1 @32	27	32	65
Potain	Hup 40-30	4	4 @15.7	1 @40	30	40	65
Potain	Igo 13	1.8	1.8 @9.3	0.7 @20	17	20	39
Potain	Igo 15	1.8	1.8 @10.9	0.7 @22	19	22	39
Potain	Igo 18	1.8	1.8 @12	0.7 @24	19	24	39
Potain	Igo 21	1.8	1.8 @13.4	0.7 @26	19	26	39
Potain	Igo 22	1.8	1.8 @16	0.85 @28	20	28	39
Potain	Igo M 14	1.8	1.8 @9.1	0.6 @22	19	22	39
Potain	Igo M 24-19	1.8	1,8 @10	0,57 @24	19	24	39
Potain	Igo MA 21	1.8	1.8 @13.4	0.7 @26	19	26	39
Potain	Evy 30-23 2.2 t	2.2	2,2 @16,7	1 @30	23	30	49
Potain	Hup M 28-22 A	2.2	2,2 @14,1	0.85 @28	22	28	49

SELF-ERECTING BY MANUFACTURER

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Max Hook Height (m)	Jib Length Min/Max (m/m)	Max Hoist Speed (m/min)
Potain	Igo 30	2.2	2.2 @ 14.6	0.9 @ 30	21	30	48
Potain	Evy 30-23 4 t	4	4 @ 10.2	1 @ 30	23	30	65
Potain	Hup 32-27	4	4 @ 12,1	1 @ 32	27	32	65
Potain	Hup 40-30	4	4 @ 15,7	1 @ 40	30	40	65
Potain	Igo 32	4	4 @ 10.8	1.1 @ 30	22	30	66.5
Potain	Igo 50	4	4 @ 15.7	1.1 @ 40	23	40	66.5
Potain	Igo T 70 A	4	4 @ 19.2	1.45 @ 40	35	40	68
Potain	Igo T 85 A	6	6 @ 15.7	1.4 @ 45	38	45	69
Potain	Igo T 99	6	6 @ 17,7m	1.2 @ 48	38.5	48	54
Potain	Igo T 130	8	8 @ 18.6	1.4 @ 50	37	50	63
Stafford Soima	SGH 24x40	4	4 @ 48,9	1 @ 40		13.1/39.9	53
Terex	CBR 21H	1.6	1.6 @ 10	0.6	21.6	11.2-21	36
Terex	CBR 24 Plus	2	2 @ 12.3	0.75	23.3	12.3-24	36
Terex	CBR 28 Plus	2.5	2.5 @ 13.5	0.9	26.5	14.4-27.8	40
Terex	CBR 32 Plus	4	4 @ 3.75	1	31.1	13.7-32	46
Terex	CBR 40H	4	4 @ 14.5	1	32.2	27.2-40	46
Terex	CSE 30	4.4	4.4 @ 10.62	1.3	27.1	14.1-30	52
Terex	CSE 32	4.4	4.4 @ 10.27	1.15	27.5	14.1-32	56
Terex	CSE 40	4.4	4.4 @ 12.41	1.15	32.2	27.5-40	56
Vicario	22-AR	1.8	1.8 @ 8.64	0.6 @ 21.9	17.2	10.7-21.9	37
Vicario	24-AR	1.8	1.8 @ 8.8	.5 @ 24	17.2	11.8-24	37
Vicario	26-A SR	2.2	2.2 @ 10.9	.75 @ 26	22.4	10.9-26	42
Vicario	350-SR	2.2	2.2 @ 12.13	.85 @ 27	24	13.13-27	42
Vicario	30-A	4	4 @ 9.6	1 @ 30	24	14-30	56
Vicario	34-A	4	4 @ 10.9	1 @ 34	25	14-34	56
Vicario	370	4	4 @ 12.4	1 @ 38	25.5	28-38	56
Vicario	340	4	4 @ 13.45	1 @ 42	26	28-42	56
Vicario	45-A	4	4 @ 14.45	1 @ 45	27	30-45	56

SELF-ERECTING BY CAPACITY

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Max Hook Height (m)	Jib Length Min/Max (m/m)	Max Hoist Speed (m/min)
Terex	CBR 21H	1.6	1.6 @ 10	0.6	21.6	11.2-21	36
Potain	Igo 13	1.8	1.8 @ 9.3	0.7 @ 20	17	20	39
Potain	Igo 15	1.8	1.8 @ 10.9	0.7 @ 22	19	22	39
Potain	Igo 18	1.8	1.8 @ 12	0.7 @ 24	19	24	39
Potain	Igo 21	1.8	1.8 @ 13.4	0.7 @ 26	19	26	39
Potain	Igo 22	1.8	1.8 @ 16	0.85 @ 28	20	28	39
Potain	Igo M 14	1.8	1.8 @ 9.1	0.6 @ 22	19	22	39
Potain	Igo M 24-19	1.8	1.8 @ 10	0.57 @ 24	19	24	39
Potain	Igo MA 21	1.8	1.8 @ 13.4	0.7 @ 26	19	26	39
Vicario	22-AR	1.8	1.8 @ 8.64	0.6 @ 21.9	17.2	10.7-21.9	37
Vicario	24-AR	1.8	1.8 @ 8.8	.5 @ 24	17.2	11.8-24	37
Terex	CBR 24 Plus	2	2 @ 12.3	0.75	23.3	12.3-24	36
Potain	Evy 30-23 2.2 t	2.2	2.2 @ 16.7	1 @ 30	23	30	49
Potain	Hup M 28-22 A	2.2	2.2 @ 14,1	0.85 @ 28	22	28	49
Potain	Igo 30	2.2	2.2 @ 14.6	0.9 @ 30	21	30	48
Vicario	26-A SR	2.2	2.2 @ 10.9	.75 @ 26	22.4	10.9-26	42
Vicario	350-SR	2.2	2.2 @ 12.13	.85 @ 27	24	13.13-27	42
Liebherr	25 L	2.5	2.5 @ 11.4	0.8 @ 27	19.2	22 to 27	51
Terex	CBR 28 Plus	2.5	2.5 @ 13.5	0.9	26.5	14.4-27.8	40
Liebherr	33 L	4	4 @ 10.6	1.05 @ 30	21.3	25 to 30	57
Liebherr	34 K (2/4)	4	4.00 @ 11.04	1.00 @ 33.0	27	25.5 to 33	51.4
Liebherr	42 K.1 (2/4)	4	4.00 @ 14.4	1.10 @ 36.0	28	25.5 to 36	53.3
Liebherr	42 KR.1 (2/4)	4	4.00 @ 14.4	1.10 @ 36.0	28	25.5 to 36	53.3

SELF-ERECTING BY CAPACITY

Manufacturer	Model	Max Lifting Capacity (t)	Max Load up to ? Radius (t@m)	Max Load @Max Radius (t@m)	Max Hook Height (m)	Jib Length Min/Max (m/m)	Max Hoist Speed (m/min)
Potain	Hup 32-27	4	4 @ 12.1	1 @ 32	27	32	65
Potain	Hup 40-30	4	4 @ 15.7	1 @ 40	30	40	65
Potain	Evy 30-23 4 t	4	4 @ 10.2	1 @ 30	23	30	65
Potain	Hup 32-27	4	4 @ 12.1	1 @ 32	27	32	65
Potain	Hup 40-30	4	4 @ 15.7	1 @ 40	30	40	65
Potain	Igo 32	4	4 @ 10.8	1.1 @ 30	22	30	66.5
Potain	Igo 50	4	4 @ 15.7	1.1 @ 40	23	40	66.5
Potain	Igo T 70 A	4	4 @ 19.2	1.45 @ 40	35	40	68
Stafford Soima	SGH 24x40	4	4 @ 48,9	1 @ 40		13.1/39.9	53
Terex	CBR 32 Plus	4	4 @ 3.75	1	31.1	13.7-32	46
Terex	CBR 40H	4	4 @ 14.5	1	32.2	27.2-40	46
Vicario	30-A	4	4 @ 9.6	1 @ 30	24	14-30	56
Vicario	34-A	4	4 @ 10.9	1 @ 34	25	14-34	56
Vicario	370	4	4 @ 12.4	1 @ 38	25.5	28-38	56
Vicario	340	4	4 @ 13.45	1 @ 42	26	28-42	56
Vicario	45-A	4	4 @ 14.45	1 @ 45	27	30-45	56
Liebherr	53 K (2/4)	4.2	4.20 @ 15.3	1.00 @ 40.0	30.4	28 to 40	89
Liebherr	65 K.1	4.5	4.50 @ 17.60	1.35 @ 43.0	34.6	28 to 43	74.1
Liebherr	81 K.1	6	6.00 @ 16.3	1.35 @ 48.0	40.4	31 to 48	76.1
Liebherr	MK 73-3.1	6	6.00 @ 13,5	2.0 @ 38,5	26,5	38,5	89
Potain	Igo T 85 A	6	6 @ 15.7	1.4 @ 45	38	45	69
Potain	Igo T 99	6	6 @ 17,7m	1.2 @ 48	38.5	48	54
Liebherr	125 K	8	8.00 @ 16.3	1.3 @ 55	41.5	35 to 55	66.3
Liebherr	MK 88-4.1	8	8.00 @ 13	2.20 @ 45.0	30.2	45	82
Liebherr	MK 140-5.1	8	8.00 @ 14.4	1.00 @ 65.0	39.9	58.5 to 65	109
Liebherr	MK 120-5.1	8	8.00 @ 14.5	2.10 @ 52.0	38.8	52	109
Potain	Igo T 130	8	8 @ 18.6	1.4 @ 50	37	50	63
Terex	CSE 30	4,4	4.4 @ 10.62	1.3	27.1	14.1-30	52
Terex	CSE 32	4,4	4.4 @ 10.27	1.15	27.5	14.1-32	56
Terex	CSE 40	4,4	4.4 @ 12.41	1.15	32.2	27.5-40	56

ARTICULATING CRANES BY MANUFACTURER

Manufacturer	Model	Load at Maximum		Maximum	Powered	Folded	Installed	Capacity US tons
		Maximum Lifting Capacity (pounds)	Radius (feet/inches)	Hook Height (feet/inches)	Boom Length (feet/inches)	Height (feet/inches)	Weight (pounds)	
Effer	65	5,835	7 ft 11 in	46 ft 1 in	34 ft 1 in	78 in	1,740	2.9
Effer	80	6,250	8 ft 4 in	46 ft 4 in	35 ft 4 in	82 in	2,015	3.1
Effer	100	7,735	7 ft 11 in	45 ft 7 in	34 ft 7 in	85 in	2,380	3.8
Effer	145	9,180	9 ft 8 in	66 ft 1 in	55 ft 1 in	89 in	3,679	4.6
Effer	165	10,955	9 ft 2 in	65 ft 4 in	54 ft 4 in	90 in	4,010	5.5
Effer	225	15,990	9 ft 8 in	60 ft 0 in	55 ft 7 in	92 in	6,250	8.1
Effer	265	17,855	9 ft 8 in	67 ft 7 in	55 ft 7 in	92 in	6,250	8.9
Effer	315	22,640	8 ft 10 in	81 ft 9 in	69 ft 9 in	93 in	7,195	11.3
Effer	375	24,165	9 ft 5 in	82 ft 1 in	70 ft 1 in	95 in	8,320	12.1
Effer	395	25,570	9 ft 5 in	82 ft 1 in	70 ft 1 in	95 in	8,320	12.8
Effer	455/505	31,305	9 ft 10 in	82 ft 9 in	70 ft 9 in	96 in	11,195	15.6
Effer	655/685	41,300	9 ft 6 in	87 ft 5 in	75 ft 5 in	97 in	12,420	20.6
Effer	1355	51,145	13 ft 7 in	84 ft 3 in	72 ft 3 in	101 in	23,445	25.5
Effer	1405	52,025	13 ft 7 in	84 ft 3 in	72 ft 3 in	101 in	23,545	29.4
Effer	855	52,685	9 ft 6 in	82 ft 6 in	75 ft 3 in	98 in	15,895	26.3
Effer	955	54,780	9 ft 6 in	82 ft 6 in	75 ft 3 in	98 in	15,895	27.3
Effer	2655	60,185	15 ft 0 in	104 ft 11 in	90 ft 0 in	108 in	37,367	37.6
Effer	1750	63,380	14 ft 2 in	76 ft 8 in	64 ft 8 in	104 in	26,565	37.2
Effer	1855	65,035	14 ft 2 in	84 ft 2 in	72 ft 2 in	104 in	26,715	38.2
Effer	2055	71,205	13 ft 2 in	84 ft 2 in	71 ft 5 in	106 in	28,395	38.9
Effer	2255	66,135	14 ft 5 in	98 ft 5 in	141 ft 10 in	111 in	39,903	39.7
Effer	2755	108,025	9 ft 11 in	45 ft 11 in	36 ft 10 in	83 in	56,980	54.1

ARTICULATING CRANES BY MANUFACTURER

Manufacturer	Model	Maximum Lifting Capacity (pounds)	Load at Maximum Radius (feet/inches)	Maximum Hook Height (feet/inches)	Powered Boom Length (feet/inches)	Folded Height (feet/inches)	Installed Weight (pounds)	Capacity US tons
Fassi	F22A.0.22	2,193	407 lbs @ 26 ft 4 in	31 ft 4 in	7 ft 10 in	4 ft 11 in	881	1
Fassi	F28A.0.23	2,193	440 lbs @ 26 ft 4 in	31 ft 4 in	7 ft 10 in	4 ft 11 in	1,025	1
Fassi	F38A.0.23	2,193	507 lbs @ 28 ft 8 in	33 ft 10 in	13 ft 1 in	5 ft 2 in	1,267	1
Fassi	M10A 12	2,194	661 lbs @ 11 ft 7 in	15 ft 7 in	5 ft 2 in	3 ft 11 in	396	1
Fassi	M30A 13	4,404	794 lbs @ 22 ft 4 in	27 ft 7 in	10 ft 5 in	5 ft 3 in	573	2
Fassi	F50A.0.24	5,004	462 lbs @ 35 ft 5 in	41 ft 5 in	17 ft 6 in	5 ft 9 in	1,653	2.5
Fassi	F600SE.44	6,600	1,390 lbs @ 100 ft	1,121 ft	100'	95"	17,195	3.3
Fassi	F65B.1.24	6,832	640 lbs @ 41 ft 11 in	46 ft 2 in	24ft 6in	6 ft 3 in	2,050	3
Fassi	F85B.0.24	8,377	903 lbs @ 43 ft 31 in	50 ft 4 in	30 ft 7 in	6 ft 5 in	2,579	4
Fassi	F425SE.04	9,000	3,550 @ 61ft	72 ft 11 in	61'	95"	10,000	4.5
Fassi	F95B.0.24	9,744	220 lbs @ 59 ft 6 in	66 ft 8 in	30 ft 6 in	7 ft 2 in	3,593	5
Fassi	F135A.2.26	10,251	110 lbs @ 81 ft 4 in	89 ft	40 ft 4 in	7 ft 9 in	5,423	5
Fassi	F155A.0.26	11,023	220 lbs @ 81 ft 4 in	89 ft	45 ft 4 in	7 ft 9 in	6,172	5
Fassi	F175A.2.26	11,794	242 lbs @ 81 ft 10 in	89 ft 6 in	50 ft 10 in	8 ft 9 in	7,495	6
Fassi	F115A 24	11,904	396 lbs @ 59 ft 2 in	66 ft 2 in	30 ft 6 in	7 ft 2 in	4,309	6
Fassi	F135A.0.25	12,632	573 lbs @ 68 ft 4 in	76 ft 10 in	32 ft 3 in	7 ft 2 in	4,783	6
Fassi	F195A.2.26	12,896	286 lbs @ 81 ft 10 in	89 ft 6 in	50 ft 10 in	8 ft 9 in	7,495	6.5
Fassi	F215A.2.26	13,668	330 lbs @ 81 ft 10 in	89 ft 6 in	50 ft 10 in	8 ft 9 in	7,716	7
Fassi	F155A.0.25	13,911	573 lbs @ 68 ft 4 in	76 ft 10 in	32 ft 3 in	7 ft 2 in	4,795	7
Fassi	F175A.0.25	17,636	220 lbs @ 80 ft 6 in	88 ft	37 ft 8 in	7 ft 10 in	6,547	8.5
Fassi	F245A.2.28	17,636	473 lbs @ 87 ft 11 in	101 ft	50 ft 8 in	8 ft 6 in	9,500	8.5
Fassi	F275A.2.28	17,636	606 lbs @ 87 ft 11 in	101 ft	50 ft 8 in	8 ft 6 in	9,500	8.5
Fassi	F195A.0.25	19,102	330 lbs @ 80 ft 8 in	88 ft	43 ft 8 in	7 ft 10 in	6,889	9.5
Fassi	F245A.0.26	19,620	551 lbs @ 79 ft 8 in	95 ft	49 ft 6 in	8 ft 6 in	8,500	9.5
Fassi	F295A.2.28	19,841	440 lbs @ 95 ft 1 in	110 ft	63 ft 3 in	8 ft 6 in	12,500	10.5
Fassi	F295RA.2.28	19,841	440 lbs @ 95 ft 1 in	110 ft	63 ft 3 in	8 ft 6 in	12,500	10.5
Fassi	F215A.0.25	20,657	385 lbs @ 80 ft 6 in	88 ft	43 ft 8 in	7 ft 10 in	6,889	10
Fassi	F335A.2.28	20,943	529 lbs @ 94 ft 3 in	109 ft 3 in	63 ft 3 in	8 ft 6 in	12,500	10.5
Fassi	F335RA.2.28	20,943	529 lbs @ 94 ft 3 in	109 ft 3 in	63 ft 3 in	8 ft 6 in	12,500	10.5
Fassi	F385A.2.28	26,455	727 lbs @ 94 ft 5 in	107 ft 5 in	72 ft 9 in	8 ft 6 in	17,500	13
Fassi	F385RA.2.28	26,455	727 lbs @ 94 ft 5 in	107 ft 5 in	72 ft 9 in	8 ft 6 in	17,500	13
Fassi	F275A.0.26	29,762	617 lbs @ 79 ft 8 in	95 ft	49 ft 6 in	8 ft 6 in	8,500	9.5
Fassi	F455A.2.28	29,762	485 lbs @ 101 ft 10 in	106ft	72 ft 11 in	8 ft 6 in	13,558	15
Fassi	F455RA.2.28	29,762	485 lbs @ 101 ft 10 in	106ft	72 ft 11 in	8 ft 6 in	13,558	15
Fassi	F515RA.2.28	35,273	661 lbs @ 100 ft 5 in	106ft	75 ft 9 in	8 ft 6 in	13,558	16.5
Fassi	F660RA.2.28	35,273	485 lbs @ 116 ft 5 in	131 ft 3 in	75 ft 9 in	8 ft 6 in	15,000	17.5
Fassi	F800RA.2.28	48,501	727 lbs @ 109 ft 10 in	124 ft	75 ft 9 in	8 ft 6 in	17,600	24
Fassi	F950RA.2.28	48,501	551 lbs @ 121 ft 10 in	136 ft	80 ft	8 ft 6 in	19,000	24
Fassi	F1100RA.2.28	55,115	727 lbs @ 121 ft 4 in	135 ft 2 in	79 ft 2 in	8 ft 6 in	23,000	27.5
Fassi	F1300RA.2.28	55,115	727 lbs @ 121 ft 4 in	135 ft 2 in	79 ft 4 in	8 ft 6 in	33,500	27.5
Fassi	F1950RAL.2.28	58,973	727 lbs @ 151 ft 5 in	163 ft 2 in	80 ft 5 in	8 ft 6 in	45,000	29
Fassi	F2150RAL.2.28	63,272	728 lbs @ 152 ft 8 in	163 ft 2 in	80 ft 5 in	8 ft 6 in	45,000	32
Fassi	F1500RA.2.28	66,138	727 lbs @ 120 ft 4 in	134 ft 2 in	72 ft 2 in	8 ft 6 in	35,000	33
IMT	2.5/18	1,740	715 lb (325 kg) @ 22'8"	28' 1" (8.6 m)	23' (7 m)	5 ft	895 lb (405 kg)	0.87
IMT	3.2/23	2,195	960 lb (435 kg) @ 23'4"	29' 3" (8.9 m)	23 ft 7 in (7.2 m)	5 ft 3 in	920 lb (418 kg)	1.1
IMT	610 MCS/RC	6,526	948 lb (430 kg) @ 35'5"	43' 11" (13.4 m)	35' 4" (10.8 m)	6 ft 2 in	1,389 lb (630 kg)	3
IMT	710 RCS	6,526	992 lb @ 35'5"	43' 11" (13.4 m)	35' 4" (10.8 m)	6 ft 2 in	1,389 lb (630 kg)	3.4
IMT	810 MCS/RC	8,245	1268 lb (575 kg) @ 36'1"	42' 5" (12.9 m)	36' 1" (11 m)	6 ft 2 in	1466 lb (665 kg)	3.8
IMT	910 RCS	8,509	1323 lb (600 kg) @ 36'1"	42' 5" (12.9 m)	36' 1" (11 m)	6 ft 2 in	1466 lb (665 kg)	4.2
IMT	1030 MCS	9,281	1102 lb (500 kg) @ 45'6"	53' 4" (16.3 m)	45' 6" (13.9 m)	7 ft	2172 lb (985 kg)	4.3
IMT	10/72 SL	9,722	1190 lb (540 kg) @ 45'7"	53' 4" (16.3 m)	45' 11" (14 m)	7 ft	2172 lb (985kg)	4.6
IMT	1230 MCS	10,163	1213 lb (550 kg) @ 48'10"	56' 5" (17.2 m)	49' 2" (15 m)	7 ft	2381 lb (1080 kg)	4.6
IMT	10/72 DL	10,384	1124 lb (510 kg) @ 45'7"	53' 4" (16.3 m)	45' 11" (14 m)	7 ft	2005 lb (1000 kg)	4.6
IMT	12/86 SL	10,626	1301 lb (590 kg) @ 48'10"	56' 5" (17.2 m)	49' 2" (15 m)	7 ft	2381 lb (1080 kg)	5
IMT	12/86 DL	10,670	1279 lb (580 kg) @ 48'10"	56' 5" (17.2 m)	49' 2" (15 m)	7 ft	2458 lb (1115 kg)	5.1
IMT	1430 MCS	11,023	926 lb (420 kg) @ 56'5"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	2889 lb (1310 kg)	5.1
IMT	1610 RCS	11,684	1169 lb (530 kg) @ 56'5"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	2889 lb (1310 kg)	5.5
IMT	1620 RCS	12,280	1146 lb (520 kg) @ 56'4"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	2,999 lb (1360 kg)	5.9
IMT	1910 RCS	13,448	1543 lb (700 kg) @ 56'5"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	3021 lb (1370 kg)	5.9

ARTICULATING CRANES BY MANUFACTURER

Manufacturer	Model	Maximum Lifting Capacity (pounds)	Load at Maximum	Maximum	Powered	Folded	Installed	Capacity US tons
			Radius (feet/inches)	Hook Height (feet/inches)	Boom Length (feet/inches)	Height (feet/inches)	Weight (pounds)	
IMT	32/222	15,058	1764 lb (800 kg) @ 69'6"	77' 10" (23.7 m)	69' 11" (21.3 m)	7 ft 9 in	5710 lb (2590 kg)	9.5
IMT	1920 RCS	15,631	1543 lb (700 kg) @ 48'11"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	3131 lb (1420 kg)	6.4
IMT	2310 RCS	16,204	1080 lb (490 kg) @ 70'6"	79' 1" (24.1 m)	70' 10" (21.6 m)	7 ft 6 in	3869 lb (1800 kg)	6.7
IMT	40/275	19,025	2225 lb (1010 kg) @ 69'10"	79' 1" (24.1 m)	69' 11" (21.3 m)	7 ft 10 in	6945 lb (3150 kg)	9.7
IMT	2810 RCS	20,018	1521 lb (690 kg) @ 70'6"	79' 1" (24.1 m)	70' 10" (21.6 m)	7 ft 6 in	4178 lb (1895 kg)	7.4
IMT	2320 RCS	20,260	1080 lb (490 kg) @ 70'5"	79' 1" (24.1 m)	70' 10" (21.6 m)	7 ft 6 in	4145 lb (1880 kg)	6.9
IMT	2820 RCS	20,260	1521 lb (690 kg) @ 70'6"	79' 1" (24.1 m)	70' 10" (21.6 m)	7 ft 6 in	4365 lb (1980 kg)	7.4
IMT	50/345	22,840	3085 lb (1400 kg) @ 70'3"	78' 11" (24.1 m)	70' 3" (21.4 m)	7 ft 10 in	7959 lb (3610 kg)	11.4
IMT	7020	30,490	4519 lb (2050 kg) @ 66'11"	76' 1" (23.2 m)	67' 7" (20.6 m)	8 ft 1 in	9844 lb (4465 kg)	13.9
IMT	9520	40,433	6305 lb (2860 kg) @ 65'11"	72' 2" (22 m)	66' 7" (20.3 m)	8 ft 2 in	12,500 lb (5670 kg)	17.2
Jekko	JF235	13,560 lb	518 @ 74'6"	82 ft	72 ft	9.1 ft	-	6.78
Jekko	JF365	25,353.2 lb	520 @ 87'07"	96 ft	49.2 ft	9.2 ft	28,555	12.6
Jekko	JF545	34,171.7 lb	992 @ 98'05"	106 ft	53.3 ft	9.4 ft	40,123	17
Jekko	JF990	47,399.4 lb	1796 @ 104'06"	113 ft	65.6 ft	10.3 ft	62.15	23.6
Manitex PM	8.5 P	4410	540 @ 41 ft 0 in	50 ft 3 in	34 ft 5 in	6 ft 3 in	1945	2.205
Manitex PM	9.5 P	5290	760 @ 41 ft 10 in	51 ft	40 ft 8 in	6 ft 6 in	2340	2.6
Manitex PM	16.5 S	8070	905 @ 62 ft 4 in	75 ft 4 in	62 ft 4 in	7 ft 4 in	4255	4.035
Manitex PM	28.5 SP	13510	1480 @ 70 ft 8 in	101 ft 3 in	87 ft 11 in	7 ft 9 in	5732	6.75
Manitex PM	38.5 SP	17990	2160 @ 70 ft 8 in	101 ft 3 in	88 ft 1 in	7 ft 9 in	6835	8.995
Manitex PM	47.5 SP	27340	2570 @ 76 ft 1 in	112 ft 7 in	100 ft 7 in	8 ft 2 in	9205	13.67
Manitex PM	48.5 SP	27340	2570 @ 76 ft 7 in	113 ft	101 ft 1 in	8 ft 2 in	9625	13.67
Manitex PM	65 SP	30530	3970 @ 71 ft 6 in	119 ft	101 ft 10 in	8 ft 4 in	13151	15.26
Manitex PM	58.5 SP	32740	3120 @ 76 ft 7 in	118ft	106 ft 4 in	8 ft 2 in	10430	16.37
Manitex PM	100 SP	42220	6080 @ 73 ft 10 in	121 ft 9 in	109 ft 9 in	8 ft 2 in	16790	21.11
Manitex PM	210 SP	48150	8440 @ 86 ft 7 in	160 ft 11 in	148 ft 11 in	9 ft 4 in	20085	24.075
Manitex PM	150 SP	54010	8430 @ 71 ft 10 in	138 ft	113 ft 4 in	8 ft 8 in	24585	27
Palfinger	PK 3400	2,180	490 @ 32 ft 2 in	n/s	32 ft 2 in	n/s	985	1.09
Palfinger	PK 4200	2,183	660 @ 32 ft 2 in	n/s	32 ft 2 in	n/s	1082	1.09
Palfinger	PC 1500	2,200	950 @ 10 ft 2 in	n/s	10 ft 2 in	n/s	375	1.1
Palfinger	PC 2700	4,400	1100 @ 16 ft 5 in	n/s	16 ft 5 in	n/s	478	2.2
Palfinger	PC 3800	4,400	1600 @ 16 ft 5 in	n/s	16 ft 5 in	n/s	570	2.2
Palfinger	PK 5.001 SLD 3	7,300	640 @ 36 ft 5 in	n/s	36 ft 5 in	n/s	1,530	3.65
Palfinger	PK 7.001 SLD 3	7,300	930 @ 36 ft 9 in	n/s	36 ft 9 in	n/s	1,650	3.65
Palfinger	PK 5.501 SLD 5	7,300	750 @ 36 ft 5 in	n/s	36 ft 5 in	n/s	1,600	3.65
Palfinger	PK 7.501 SLD 5	7,300	1060 @ 36 ft 9 in	n/s	36 ft 9 in	n/s	1,720	3.65
Palfinger	PK 8.501 SLD 3	12,570	1100 @ 38 ft 9 in	n/s	38 ft 9 in	n/s	2,320	5.7
Palfinger	PK 11.001 SLD 3	12,570	1500 @ 39 ft 6 in	n/s	39 ft 6 in	n/s	2,510	5.7
Palfinger	PK 12.501 SLD 5	12,570	1700 @ 39 ft 6 in	n/s	39 ft 6 in	n/s	2,580	5.7
Palfinger	PK 9.501 SLD 5	12,570	1260 @ 38 ft 9 in	n/s	38 ft 9 in	n/s	2,380	5.71
Palfinger	PK 14002-EH	13,670	1000 @ 55 ft 9 in	n/s	55 ft 9 in	n/s	3,940	5.98
Palfinger	PK 22002-EH	13,440	1820 @ 56 ft 1 in	n/s	56 ft 1 in	n/s	5,270	6.1
Palfinger	PK 11001 CM	12,350	1920 @ 33 ft 6 in	n/s	33 ft 6 in	n/s	2,770	6.2
Palfinger	PK 18002-EH	13,670	1440 @ 55 ft 9 in	n/s	55 ft 9 in	n/s	4,170	6.2
Palfinger	PK 8501 CM	12,600	1520 @ 32 ft 6 in	n/s	32 ft 6 in	n/s	2,425	6.3
Palfinger	PK 14.501 SLD	13,670	1700 @ 48 ft 7 in	n/s	48 ft 7 in	n/s	3,390	6.835
Palfinger	PK 17.001 SLD 3	13,700	1820 @ 48 ft 7 in	n/s	48 ft 7 in	n/s	3,675	6.85
Palfinger	PK 19.001 SLD	13,700	2100 @ 48 ft 7 in	n/s	47 ft 11 in	n/s	4,670	6.85
Palfinger	PK 21.501 SLD 3	13,700	2400 @ 48 ft 11 in	n/s	47 ft 11 in	n/s	4,980	6.85
Palfinger	PK 24.001 SLD 5	13,700	2700 @ 48 ft 11 in	n/s	47 ft 11 in	n/s	4,980	6.85
Palfinger	PK 26002-EH	19,620	1300 @ 69 ft 11 in	n/s	69 ft 11 in	n/s	5,694	8.89
Palfinger	PK 30002	22,050	1560 @ 69 ft 11 in	n/s	69 ft 11 in	n/s	6,340	9.09
Palfinger	PK 33002-EH	22,050	1900 @ 69 ft 11 in	n/s	69 ft 11 in	n/s	6,340	9.09
Palfinger	PK 370 TEC	22,046	2150 @ 71 ft 6 in	n/s	71 ft 6 in	n/s	6,770	11.02
Palfinger	PK 40002-EH	32,190	2450 @ 68 ft 11 in	n/s	68 ft 11 in	n/s	8,490	14.2
Palfinger	PK 42002-SH	32,848	2600 @ 68 ft 11 in	n/s	68 ft 11 in	n/s	8,490	16.42
Palfinger	PK 46002	34,170	3450 @ 68 ft 11 in	n/s	68 ft 11 in	n/s	8,490	17.085
Palfinger	PK 480 TEC	36,380	3050 @ 69 ft 7 in	n/s	69 ft 7 in	n/s	9,480	18.19
Palfinger	PK 53002-SH	39,462	3500 @ 68 ft 11 in	n/s	68 ft 11 in	n/s	9,140	19.7
Palfinger	PK 63002-EH	48,500	4300 @ 66 ft 11 in	n/s	66 ft 11 in	n/s	11,111	22

ARTICULATING CRANES BY MANUFACTURER

Manufacturer	Model	Maximum Lifting Capacity (pounds)	Load at Maximum	Maximum	Powered	Folded	Installed	Capacity US tons
			Radius (feet/inches)	Hook Height (feet/inches)	Boom Length (feet/inches)	Height (feet/inches)	Weight (pounds)	
Palfinger	PK 580 TEC	44,090	3950 @ 69ft 7 in	n/s	69 ft 7 in	n/s	10,295	22.04
Palfinger	PK 76002-EH	50,710	5600 @ 66 ft 11 in	n/s	66 ft 11 in	n/s	13,029	23
Palfinger	PK 65002-SH	48,500	4600 @ 66 ft 11 in	n/s	66 ft 11 in	n/s	11,111	24.25
Palfinger	PK 78002-SH	55,120	6000 @ 66 ft 11 in	n/s	66 ft 11 in	n/s	13,025	27.56
Palfinger	PK 88002-EH	66,200	5400 @ 73 ft 10 in	n/s	73 ft 10 in	n/s	14,947	30
Palfinger	PK 110002-SH	66,140	6900 @ 72 ft 2 in	n/s	72 ft 2 in	n/s	19,466	33.07
Palfinger	PK 92002-SH	66,200	5400 @ 73 ft 10 in	n/s	73 ft 10 in	n/s	14,947	33.1
Palfinger	PK 135.002 TEC 7	66,200	8400 @ 72 ft 2 in	n/s	72 ft 2 in	n/s	22,420	33.1
Palfinger	PK 1050 TEC	66,200	7000 @ 73 ft 6 in	n/s	73 ft 6 in	n/s	16,490	33.1
Palfinger	PK 165.002 TEC 7	70,600	2450 @ 68 ft 10 in	n/s	68 ft 10 in	n/s	70,600	35.3
Palfinger	PK 200002L-SH	88,200	8700 @ 83 ft 12 in	n/s	83 ft 12 in	n/s	33,686	44.1

ARTICULATING CRANES BY CAPACITY

Manufacturer	Model	Maximum Lifting Capacity (pounds)	Load at Maximum	Maximum	Powered	Folded	Installed	Capacity US tons
			Radius (feet/inches)	Hook Height (feet/inches)	Boom Length (feet/inches)	Height (feet/inches)	Weight (pounds)	
IMT	2.5/18	1,740	715 lb (325 kg) @ 22'8"	28' 1" (8.6 m)	23' (7 m)	5 ft	895 lb (405 kg)	0.87
Fassi	F22A.0.22	2,193	407 lbs @ 26 ft 4 in	31 ft 4 in	7 ft 10 in	4 ft 11 in	881	1
Fassi	F28A.0.23	2,193	440 lbs @ 26 ft 4 in	31 ft 4 in	7 ft 10 in	4 ft 11 in	1,025	1
Fassi	F38A.0.23	2,193	507 lbs @ 28 ft 8 in	33 ft 10 in	13 ft 1 in	5 ft 2 in	1,267	1
Fassi	M10A 12	2,194	661 lbs @ 11 ft 7 in	15 ft 7 in	5 ft 2 in	3 ft 11 in	396	1
Palfinger	PK 3400	2,180	490 @ 32 ft 2 in	n/s	32 ft 2 in	n/s	985	1.09
Palfinger	PK 4200	2,183	660 @ 32 ft 2 in	n/s	32 ft 2 in	n/s	1082	1.09
IMT	3.2/23	2,195	960 lb (435 kg) @ 23'4"	29' 3" (8.9 m)	23 ft 7 in (7.2 m)	5 ft 3 in	920 lb (418 kg)	1.1
Palfinger	PC 1500	2,200	950 @ 10 ft 2 in	n/s	10 ft 2 in	n/s	375	1.1
Fassi	M30A 13	4,404	794 lbs @ 22 ft 4 in	27 ft 7 in	10 ft 5 in	5 ft 3 in	573	2
Palfinger	PC 2700	4,400	1100 @ 16 ft 5 in	n/s	16 ft 5 in	n/s	478	2.2
Palfinger	PC 3800	4,400	1600 @ 16 ft 5 in	n/s	16 ft 5 in	n/s	570	2.2
Manitex PM	8.5 P	4410	540 @ 41 ft 0 in	50 ft 3 in	34 ft 5 in	6 ft 3 in	1945	2.205
Fassi	F50A.0.24	5,004	462 lbs @ 35 ft 5 in	41 ft 5 in	17 ft 6 in	5 ft 9 in	1,653	2.5
Manitex PM	9.5 P	5290	760 @ 41 ft 10 in	51 ft	40 ft 8 in	6 ft 6 in	2340	2.6
Effer	65	5,835	7 ft 11 in	46 ft 1 in	34 ft 1 in	78 in	1,740	2.9
Fassi	F65B.1.24	6,832	640 lbs @ 41 ft 11 in	46 ft 2 in	24ft 6in	6 ft 3 in	2,050	3
IMT	610 MCS/RC	6,526	948 lb (430 kg) @ 35'5"	43' 11" (13.4 m)	35' 4" (10.8 m)	6 ft 2 in	1,389 lb (630 kg)	3
Effer	80	6,250	8 ft 4 in	46 ft 4 in	35 ft 4 in	82 in	2,015	3.1
Fassi	F600SE.44	6,600	1,390 lbs @ 100 ft	1,121 ft	100'	95"	17,195	3.3
IMT	710 RCS	6,526	992 lb @ 35'5"	43' 11" (13.4 m)	35' 4" (10.8 m)	6 ft 2 in	1,389 lb (630 kg)	3.4
Palfinger	PK 5.001 SLD 3	7,300	640 @ 36 ft 5 in	n/s	36 ft 5 in	n/s	1,530	3.65
Palfinger	PK 7.001 SLD 3	7,300	930 @ 36 ft 9 in	n/s	36 ft 9 in	n/s	1,650	3.65
Palfinger	PK 5.501 SLD 5	7,300	750 @ 36 ft 5 in	n/s	36 ft 5 in	n/s	1,600	3.65
Palfinger	PK 7.501 SLD 5	7,300	1060 @ 36 ft 9 in	n/s	36 ft 9 in	n/s	1,720	3.65
Effer	100	7,735	7 ft 11 in	45 ft 7 in	34 ft 7 in	85 in	2,380	3.8
IMT	810 MCS/RC	8,245	1268 lb (575 kg) @ 36'1"	42' 5" (12.9 m)	36' 1" (11 m)	6 ft 2 in	1466 lb (665 kg)	3.8
Fassi	F85B.0.24	8,377	903 lbs @ 43 ft 31 in	50 ft 4 in	30 ft 7 in	6 ft 5 in	2,579	4
Manitex PM	16.5 S	8070	905 @ 62 ft 4 in	75 ft 4 in	62 ft 4 in	7 ft 4 in	4255	4.035
IMT	910 RCS	8,509	1323 lb (600 kg) @ 36'1"	42' 5" (12.9 m)	36' 1" (11 m)	6 ft 2 in	1466 lb (665 kg)	4.2
IMT	1030 MCS	9,281	1102 lb (500 kg) @ 45'6"	53' 4" (16.3 m)	45' 6" (13.9 m)	7 ft	2172 lb (985 kg)	4.3
Fassi	F425SE.04	9,000	3,550 @ 61ft	72 ft 11 in	61'	95"	10,000	4.5
Effer	145	9,180	9 ft 8 in	66 ft 1 in	55 ft 1 in	89 in	3,679	4.6
IMT	10/72 SL	9,722	1190 lb (540 kg) @ 45'7"	53' 4" (16.3 m)	45' 11" (14 m)	7 ft	2172 lb (985kg)	4.6
IMT	1230 MCS	10,163	1213 lb (550 kg) @ 48'10"	56' 5" (17.2 m)	49' 2" (15 m)	7 ft	2381 lb (1080 kg)	4.6
IMT	10/72 DL	10,384	1124 lb (510 kg) @ 45'7"	53' 4" (16.3 m)	45' 11" (14 m)	7 ft	2005 lb (1000 kg)	4.6
Fassi	F95B.0.24	9,744	220 lbs @ 59 ft 6 in	66 ft 8 in	30 ft 6 in	7 ft 2 in	3,593	5
Fassi	F135A.2.26	10,251	110 lbs @ 81 ft 4 in	89 ft	40 ft 4 in	7 ft 9 in	5,423	5
Fassi	F155A.0.26	11,023	220 lbs @ 81 ft 4 in	89 ft	45 ft 4 in	7 ft 9 in	6,172	5
IMT	12/86 SL	10,626	1301 lb (590 kg) @ 48'10"	56' 5" (17.2 m)	49' 2" (15 m)	7 ft	2381 lb (1080 kg)	5
IMT	12/86 DL	10,670	1279 lb (580 kg) @ 48'10"	56' 5" (17.2 m)	49' 2" (15 m)	7 ft	2458 lb (1115 kg)	5.1

ARTICULATING CRANES BY CAPACITY

Manufacturer	Model	Maximum Lifting Capacity (pounds)	Load at Maximum	Maximum	Powered	Folded	Installed Weight (pounds)	Capacity US tons
			Radius (feet/inches)	Hook Height (feet/inches)	Boom Length (feet/inches)	Height (feet/inches)		
IMT	1430 MCS	11,023	926 lb (420 kg) @ 56'5"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	2889 lb (1310 kg)	5.1
Effer	165	10,955	9 ft 2 in	65 ft 4 in	54 ft 4 in	90 in	4,010	5.5
IMT	1610 RCS	11,684	1169 lb (530 kg) @ 56'5"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	2889 lb (1310 kg)	5.5
Palfinger	PK 8.501 SLD 3	12,570	1100 @ 38 ft 9 in	n/s	38 ft 9 in	n/s	2,320	5.7
Palfinger	PK 11.001 SLD 3	12,570	1500 @ 39 ft 6 in	n/s	39 ft 6 in	n/s	2,510	5.7
Palfinger	PK 12.501 SLD 5	12,570	1700 @ 39 ft 6 in	n/s	39 ft 6 in	n/s	2,580	5.7
Palfinger	PK 9.501 SLD 5	12,570	1260 @ 38 ft 9 in	n/s	38 ft 9 in	n/s	2,380	5.71
IMT	1620 RCS	12,280	1146 lb (520 kg) @ 56'4"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	2,999 lb (1360 kg)	5.9
IMT	1910 RCS	13,448	1543 lb (700 kg) @ 56'5"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	3021 lb (1370 kg)	5.9
Palfinger	PK 14002-EH	13,670	1000 @ 55 ft 9 in	n/s	55 ft 9 in	n/s	3,940	5.98
Fassi	F175A.2.26	11,794	242 lbs @ 81 ft 10 in	89 ft 6 in	50 ft 10 in	8 ft 9 in	7,495	6
Fassi	F115A.24	11,904	396 lbs @ 59 ft 2 in	66 ft 2 in	30 ft 6 in	7 ft 2 in	4,309	6
Fassi	F135A.0.25	12,632	573 lbs @ 68 ft 4 in	76 ft 10 in	32 ft 3 in	7 ft 2 in	4,783	6
Palfinger	PK 22002-EH	13,440	1820 @ 56 ft 1 in	n/s	56 ft 1 in	n/s	5,270	6.1
Palfinger	PK 11001 CM	12,350	1920 @ 33 ft 6 in	n/s	33 ft 6 in	n/s	2,770	6.2
Palfinger	PK 18002-EH	13,670	1440 @ 55 ft 9 in	n/s	55 ft 9 in	n/s	4,170	6.2
Palfinger	PK 8501 CM	12,600	1520 @ 32 ft 6 in	n/s	32 ft 6 in	n/s	2,425	6.3
IMT	1920 RCS	15,631	1543 lb (700 kg) @ 48'11"	65' (19.8 m)	56' 9" (17.3 m)	7 ft 4 in	3131 lb (1420 kg)	6.4
Fassi	F195A.2.26	12,896	286 lbs @ 81 ft 10 in	89 ft 6 in	50 ft 10 in	8 ft 9 in	7,495	6.5
IMT	2310 RCS	16,204	1080 lb (490 kg) @ 70'6"	79' 1" (24.1 m)	70' 10" (21.6 m)	7 ft 6 in	3869 lb (1800 kg)	6.7
Manitex PM	28.5 SP	13510	1480 @ 70 ft 8 in	101 ft 3 in	87 ft 11 in	7 ft 9 in	5732	6.75
Jekko	JF235	13,560 lb	518 @ 74'6"	82 ft	72 ft	9,1 ft	-	6.78
Palfinger	PK 14.501 SLD	13,670	1700 @ 48 ft 7 in	n/s	48 ft 7 in	n/s	3,390	6.835
Palfinger	PK 17.001 SLD 3	13,700	1820 @ 48 ft 7 in	n/s	48 ft 7 in	n/s	3,675	6.85
Palfinger	PK 19.001 SLD	13,700	2100 @ 48 ft 7 in	n/s	47 ft 11 in	n/s	4,670	6.85
Palfinger	PK 21.501 SLD 3	13,700	2400 @ 48 ft 11 in	n/s	47 ft 11 in	n/s	4,980	6.85
Palfinger	PK 24.001 SLD 5	13,700	2700 @ 48 ft 11 in	n/s	47 ft 11 in	n/s	4,980	6.85
IMT	2320 RCS	20,260	1080 lb (490 kg) @ 70'5"	79' 1" (24.1 m)	70' 10" (21.6 m)	7 ft 6 in	4145 lb (1880 kg)	6.9
Fassi	F215A.2.26	13,668	330 lbs @ 81 ft 10 in	89 ft 6 in	50 ft 10 in	8 ft 9 in	7,716	7
Fassi	F155A.0.25	13,911	573 lbs @ 68 ft 4 in	76 ft 10 in	32 ft 3 in	7 ft 2 in	4,795	7
IMT	2810 RCS	20,018	1521 lb (690 kg) @ 70'6"	79' 1" (24.1 m)	70' 10" (21.6 m)	7 ft 6 in	4178 lb (1895 kg)	7.4
IMT	2820 RCS	20,260	1521 lb (690 kg) @ 70'6"	79' 1" (24.1 m)	70' 10" (21.6 m)	7 ft 6 in	4365 lb (1980 kg)	7.4
Effer	225	15,990	9 ft 8 in	60 ft 0 in	55 ft 7 in	92 in	6,250	8.1
Fassi	F175A.0.25	17,636	220 lbs @ 80 ft 6 in	88 ft	37 ft 8 in	7 ft 10 in	6,547	8.5
Fassi	F245A.2.28	17,636	473 lbs @ 87 ft 11 in	101 ft	50 ft 8 in	8 ft 6 in	9,500	8.5
Fassi	F275A.2.28	17,636	606 lbs @ 87 ft 11 in	101 ft	50 ft 8 in	8 ft 6 in	9,500	8.5
Palfinger	PK 26002-EH	19,620	1300 @ 69 ft 11 in	n/s	69 ft 11 in	n/s	5,694	8.89
Effer	265	17,855	9 ft 8 in	67 ft 7 in	55 ft 7 in	92 in	6,250	8.9
Manitex PM	38.5 SP	17990	2160 @ 70 ft 8 in	101 ft 3 in	88 ft 1 in	7 ft 9 in	6835	8.995
Palfinger	PK 30002	22,050	1560 @ 69 ft 11 in	n/s	69 ft 11 in	n/s	6,340	9.09
Palfinger	PK 33002-EH	22,050	1900 @ 69 ft 11 in	n/s	69 ft 11 in	n/s	6,340	9.09
Fassi	F195A.0.25	19,102	330 lbs @ 80 ft 8 in	88 ft	43 ft 8 in	7 ft 10 in	6,889	9.5
Fassi	F245A.0.26	19,620	551 lbs @ 79 ft 8 in	95 ft	49 ft 6 in	8 ft 6 in	8,500	9.5
Fassi	F275A.0.26	29,762	617 lbs @ 79 ft 8 in	95 ft	49 ft 6 in	8 ft 6 in	8,500	9.5
IMT	32/222	15,058	1764 lb (800 kg) @ 69'6"	77' 10" (23.7 m)	69' 11" (21.3 m)	7 ft 9 in	5710 lb (2590 kg)	9.5
IMT	40/275	19,025	2225 lb (1010 kg) @ 69'10"	79' 1" (24.1 m)	69' 11" (21.3 m)	7 ft 10 in	6945 lb (3150 kg)	9.7
Fassi	F215A.0.25	20,657	385 lbs @ 80 ft 6 in	88 ft	43 ft 8 in	7 ft 10 in	6,889	10
Fassi	F295A.2.28	19,841	440 lbs @ 95 ft 1 in	110 ft	63 ft 3 in	8 ft 6 in	12,500	10.5
Fassi	F295RA.2.28	19,841	440 lbs @ 95 ft 1 in	110 ft	63 ft 3 in	8 ft 6 in	12,500	10.5
Fassi	F335A.2.28	20,943	529 lbs @ 94 ft 3 in	109 ft 3 in	63 ft 3 in	8 ft 6 in	12,500	10.5
Fassi	F335RA.2.28	20,943	529 lbs @ 94 ft 3 in	109 ft 3 in	63 ft 3 in	8 ft 6 in	12,500	10.5
Palfinger	PK 370 TEC	22,046	2150 @ 71 ft 6 in	n/s	71 ft 6 in	n/s	6,770	11.02
Effer	315	22,640	8 ft 10 in	81 ft 9 in	69 ft 9 in	93 in	7,195	11.3
IMT	50/345	22,840	3085 lb (1400 kg) @ 70'3"	78' 11" (24.1 m)	70' 3" (21.4 m)	7 ft 10 in	7959 lb (3610 kg)	11.4
Effer	375	24,165	9 ft 5 in	82 ft 1 in	70 ft 1 in	95 in	8,320	12.1
Jekko	JF365	25,353,2 lb	520 @ 87'07"	96 ft	49,2 ft	9,2 ft	28,555	12.6
Effer	395	25,570	9 ft 5 in	82 ft 1 in	70 ft 1 in	95 in	8,320	12.8
Fassi	F385A.2.28	26,455	727 lbs @ 94 ft 5 in	107 ft 5 in	72 ft 9 in	8 ft 6 in	17,500	13
Fassi	F385RA.2.28	26,455	727 lbs @ 94 ft 5 in	107 ft 5 in	72 ft 9 in	8 ft 6 in	17,500	13

ARTICULATING CRANES BY CAPACITY

Manufacturer	Model	Maximum Lifting Capacity (pounds)	Load at Maximum	Maximum	Powered	Folded	Installed	Capacity US tons
			Radius (feet/inches)	Hook Height (feet/inches)	Boom Length (feet/inches)	Height (feet/inches)	Weight (pounds)	
Manitex PM	47.5 SP	27340	2570 @ 76 ft 1 in	112 ft 7 in	100 ft 7 in	8 ft 2 in	9205	13.67
Manitex PM	48.5 SP	27340	2570 @ 76 ft 7 in	113 ft	101 ft 1 in	8 ft 2 in	9625	13.67
IMT	7020	30,490	4519 lb (2050 kg) @ 66'11"	76' 1" (23.2 m)	67' 7" (20.6 m)	8 ft 1 in	9844 lb (4465 kg)	13.9
Palfinger	PK 40002-EH	32,190	2450 @ 68 ft 11 in	n/s	68 ft 11 in	n/s	8,490	14.2
Fassi	F455A.2.28	29,762	485 lbs @ 101 ft 10 in	106ft	72 ft 11 in	8 ft 6 in	13,558	15
Fassi	F455RA.2.28	29,762	485 lbs @ 101 ft 10 in	106ft	72 ft 11 in	8 ft 6 in	13,558	15
Manitex PM	65 SP	30530	3970 @ 71 ft 6 in	119 ft	101 ft 10 in	8 ft 4 in	13151	15.26
Effer	455/505	31,305	9 ft 10 in	82 ft 9 in	70 ft 9 in	96 in	11,195	15.6
Manitex PM	58.5 SP	32740	3120 @ 76 ft 7 in	118ft	106 ft 4 in	8 ft 2 in	10430	16.37
Palfinger	PK 42002-SH	32,848	2600 @ 68 ft 11 in	n/s	68 ft 11 in	n/s	8,490	16.42
Fassi	F515RA.2.28	35,273	661 lbs @ 100 ft 5 in	106ft	75 ft 9 in	8 ft 6 in	13,558	16.5
Jekko	JF545	34,171.7 lb	992 @ 98'05"	106 ft	53.3 ft	9.4 ft	40,123	17
Palfinger	PK 46002	34,170	345 @ 68 ft 11 in	n/s	68 ft 11 in	n/s	8,490	17.085
IMT	9520	40,433	6305 lb (2860 kg) @ 65'11"	72' 2" (22 m)	66' 7" (20.3 m)	8 ft 2 in	12,500 lb (5670 kg)	17.2
Fassi	F660RA.2.28	35,273	485 lbs @ 116 ft 5 in	131 ft 3 in	75 ft 9 in	8 ft 6 in	15,000	17.5
Palfinger	PK 480 TEC	36,380	3050 @ 69 ft 7 in	n/s	69 ft 7 in	n/s	9,480	18.19
Palfinger	PK 53002-SH	39,462	3500 @ 68 ft 11 in	n/s	68 ft 11 in	n/s	9,140	19.7
Effer	655/685	41,300	9 ft 6 in	87 ft 5 in	75 ft 5 in	97 in	12,420	20.6
Manitex PM	100 SP	42220	6080 @ 73 ft 10 in	121 ft 9 in	109 ft 9 in	8 ft 2 in	16790	21.11
Palfinger	PK 63002-EH	48,500	4300 @ 66 ft 11 in	n/s	66 ft 11 in	n/s	11,111	22
Palfinger	PK 580 TEC	44,090	3950 @ 69ft 7 in	n/s	69 ft 7 in	n/s	10,295	22.04
Palfinger	PK 76002-EH	50,710	5600 @ 66 ft 11 in	n/s	66 ft 11 in	n/s	13,029	23
Jekko	JF990	47,399.4 lb	1796 @ 104'06"	113 ft	65.6 ft	10.3 ft	62.15	23.6
Fassi	F800RA.2.28	48,501	727 lbs @ 109 ft 10 in	124 ft	75 ft 9 in	8 ft 6 in	17,600	24
Fassi	F950RA.2.28	48,501	551 lbs @ 121 ft 10 in	136 ft	80 ft	8 ft 6 in	19,000	24
Manitex PM	210 SP	48150	8440 @ 86 ft 7 in	160 ft 11 in	148 ft 11 in	9 ft 4 in	20085	24.075
Palfinger	PK 65002-SH	48,500	4600 @ 66 ft 11 in	n/s	66 ft 11 in	n/s	11,111	24.25
Effer	1355	51,145	13 ft 7 in	84 ft 3 in	72 ft 3 in	101 in	23,445	25.5
Effer	855	52,685	9 ft 6 in	82 ft 6 in	75 ft 3 in	98 in	15,895	26.3
Manitex PM	150 SP	54010	8430 @ 71 ft 10 in	138 ft	113 ft 4 in	8 ft 8 in	24585	27
Effer	955	54,780	9 ft 6 in	82 ft 6 in	75 ft 3 in	98 in	15,895	27.3
Fassi	F1100RA.2.28	55,115	727 lbs @ 121 ft 4 in	135 ft 2 in	79 ft 2 in	8 ft 6 in	23,000	27.5
Fassi	F1300RA.2.28	55,115	727 lbs @ 121 ft 4 in	135 ft 2 in	79 ft 4 in	8 ft 6 in	33,500	27.5
Palfinger	PK 78002-SH	55,120	6000 @ 66 ft 11 in	n/s	66 ft 11 in	n/s	13,025	27.56
Fassi	F1950RAL.2.28	58,973	727 lbs @ 151 ft 5 in	163 ft 2 in	80 ft 5 in	8 ft 6 in	45,000	29
Effer	1405	52,025	13 ft 7 in	84 ft 3 in	72 ft 3 in	101 in	23545	29.4
Palfinger	PK 88002-EH	66,200	5400 @ 73 ft 10 in	n/s	73 ft 10 in	n/s	14,947	30
Fassi	F2150RAL.2.28	63,272	728 lbs @ 152 ft 8 in	163 ft 2 in	80 ft 5 in	8 ft 6 in	45,000	32
Fassi	F1500RA.2.28	66,138	727 lbs @ 120 ft 4 in	134 ft 2 in	72 ft 2 in	8 ft 6 in	35,000	33
Palfinger	PK 110002-SH	66,140	6900 @ 72 ft 2 in	n/s	72 ft 2 in	n/s	19,466	33.07
Palfinger	PK 92002-SH	66,200	5400 @ 73 ft 10 in	n/s	73 ft 10 in	n/s	14,947	33.1
Palfinger	PK 135.002 TEC 7	66,200	8400 @ 72 ft 2 in	n/s	72 ft 2 in	n/s	22,420	33.1
Palfinger	PK 1050 TEC	66,200	7000 @ 73 ft 6 in	n/s	73 ft 6 in	n/s	16,490	33.1
Palfinger	PK 165.002 TEC 7	70,600	2450 @ 68 ft 10 in	n/s	68 ft 10 in	n/s	70,600	35.3
Effer	1750	63,380	14 ft 2 in	76 ft 8 in	64 ft 8 in	104 in	26,565	37.2
Effer	2655	60,185	15 ft 0 in	104 ft 11 in	90 ft 0 in	108 in	37,367	37.6
Effer	1855	65,035	14 ft 2 in	84 ft 2 in	72 ft 2 in	104 in	26,715	38.2
Effer	2055	71,205	13 ft 2 in	84 ft 2 in	71 ft 5 in	106 in	28,395	38.9
Effer	2255	66,135	14 ft 5 in	98 ft 5 in	141 ft 10 in	111 in	39,903	39.7
Palfinger	PK 200002L-SH	88,200	8700 @ 83 ft 12 in	n/s	83 ft 12 in	n/s	33,686	44.1
Effer	2755	108,025	9 ft 11 in	45 ft 11 in	36 ft 10 in	83 in	56,980	54.1

INDUSTRIAL CRANES BY MANUFACTURER

Manufacturer	Model	Load at Max Radius (mt@m) or (lbs@ft)	Max Hook Height (m) or (ft)	Boom Length Minimum/Max (m/m) or (ft/in)	Max Travel Speed (mph) or (km/h)	Normal Travel Weight (t) or (lbs)	Width (m/m) or (ft/ in)	Power Source (E/D/LPG)	Tipping Load (%)	Max Lift Capacity (metric tons)	Max Lift Capacity (US tons)
Bailey Cranes	Junior	700 lbs @ 11 ft	19 ft	11 ft	1.75	4300	34.5 in	Battery	75	0.88	0.97
Bailey Cranes	Brandon 6E	1,000 lbs @ 12 ft	19 ft	12 ft	1.75	5500	34.5 in	Battery	75	0.88	0.97
Bailey Cranes	OMNI	500 lbs @ 14 ft	22 ft	14 ft	1.75	5800	4 ft 10 in	Battery	75	1.13	1.25
Bailey Cranes	Brandon 6	1,000 lbs @ 12 ft	19 ft	12 ft	1.75	5500	34.5 in	Battery	75	1.36	1.5
Bailey Cranes	Brandon 10	1,000 lb @ 20 ft	29 ft	20 ft	5	10500	5 ft	Battery	75	4.5	5
Bailey Cranes	BC 18	1,950 lbs @ 30 ft	46 ft	34 ft	5	20000	6 ft 6 in	Battery/Hybrid	75	8.16	9
Broderson	IC-20	1,200 lbs @ 15 ft	27 ft 9 in	6 ft /15 ft	5.5 mph	6,380 lbs	4 ft	D/Dual Fuel	75	2.27	2.5
Broderson	IC-35	1,850 lbs @ 19 ft	33 ft	7 ft 2in - 19 ft 2in	10 mph	7,860 lbs	5 ft	D/Dual Fuel	75	3.6	4
Broderson	IC-40	1,850 lbs @ 19 ft	33 ft	7 ft 2in - 19 ft 2in	10 mph	8,920 lbs	5 ft 4 in	D/Dual Fuel	75	4.08	4.5
Broderson	IC-80-1	3,800 lbs @ 20 ft	37 ft 5 in	8 ft 2 in - 20 ft 2in	22 mph	16,200 lbs	6 ft 6 in	D/Dual Fuel	75	8.16	9
Broderson	IC-80-2	3,100 lbs @ 24 ft	41 ft	9 ft 5 in - 24 ft	22 mph	16,400 lbs	6 ft 6 in	D/Dual Fuel	75	8.16	9
Broderson	IC-80-3	2,150 lbs@30 ft	45 ft 8 in	11 ft 6 in - 30 ft	22 mph	16,750 lbs	6 ft 6 in	D/Dual Fuel	75	8.16	9
Broderson	ICe-80	2,150 lbs@30 ft	46 ft 8 in	11 ft 6 in - 30 ft	17 mph	16,400 lbs	6 ft 6 in	Electric	75	8.16	9
Broderson	IC-100-3	1,900 lbs@33 ft	49 ft 3 in	13 ft 3 in - 33 ft	22 mph	18,270 lbs	6 ft 6 in	D/Dual Fuel	75	9	10
Broderson	IC-200-2	4,200 lbs @ 36 ft	45 ft 4 in	15 ft 2 in - 36 ft 2 in	18 mph	28,500 lbs	7 ft 10-1/2 in	D/Dual Fuel	75	13.6	15
Broderson	IC-200-3	2,600 lbs @ 50 ft	58 ft 8 in	15 ft 6 in - 50 ft 6 in	18 mph	31,080 lbs	7 ft 10-1/2 in	D/Dual Fuel	75	13.6	15
Broderson	IC-250	3,650 lbs @ 50 ft	87 ft 11 in	15 ft 7 in - 50 ft 1 in	18 mph	37,700 lbs	7 ft 10 in	D/LPG	75	16.3	18
Broderson	IC-280	1,200 lbs. @ 79 ft	89 ft. 9 in.	18 ft 11 in - 64 ft 4 in	19 mph	41,430 lbs	7 ft 10 in	Diesel	75	18.14	20
Broderson	IC-400	1,500 lbs @ 88 ft	99 ft	22 ft 9 in - 69 ft	23 mph	55,200 lbs	8 ft 5 1/4 in	Diesel	75	22.7	25
Franna	AT 15-3	33,000	55.7	59	49	35,300		D		15	17
Franna	AT 22	48,500	45 ft 5 in	59	49	44,100		D		22	24
Franna	MAC 25-4	55,100	60 ft 5 in	60	49	52,700		D		25	27
Franna	AT 40	88,100	65 ft	65	46	65,100		D		40	44
Jekko	SPX328	220 lbs @ 34 ft	42 ft	8 to 27 ft	1.2 to 2.9	5070 lbs	2 ft 1 in	E	125	2.8	3
Jekko	SPX532	220 lbs @ 48 ft	57 ft	8 to 34 ft	1.7	5556 lbs	2 ft 6 in	D+E / E	125	3.2	3.5
Jekko	SPX650	330 lbs @ 65 ft	77 ft	13 to 50 ft	1.8	14,107 lbs	3 ft 4 in	D+E / E	125	5	7.1
Jekko	SPX1280	220 lbs @ 66 ft	88 ft	16 to 58 ft	1.7	20629 lbs	4 ft 8.4 in	D+E / E	125	8	8.8
Jekko	JF235	518 @ 746"	83 ft	N/A	N/A	22622 lbs	4 ft 5 in	D+E	125	6.1	6.78
Jekko	JF365	520 @ 8707"	96 ft	49.3 ft	1.5	29073 lbs	5 ft 10.8 in	D+E	125	11.5	12.6
Jekko	JF545	992 @ 9805"	100 ft	53.3 ft	1.3	32510 lbs	6 ft	D+E	125	15.5	17.0
Jekko	JF990	1796 @ 10406"	113 ft	65.6 ft	1.4	49214 lbs	7 ft	D+E	125	21.5	23.6
Jekko	MPK06	364 lbs @ 7 ft	14 ft	3 to 9 ft	2.2	1563 lbs	2 ft 6 in	E	125	0.6	0.66
Jekko	MPK10	617 lbs @ 7.5 ft	16 ft	5 to 11 ft	2.3	2304 lbs	3 ft 1 in	E	125	1	1.1
Jekko	MPK20R	309 lbs @ 16ft	24 ft	7 to 20 ft	N/A	4303 lbs	17 ft 7 in	E	125	2	2.2
Jekko	MPK50	1320 lbs @ 20.5 ft	31 ft	9 to 22 ft	6.4	9790 lbs	10 ft 8 in	E	125	5	5.5
JMG	MC20	550 lbs @ 12in 11 ft	20 ft	10ft /12in 11ft	2.5	4400	3in 1 ft	E	n/s	2	2.2
JMG	MC20	550 lbs @ 12in 11ft	20 ft	10ft /12in 11ft	2.5	4400	3in 1ft	E	n/s	2	2.2
JMG	MC22	550 lbs @ 12in 11 ft	20 ft	10ft /12in 11ft	3	4500	3in 1 ft	E	n/s	2.18	2.4
JMG	MC22	550 lbs @ 12in 11ft	20 ft	10ft /12in 11ft	3	4500	3in 1 ft	E	n/s	2.18	2.4
JMG	MC20S	600 lbs @ 12in 11 ft	20 ft	10ft /12in 11ft	2.5	5500	3in 1 ft	E	n/s	2.5	2.75
JMG	MC25	600 lbs @ 12in 11 ft	20 ft	10ft /12in 11ft	3	5500	3in 1 ft	E	n/s	2.5	2.75
JMG	MC20S	600 lbs @ 12in 11ft	20 ft	10ft /12in 11ft	2.5	5500	3in 1ft	E	n/s	2.5	2.75
JMG	MC25	600 lbs @ 12in 11ft	20 ft	10ft /12in 11ft	3	5500	3in 1ft	E	n/s	2.5	2.75
JMG	MC32	1030 lbs @ 13in 1 ft	22 ft	11ft /13in 1ft	3	6750	3in 2 ft	E	n/s	3.18	3.5
JMG	MC32	1030 lbs @ 13in 1ft	22 ft	11ft /13in 1ft	3	6750	3in 2ft	E	n/s	3.18	3.5
JMG	MC40S	1750 lbs @ 14in 5 ft	23 ft	8ft /14in 5ft	3	10560	3in 11ft	E	n/s	4.5	4.95
JMG	MC45	1750 lbs @ 13in 11 ft	23 ft	8ft /13in 11ft	5	10500	5in 1 ft	E	n/s	4.5	4.95
JMG	MC40S	1750 lbs @ 14in 5ft	23 ft	8ft /14in 5ft	3	10560	3in 11ft	E	n/s	4.5	4.95
JMG	MC45	1750 lbs @ 13in 11ft	23 ft	8ft /13in 11ft	5	10500	5in 1ft	E	n/s	4.5	4.95
JMG	MC60	2100 lbs @ 18in 1ft	28 ft	1in 8ft /18in 1ft	5	14300	5in 5 ft	E	n/s	6	6.6
JMG	MC60	2100 lbs @ 18in 1ft	28 ft	1in 8ft /18in 1ft	5	14300	5in 5ft	E	n/s	6	6.6
JMG	MC85	3600 lbs @ 15in 8ft	26 ft	1in 8ft /15in 8ft	5	20000	5in 7 ft	E/D	n/s	8.5	9.35
JMG	MC85	3600 lbs @ 15in 8ft	26 ft	1in 8ft /15in 8ft	5	20000	5in 7ft	E/D	n/s	8.5	9.35
JMG	MC110	4400 lbs @ 23in 6ft	35 ft	3in 3ft /23in 6ft	5	29650	6in 5 ft	E/D	n/s	11	12.1
JMG	MC110	4400 lbs @ 23in 6ft	35 ft	3in 3ft /23in 6ft	5	29650	6in 5ft	E/D	n/s	11	12.1
JMG	MC160	6200 lbs @ 24in 7ft	36 ft	3in 3ft /24in 7ft	5	41000	6in 9 ft	E	n/s	16.04	17.65
JMG	MC160	6200 lbs @ 24in 7ft	36 ft	3in 3ft /24in 7ft	5	41000	6in 9ft	E	n/s	16.04	17.65
JMG	MC220	8200 lbs @ 25in 3ft	38 ft	3in 3ft /25in 3ft	5	50400	7in 3 ft	E	n/s	22.04	24.25

INDUSTRIAL CRANES BY MANUFACTURER

Manufacturer	Model	Load at Max Radius (mt@m) or (lbs@ft)	Max Hook Height (m) or (ft)	Boom Length Minimum/Max (m/m) or (ft/in)	Max Travel Speed (mph) or (km/h)	Normal Travel Weight (t) or (lbs)	Width (m/m) or (ft/ in)	Power Source (E/D/LPG)	Tipping Load (%)	Max Lift Capacity (metric tons)	Max Lift Capacity (US tons)
JMG	MC220	8200 lbs @ 25in 3ft	38 ft	3in 3ft /25in 3ft	5	50400	7in 3ft	E	n/s	22.04	24.25
JMG	MC300	10100 lbs @ 27in 8ft	42 ft	3in 3ft /27in 8ft	5	59800	7in 5 ft	E	n/s	30	33
JMG	MC300	10100 lbs @ 27in 8ft	42 ft	3in 3ft /27in 8ft	5	59800	7in 5ft	E	n/s	30	33
JMG	MC450	13900 lbs @ 27in 11ft	40 ft	3in 3ft /27in 11ft	5	70500	7in 6 ft	E	n/s	45.09	49.6
JMG	MC450	13900 lbs @ 27in 11ft	40 ft	3in 3ft /27in 11ft	5	70500	7in 6ft	E	n/s	45.09	49.6
JMG	MC500	14300 lbs @ 30in 5ft	45 ft	3in 3ft /30in 5ft	3	83600	7in 10f t	E	n/s	50.09	55.1
JMG	MC500	14300 lbs @ 30in 5ft	45 ft	3in 3ft /30in 5ft	3	83600	7in 10ft	E	n/s	50.09	55.1
JMG	MC600	15400 lbs @ 30in 5ft	45 ft	3in 3ft /30in 5ft	3	85800	7in 10 ft	E	n/s	60	66
JMG	MC600	15400 lbs @ 30in 5ft	45 ft	3in 3ft /30in 5ft	3	85800	7in 10ft	E	n/s	60	66
Lift Systems	MBL033	20.800 lbs @ 20.5 ft	33 ft	15-30 ft	1.7	36000	6 ft0 in	D/LPG	0.85	30	33
Lift Systems	MBL033	20.800 lbs @ 20.5 ft	33 ft	15-30 ft	1.7	36000	6 ft0 in	D/LPG	0.85	30	33
Lift Systems	TWL040	24.100 lbs @ 19 ft	30.5 ft	13-29 ft	1.7	32000	7 ft 3 in	D/LPG	0.85	36	40
Lift Systems	TWL040	24.100 lbs @ 19 ft	30.5 ft	13-29 ft	1.7	32000	7 ft3 in	D/LPG	0.85	36	40
Lift Systems	MBL075	18.800 lbs @ 35 ft	44 ft	20-44 ft	1.7	49000	7 ft 11 in	D/LPG	0.85	68	75
Lift Systems	TWL075	30.200 lbs @ 22.5 ft	37.5 ft	16.5-36.5 ft	1.7	48000	7 ft 10 in	D/LPG	0.85	68	75
Lift Systems	MBL075	18.800 lbs @ 35 ft	44 ft	20-44 ft	1.7	49000	7 ft11 in	D/LPG	0.85	68	75
Lift Systems	TWL075	30.200 lbs @ 22.5 ft	37.5 ft	16.5-36.5 ft	1.7	48000	7 ft10 in	D/LPG	0.85	68	75
Lift Systems	MBL110	29.200 lbs @ 35 ft	44 ft	21-45 ft	1.7	70000	8 ft6 in	D/LPG	0.85	100	110
Lift Systems	TWL110	38.900 lbs @ 24.5 ft	39 ft	16.5-36.5 ft	1.7	70000	8 ft 6 in	D/LPG	0.85	100	110
Lift Systems	MBL110	29.200 lbs @ 35 ft	44 ft	21-45 ft	1.7	70000	8 ft6 in	D/LPG	0.85	100	110
Lift Systems	TWL110	38.900 lbs @ 24.5 ft	39 ft	16.5-36.5 ft	1.7	70000	8 ft6 in	D/LPG	0.85	100	110
Maeda	MC090-3	330 lbs @ 26 ft 10 in	31 ft 10 in	8 ft 3 in-28 ft 1 in	1.37	4390	30 in	D/E/Battery	85	0.9	0.995
Maeda	MC270-3	330 lbs @ 26 ft 10 in	31 ft 10 in	8 ft 3 in-28 ft 1 in	1.37	4390	30 in	D/E/Battery	85	2.7	2.95
Maeda	MC285-2	330 lbs @ 26 ft 10 in	31 ft 10 in	8 ft 3 in-28 ft 1 in	1.36	4200	30 in	LPG/Gas	85	2.82	3.1
Maeda	MC285-3	330 lbs @ 26 ft 10 in	31 ft 10 in	8 ft 3 in-28 ft 1 in	1.37	4390	30 in	D/E/Battery	85	2.82	3.1
Maeda	MC305-3	570 lbs @ 39 ft 6 in	47 ft 0 in	12 ft 1 in-41 ft 0 in	1.74	8600	51 in	D/E	85	2.98	3.28
Maeda	MC405-3	500 lbs @ 52 ft 5 in	67 ft 11 in	15 ft 6 in-54 ft 0 in	2.05	12400	55 in	D/E	85	3.84	4.24
Maeda	CC1485-1	940 lbs @ 52 ft 10 in	72 ft 2 in	15 ft 6 in-53 ft 4 in	1.99	31750	8 ft2 in	D	75	6	6.61
Manitex Valla	19	880 lbs @ 10 ft	15 ft	83	2.5	4400 lbs	37 in	Battery	125	.9 t	1
Manitex Valla	25 EL	880 lbs @ 10 ft	15 ft	83	2.5	4400 lbs	37 in	Battery	125	2.25	2.5
Manitex Valla	25 E	1100 lbs @ 10 ft	15 ft	83	2.5	5300 lbs	37 in	Battery	125	2.5	2.75
Manitex Valla	V40R	990 lbs @ 16 ft	24 ft	90	3.2	8,800 lbs	39 in	Battery	125	4	4.4
Manitex Valla	50	1760 lbs @ 16 ft	25 ft	106	5.6	12120 lbs	55 in	Battery/Diesel	125	5	5.5
Manitex Valla	75	1980 lbs @ 17 ft	26 ft	133	5.6	13450 lbs	68 in	Battery/Diesel	125	7.5	8.25
Manitex Valla	V90R	2200 lbs @ 18 ft	30.8 ft	n/s	5.6	16940 lbs	55 in	Battery	125	8	8.8
Manitex Valla	V120R	4180 lbs @ 21 ft	34 ft	n/s	5.6	24,000 lbs	58 in	Battery	125	11	12
Manitex Valla	120	3970 lbs @ 25 ft	33 ft	159	5.6	30,850	82 in	Battery/Diesel	125	12	13.2
Manitex Valla	180	6600 lbs @ 24 ft	35 ft	176	5	41,850	86 in	Battery/Diesel	125	18	19.8
Manitex Valla	V230R	7920 lbs @ 26 ft	38 ft	n/s	5	51700 lbs	78 in	Battery	125	21	23
Manitex Valla	250	4180 lbs @ 33 ft	45 ft	191	5	53,350	90 in	Battery Diesel	125	25	27.5
Manitex Valla	400	18070 lbs @ 24 ft	36 ft	223	5	70,550	92 in	Battery	125	40	44
Manitex Valla	V1100R	30800 lbs @ 37 ft	55 ft	n/s	5	n/a	95 in	Battery	125	100	110
Ormig	15IE	5070lbs @ 23ft	36ft	14-35ft	2.2	28660	6 ft	E	n/s	15	16.53
Ormig	16TME	5291lbs @ 22ft	34 ft	15-35ft	7.57	31746	7 ft 6 in	E	n/s	16	17.64
Ormig	25TME	9259lbs @ 25ft	40ft	17-40ft	6.42	45194	8 ft 2 in	E	n/s	25	27.56
Ormig	30IEK	10362lbs @ 24ft	40ft	15.4-36.5ft	3.7	37260	6ft 6 in	E	n/s	30	33.07
Ormig	35IE	11023lbs @ 26ft	40 ft	16.5-40ft	3.9	40785	6 ft 10 in	E	n/s	35	38.58
Ormig	40IE	13227lbs @ 28ft	42 ft	19-43ft	4	46517	7 ft 2 in	E	n/s	40	44
Ormig	50/55TM	19621 lbs @ 29 ft	46 ft	20-47ft	16.59	63934	9 ft	D	n/s	50/55	60.63
Ormig	55/60IE	19180 lbs @ 28 ft	42 ft	19-43ft	3.9	52910	7 ft7in	E	n/s	60	66.1
Ormig	100IE	23810 lbs @ 29 ft	44 ft	19-46ft	2.8	58423	8 ft 0.5in	E	n/s	100	110.2
Shuttlelift	SCD15	1.140 lbs @ 61.5 ft	69.5 ft	17/ 50 ft	16	25200	7 ft 10 in	D & LPG/Gas	n/s	13.6	15
Shuttlelift	SCD20	800 lbs @ 76 ft	86 ft	18.5/54.5 ft	21	36600	8 ft 1 in	D & LPG/Gas	n/s	18.1	20
Shuttlelift	SCD25	1.440 lbs @ 84 ft	95 ft	23/70.5 ft	19.4	45700	8 ft 1 in	D	n/s	22.7	25
Shuttlelift	SCD09	1.080 lbs @ 42 ft	48 ft	14.2/33.2 ft	19.2	16900	6 ft 6 in	D & LPG/Gas	n/s	8.1	9
SPYDERCRANE	PC094	440 lbs @ 17.37 ft	22 ft	5.675 ft - 22 ft	2.5	2100	31 in	220V/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW094	440 lbs @ 16.96 ft	22 ft	5.675 ft - 22 ft	1.5	2500	23 in	220V/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW095	350 lbs @ 27.59 ft	37 ft w/ jib	8.3 ft - 28.4 ft	1.5	4,200 - 4,600	24 in	220V/D/G/LPG/110V/Battery	n/s	0.9	1

INDUSTRIAL CRANES BY MANUFACTURER

Manufacturer	Model	Load at Max Radius (mt@m) or (lbs@ft)	Max Hook Height (m) or (ft)	Boom Length Minimum/Max (m/m) or (ft/in)	Max Travel Speed (mph) or (km/h)	Normal Travel Weight (t) or (lbs)	Width (m/m) or (ft/ in)	Power Source (E/D/LPG)	Tipping Load (%)	Max Lift Capacity (metric tons)	Max Lift Capacity (US tons)
SPYDERCRANE	URW205S	460 lbs @ 24.1 ft	27 ft	8.3 ft - 24.9 ft	1.5	4,100 - 4,500	24 in	220V/D/G/LPG/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW306	280 lbs @ 47.3 ft	52 ft	11.5 ft - 48 ft	2.5	8,500 - 8,900	52 in	220V/D/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW506	390 lbs @ 49.9	55 ft	13.1 ft - 49.9 ft	2.5	11,000 - 11,400	54 in	220V/D/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW295	350 lbs @ 27.59 ft	37 ft w/ jib	8.3 ft - 28.4 ft	1.5	4,200 - 4,600	24 in	220V/D/G/LPG/110V/Battery	n/s	2.9	3.2
SPYDERCRANE	URW376	280 lbs @ 47.3 ft	58 ft w/ jib	11.5 ft - 48 ft	2.5	8,500 - 8,900	52 in	220V/D/110V/Battery	n/s	2.93	3.3
SPYDERCRANE	URW547	220 lbs @ 58.5	64 ft	13.1 ft - 59.1 ft	2.5	11,000 - 11,400	54 in	220V/D/110V/Battery	n/s	4.04	4.5
SPYDERCRANE	URW706	550 lbs @ 61 ft	80 ft w/ jib	15.7 ft - 63 ft	2.5	17,600 - 18,000	64 in	220V/D/110V/Battery	n/s	6.04	6.7
SPYDERCRANE	PC295	418 lbs @ 18.8 ft	24 ft	8.3 ft - 28.4 ft	1.5	4,000	31 in	220V/110V/Battery	n/s	2.3	2.6
SPYDERCRANE	PC094	450 lbs @ 13 ft	18 ft	5.8 ft - 18 ft	1.5	2,900	31 in	220V/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW094	440 lbs @ 16.96 ft	22 ft	5.675 ft - 22 ft	1.5	2,500	23 in	220V/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW095	350 lbs @ 27.59 ft	37 ft w/ jib	8.3 ft - 28.4 ft	1.5	4,200 - 4,800	24 in	220V/D/G/LPG/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW205	460 lbs @ 24.1 ft	37 ft	8.3 ft - 28.4 ft	1.5	4,200 - 4,800	24 in	220V/D/G/LPG/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW306	280 lbs @ 47.3 ft	52 ft	11.5 ft - 48 ft	2.5	8,500 - 8,900	52 in	220V/D/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW506	390 lbs @ 49.9	55 ft	13.1 ft - 49.9 ft	2.5	11,000 - 11,400	54 in	220V/D/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW295	350 lbs @ 27.59 ft	37 ft w/ jib	8.3 ft - 28.4 ft	1.5	4,200 - 4,800	24 in	220V/D/G/LPG/110V/Battery	n/s	2.9	3.2
SPYDERCRANE	URW376	280 lbs @ 47.3 ft	58 ft w/ jib	11.5 ft - 48 ft	2.5	8,500 - 8,900	52 in	220V/D/110V/Battery	n/s	2.93	3.3
SPYDERCRANE	URW547	220 lbs @ 58.5	64 ft	13.1 ft - 59.1 ft	2.5	11,000 - 11,400	54 in	220V/D/110V/Battery	n/s	4.04	4.5
SPYDERCRANE	URW706	550 lbs @ 61 ft	80 ft w/ jib	15.7 ft - 63 ft	2.5	17,600 - 18,300	64 in	220V/D/110V/Battery	n/s	6.04	6.7
SPYDERCRANE	URW1006	630 lbs @ 72 ft	104 ft w/ jib	19 ft - 76 ft	2	29,500-30,865	79 in	220V/D/110V/Battery	n/s	10.14	11.2
Terex Franna	AT 15-3	33000	55.7	59	49	35300		D		15	17
Terex Franna	AT 22	48500	45 ft 5 in	59	49	44100		D		22	24
Terex Franna	MAC 25-4	55100	60 ft 5 in	60	49	52700		D		25	27
Terex Franna	AT 40	88100	65 ft	65	46	65100		D		40	44
UPequip/Hoeflon	C1	305lbs @ 13 ft	16 ft	5 ft/13 ft	1.88	1500	29.5 in	Battery	125	0.7	0.7
UPequip/Hoeflon	C4	317lbs @ 42 ft	46 ft	8 ft/ 42 ft	1.88	4730	29.5 in	D/E	125	2.4	2.6
UPequip/Hoeflon	C6	465lbs @ 45 ft	52 ft	8 ft-4 in/ 46 ft	1.88	6170	29.5 in	D/E /Battery	125	3.1	3.5
UPequip/Hoeflon	C10	460 lbs @ 65 ft	72 ft	12 ft 5 in/66 ft	1.88	10358	31.5 in	D/E	125	5.2	4.5
UPequip/Hoeflon	C30	885 lbs @ 65 ft	72 ft	12 ft 5 in/66 ft	1.25	19800	48 in	Battery	125	9.9	4.5

INDUSTRIAL CRANES BY CAPACITY

Manufacturer	Model	Load at Max Radius (mt@m) or (lbs@ft)	Max Hook Height (m) or (ft)	Boom Length Minimum/Max (m/m) or (ft/in)	Max Travel Speed (mph) or (km/h)	Normal Travel Weight (t) or (lbs)	Width (m/m) or (ft/ in)	Power Source (E/D/LPG)	Tipping Load (%)	Max Lift Capacity (metric tons)	Max Lift Capacity (US tons)
Jekko	MPK06	364 lbs @ 7 ft	14 ft	3 to 9 ft	2.2	1563 lbs	2 ft 6 in	E	125	0.6	0.66
UPequip/Hoeflon	C1	305lbs @ 13 ft	16 ft	5 ft/13 ft	1.88	1500	29.5 in	Battery	125	0.7	0.7
Bailey Cranes	Junior	700 lbs @ 11 ft	19 ft	11 ft	1.75	4300	34.5 in	Battery	75	0.88	0.97
Bailey Cranes	Brandon 6E	1,000 lbs @ 12 ft	19 ft	12 ft	1.75	5500	34.5 in	Battery	75	0.88	0.97
Maeda	MC090-3	330 lbs @ 26 ft 10 in	31 ft 10 in	8 ft 3 in-28 ft 1 in	1.37	4390	30 in	D/E/Battery	85	0.9	0.995
Manitex Valla	19	880 lbs @ 10 ft	15 ft	83	2.5	4400 lbs	37 in	Battery	125	.9 t	1
SPYDERCRANE	PC094	440 lbs @ 17.37 ft	22 ft	5.675 ft - 22 ft	2.5	2100	31 in	220V/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW094	440 lbs @ 16.96 ft	22 ft	5.675 ft - 22 ft	1.5	2500	23 in	220V/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW095	350 lbs @ 27.59 ft	37 ft w/ jib	8.3 ft - 28.4 ft	1.5	4,200 - 4,600	24 in	220V/D/G/LPG/110V/Battery	n/s	0.9	1
SPYDERCRANE	PC094	450 lbs @ 13 ft	18 ft	5.8 ft - 18 ft	1.5	2,900	31 in	220V/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW094	440 lbs @ 16.96 ft	22 ft	5.675 ft - 22 ft	1.5	2,500	23 in	220V/110V/Battery	n/s	0.9	1
SPYDERCRANE	URW095	350 lbs @ 27.59 ft	37 ft w/ jib	8.3 ft - 28.4 ft	1.5	4,200 - 4,800	24 in	220V/D/G/LPG/110V/Battery	n/s	0.9	1
Jekko	MPK10	617 lbs @ 7.5 ft	16 ft	5 to 11 ft	2.3	2304 lbs	3 ft 1 in	E	125	1	1.1
Bailey Cranes	OMNI	500 lbs @ 14 ft	22 ft	14 ft	1.75	5800	4 ft 10 in	Battery	75	1.13	1.25
Bailey Cranes	Brandon 6	1,000 lbs @ 12 ft	19 ft	12 ft	1.75	5500	34.5 in	Battery	75	1.36	1.5
Jekko	MPK20R	309 lbs @ 16ft	24 ft	7 to 20 ft	N/A	4303 lbs	17 ft 7 in	E	125	2	2.2
JMG	MC20	550 lbs @ 12in 11 ft	20 ft	10ft /12in 11ft	2.5	4400	3in 1 ft	E	n/s	2	2.2
JMG	MC20	550 lbs @ 12in 11ft	20 ft	10ft /12in 11ft	2.5	4400	3in 1 ft	E	n/s	2	2.2
JMG	MC22	550 lbs @ 12in 11 ft	20 ft	10ft /12in 11ft	3	4500	3in 1 ft	E	n/s	2.18	2.4
JMG	MC22	550 lbs @ 12in 11ft	20 ft	10ft /12in 11ft	3	4500	3in 1 ft	E	n/s	2.18	2.4
Broderson	IC-20	1,200 lbs @ 15 ft	27 ft 9 in	6 ft /15 ft	5.5 mph	6,380 lbs	4 ft	D/Dual Fuel	75	2.27	2.5
Manitex Valla	25 EL	880 lbs @ 10 ft	15 ft	83	2.5	4400 lbs	37 in	Battery	125	2.25	2.5
SPYDERCRANE	PC295	418 lbs @ 18.8 ft	24 ft	8.3 ft - 28.4 ft	1.5	4,000	31 in	220V/110V/Battery	n/s	2.3	2.6

INDUSTRIAL CRANES BY CAPACITY

Manufacturer	Model	Load at Max Radius (mt@m) or (lbs@ft)	Max Hook Height (m) or (ft)	Boom Length Minimum/Max (m/m) or (ft/in)	Max Travel Speed (mph) or (km/h)	Normal Travel Weight (t) or (lbs)	Width (m/m) or (ft/ in)	Power Source (E/D/LPG)	Tipping Load (%)	Max Lift Capacity (metric tons)	Max Lift Capacity (US tons)
UPequip/Hoeflon	C4	317lbs @ 42 ft	46 ft	8 ft/ 42 ft	1.88	4730	29.5 in	D/E	125	2.4	2.6
JMG	MC20S	600 lbs @ 12in 11 ft	20 ft	10ft /12in 11ft	2.5	5500	3in 1 ft	E	n/s	2.5	2.75
JMG	MC25	600 lbs @ 12in 11 ft	20 ft	10ft /12in 11ft	3	5500	3in 1 ft	E	n/s	2.5	2.75
JMG	MC20S	600 lbs @ 12in 11ft	20 ft	10ft /12in 11ft	2.5	5500	3in 1ft	E	n/s	2.5	2.75
JMG	MC25	600 lbs @ 12in 11ft	20 ft	10ft /12in 11ft	3	5500	3in 1ft	E	n/s	2.5	2.75
Manitex Valla	25 E	1100 lbs @ 10 ft	15 ft	83	2.5	5300 lbs	37 in	Battery	125	2.5	2.75
SPYDERCRANE	URW205S	460 lbs @ 24.1 ft	27 ft	8.3 ft - 24.9 ft	1.5	4,100 - 4,500	24 in	220V/D/G/LPG/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW306	280 lbs @ 47.3 ft	52 ft	11.5 ft - 48 ft	2.5	8,500 - 8,900	52 in	220V/D/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW506	390 lbs @ 49.9	55 ft	13.1 ft - 49.9 ft	2.5	11,000 - 11,400	54 in	220V/D/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW205	460 lbs @ 24.1 ft	37 ft	8.3 ft - 28.4 ft	1.5	4,200 - 4,800	24 in	220V/D/G/LPG/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW306	280 lbs @ 47.3 ft	52 ft	11.5 ft - 48 ft	2.5	8,500 - 8,900	52 in	220V/D/110V/Battery	n/s	2.6	2.9
SPYDERCRANE	URW506	390 lbs @ 49.9	55 ft	13.1 ft - 49.9 ft	2.5	11,000 - 11,400	54 in	220V/D/110V/Battery	n/s	2.6	2.9
Maeda	MC270-3	330 lbs @ 26 ft 10 in	31 ft 10 in	8 ft 3 in-28 ft 1 in	1.37	4390	30 in	D/E/Battery	85	2.7	2.95
Jekko	SPX328	220 lbs @ 34 ft	42 ft	8 to 27 ft	1.2 to 2.9	5070 lbs	2 ft 1 in	E	125	2.8	3
Maeda	MC285-2	330 lbs @ 26 ft 10 in	31 ft 10 in	8 ft 3 in-28 ft 1 in	1.36	4200	30 in	LPG/Gas	85	2.82	3.1
Maeda	MC285-3	330 lbs @ 26 ft 10 in	31 ft 10 in	8 ft 3 in-28 ft 1 in	1.37	4390	30 in	D/E/Battery	85	2.82	3.1
SPYDERCRANE	URW295	350 lbs @ 27.59 ft	37 ft w/ jib	8.3 ft - 28.4 ft	1.5	4,200 - 4,600	24 in	220V/D/G/LPG/110V/Battery	n/s	2.9	3.2
SPYDERCRANE	URW295	350 lbs @ 27.59 ft	37 ft w/ jib	8.3 ft - 28.4 ft	1.5	4,200 - 4,800	24 in	220V/D/G/LPG/110V/Battery	n/s	2.9	3.2
Maeda	MC305-3	570 lbs @ 39 ft 6 in	47 ft 0 in	12 ft 1 in-41 ft 0 in	1.74	8600	51 in	D/E	85	2.98	3.28
SPYDERCRANE	URW376	280 lbs @ 47.3 ft	58 ft w/ jib	11.5 ft - 48 ft	2.5	8,500 - 8,900	52 in	220V/D/110V/Battery	n/s	2.93	3.3
SPYDERCRANE	URW376	280 lbs @ 47.3 ft	58 ft w/ jib	11.5 ft - 48 ft	2.5	8,500 - 8,900	52 in	220V/D/110V/Battery	n/s	2.93	3.3
Jekko	SPX532	220 lbs @ 48 ft	57 ft	8 to 34 ft	1.7	5556 lbs	2 ft 6 in	D+E / E	125	3.2	3.5
JMG	MC32	1030 lbs @ 13in 1 ft	22 ft	11ft /13in 1ft	3	6750	3in 2 ft	E	n/s	3.18	3.5
JMG	MC32	1030 lbs @ 13in 1ft	22 ft	11ft /13in 1ft	3	6750	3in 2ft	E	n/s	3.18	3.5
UPequip/Hoeflon	C6	465lbs @ 45 ft	52 ft	8 ft-4 in / 46 ft	1.88	6170	29.5 in	D/E /Battery	125	3.1	3.5
Broderson	IC-35	1,850 lbs @ 19 ft	33 ft	7 ft 2in - 19 ft 2in	10 mph	7,860 lbs	5 ft	D/Dual Fuel	75	3.6	4
Maeda	MC405-3	500 lbs @ 52 ft 5 in	67 ft 11 in	15 ft 6 in-54 ft 0 in	2.05	12400	55 in	D/E	85	3.84	4.24
Manitex Valla	V40R	990 lbs @ 16 ft	24 ft	90	3.2	8,800 lbs	39 in	Battery	125	4	4.4
Broderson	IC-40	1,850 lbs @ 19 ft	33 ft	7 ft 2in - 19 ft 2in	10 mph	8,920 lbs	5 ft 4 in	D/Dual Fuel	75	4.08	4.5
SPYDERCRANE	URW547	220 lbs @ 58.5	64 ft	13.1 ft - 59.1 ft	2.5	11,000 - 11,400	54 in	220V/D/110V/Battery	n/s	4.04	4.5
SPYDERCRANE	URW547	220 lbs @ 58.5	64 ft	13.1 ft - 59.1 ft	2.5	11,000 - 11,400	54 in	220V/D/110V/Battery	n/s	4.04	4.5
UPequip/Hoeflon	C10	460 lbs @ 65 ft	72 ft	12 ft 5 in/66 ft	1.88	10358	31.5 in	D/E	125	5.2	4.5
UPequip/Hoeflon	C30	885 lbs @ 65 ft	72 ft	12 ft 5 in/66 ft	1.25	19800	48 in	Battery	125	9.9	4.5
JMG	MC40S	1750 lbs @ 14in 5 ft	23 ft	8ft /14in 5ft	3	10560	3in 11ft	E	n/s	4.5	4.95
JMG	MC45	1750 lbs @ 13in 11 ft	23 ft	8ft /13in 11ft	5	10500	5in 1 ft	E	n/s	4.5	4.95
JMG	MC40S	1750 lbs @ 14in 5ft	23 ft	8ft /14in 5ft	3	10560	3in 11ft	E	n/s	4.5	4.95
JMG	MC45	1750 lbs @ 13in 11ft	23 ft	8ft /13in 11ft	5	10500	5in 1ft	E	n/s	4.5	4.95
Bailey Cranes	Brandon 10	1,000 lb @ 20 ft	29 ft	20 ft	5	10500	5 ft	Battery	75	4.5	5
Jekko	MPK50	1320 lbs @ 20.5 ft	31 ft	9 to 22 ft	6.4	9790 lbs	10 ft 8 in	E	125	5	5.5
Manitex Valla	50	1760 lbs @ 16 ft	25 ft	106	5.6	12120 lbs	55 in	Battery/Diesel	125	5	5.5
JMG	MC60	2100 lbs @ 18in 1ft	28 ft	1in 8ft /18in 1ft	5	14300	5in 5 ft	E	n/s	6	6.6
JMG	MC60	2100 lbs @ 18in 1ft	28 ft	1in 8ft /18in 1ft	5	14300	5in 5ft	E	n/s	6	6.6
Maeda	CC1485-1	940 lbs @ 52 ft 10 in	72 ft 2 in	15 ft 6 in-53 ft 4 in	1.99	31750	8 ft 2 in	D	75	6	6.61
SPYDERCRANE	URW706	550 lbs @ 61 ft	80 ft w/ jib	15.7 ft - 63 ft	2.5	17,600 - 18,000	64 in	220V/D/110V/Battery	n/s	6.04	6.7
SPYDERCRANE	URW706	550 lbs @ 61 ft	80 ft w/ jib	15.7 ft - 63 ft	2.5	17,600 - 18,300	64 in	220V/D/110V/Battery	n/s	6.04	6.7
Jekko	SPX650	330 lbs @ 65 ft	77 ft	13 to 50 ft	1.8	14,107 lbs	3 ft 4 in	D+E / E	125	5	7.1
Manitex Valla	75	1980 lbs @ 17 ft	26 ft	133	5.6	13450 lbs	68 in	Battery/Diesel	125	7.5	8.25
Jekko	SPX1280	220 lbs @ 66 ft	88 ft	16 to 58 ft	1.7	20629 lbs	4 ft 8.4 in	D+E / E	125	8	8.8
Manitex Valla	V90R	2200 lbs @ 18 ft	30.8 ft	n/s	5.6	16940 lbs	55 in	Battery	125	8	8.8
Bailey Cranes	BC 18	1,950 lbs @ 30 ft	46 ft	34 ft	5	20000	6 ft 6 in	Battery/Hybrid	75	8.16	9
Broderson	IC-80-1	3,800 lbs @ 20 ft	37 ft 5 in	8 ft 2 in - 20 ft 2in	22 mph	16,200 lbs	6 ft 6 in	D/Dual Fuel	75	8.16	9
Broderson	IC-80-2	3,100 lbs @ 24 ft	41 ft	9 ft 5 in - 24 ft	22 mph	16,400 lbs	6 ft 6 in	D/Dual Fuel	75	8.16	9
Broderson	IC-80-3	2,150 lbs @ 30 ft	45 ft 8 in	11 ft 6 in - 30 ft	22 mph	16,750 lbs	6 ft 6 in	D/Dual Fuel	75	8.16	9
Broderson	ICe-80	2,150 lbs @ 30 ft	46 ft 8 in	11 ft 6 in - 30 ft	17 mph	16,400 lbs	6 ft 6 in	Electric	75	8.16	9
Shuttlelift	SCDD9	1,080 lbs @ 42 ft	48 ft	14.2/33.2 ft	19.2	16900	6 ft 6 in	D & LPG/Gas	n/s	8.1	9
JMG	MC85	3600 lbs @ 15in 8ft	26 ft	1in 8ft /15in 8ft	5	20000	5in 7 ft	E/D	n/s	8.5	9.35
JMG	MC85	3600 lbs @ 15in 8ft	26 ft	1in 8ft /15in 8ft	5	20000	5in 7ft	E/D	n/s	8.5	9.35
Broderson	IC-100-3	1,900 lbs @ 33 ft	49 ft 3 in	13 ft 3 in - 33 ft	22 mph	18,270 lbs	6 ft 6 in	D/Dual Fuel	75	9	10

INDUSTRIAL CRANES BY CAPACITY

Manufacturer	Model	Load at Max Radius (mt@m) or (lbs@ft)	Max Hook Height (m) or (ft)	Boom Length Minimum/Max (m/m) or (ft/in)	Max Travel Speed (mph) or (km/h)	Normal Travel Weight (t) or (lbs)	Width (m/m) or (ft/ in)	Power Source (E/D/LPG)	Tipping Load (%)	Max Lift Capacity (metric tons)	Max Lift Capacity (US tons)
SPYDERCRANE	URW1006	630 lbs @ 72 ft	104 ft w/ jib	19 ft - 76 ft	2	29,500-30,865	79 in	220V/D/110V/Battery	n/s	10.14	11.2
Manitex Valla	V120R	4180 lbs @ 21 ft	34 ft	n/s	5.6	24,000 lbs	58 in	Battery	125	11	12
JMG	MC110	4400 lbs @ 23in 6ft	35 ft	3in 3ft /23in 6ft	5	29650	6in 5 ft	E/D	n/s	11	12.1
JMG	MC110	4400 lbs @ 23in 6ft	35 ft	3in 3ft /23in 6ft	5	29650	6in 5ft	E/D	n/s	11	12.1
Manitex Valla	120	3970 lbs @ 25 ft	33 ft	159	5.6	30,850	82 in	Battery/Diesel	125	12	13.2
Broderson	IC-200-2	4,200 lbs @ 36 ft	45 ft 4 in	15 ft 2 in - 36 ft 2 in	18 mph	28,500 lbs	7 ft 10-1/2 in	D/Dual Fuel	75	13.6	15
Broderson	IC-200-3	2,600 lbs @ 50 ft	58 ft 8 in	15 ft 6 in - 50 ft 6 in	18 mph	31,080 lbs	7 ft 10-1/2 in	D/Dual Fuel	75	13.6	15
Shuttlelift	SCD15	1.140 lbs @ 61.5 ft	69.5 ft	17/ 50 ft	16	25200	7 ft 10 in	D & LPG/Gas	n/s	13.6	15
Ornig	15IE	5070lbs @ 23ft	36ft	14-35ft	2.2	28660	6 ft	E	n/s	15	16.53
Franna	AT 15-3	33,000	55.7	59	49	35,300		D		15	17
Terex Franna	AT 15-3	33000	55.7	59	49	35300		D		15	17
Ornig	16TME	5291lbs @ 22ft	34 ft	15-35ft	7.57	31746	7 ft 6 in	E	n/s	16	17.64
JMG	MC160	6200 lbs @ 24in 7ft	36 ft	3in 3ft /24in 7ft	5	41000	6in 9 ft	E	n/s	16.04	17.65
JMG	MC160	6200 lbs @ 24in 7ft	36 ft	3in 3ft /24in 7ft	5	41000	6in 9ft	E	n/s	16.04	17.65
Broderson	IC-250	3,650 lbs @ 50 ft	87 ft 11 in	15 ft 7 in - 50 ft 1 in	18 mph	37,700 lbs	7 ft 10 in	D/LPG	75	16.3	18
Manitex Valla	180	6600 lbs @ 24 ft	35 ft	176	5	41,850	86 in	Battery/Diesel	125	18	19.8
Broderson	IC-280	1,200 lbs. @ 79 ft	89 ft. 9 in.	18 ft 11 in - 64 ft 4 in	19 mph	41,430 lbs	7 ft 10 in	Diesel	75	18.14	20
Shuttlelift	SCD20	800 lbs @ 76 ft	86 ft	18.5/54.5 ft	21	36600	8 ft 1 in	D & LPG/Gas	n/s	18.1	20
Manitex Valla	V230R	7920 lbs @ 26 ft	38 ft	n/s	5	51700 lbs	78 in	Battery	125	21	23
Franna	AT 22	48,500	45 ft 5 in	59	49	44,100		D		22	24
Terex Franna	AT 22	48500	45 ft 5 in	59	49	44100		D		22	24
JMG	MC220	8200 lbs @ 25in 3ft	38 ft	3in 3ft /25in 3ft	5	50400	7in 3 ft	E	n/s	22.04	24.25
JMG	MC220	8200 lbs @ 25in 3ft	38 ft	3in 3ft /25in 3ft	5	50400	7in 3ft	E	n/s	22.04	24.25
Broderson	IC-400	1,500 lbs @ 88 ft	99 ft	22 ft 9 in - 69 ft	23 mph	55,200 lbs	8 ft 5 1/4 in	Diesel	75	22.7	25
Shuttlelift	SCD25	1.440 lbs @ 84 ft	95 ft	23/70.5 ft	19.4	45700	8 ft 1 in	D	n/s	22.7	25
Franna	MAC 25-4	55,100	60 ft 5 in	60	49	52,700		D		25	27
Terex Franna	MAC 25-4	55100	60 ft 5 in	60	49	52700		D		25	27
Manitex Valla	250	4180 lbs @ 33 ft	45 ft	191	5	53,350	90 in	Battery Diesel	125	25	27.5
Ornig	25TME	9259lbs @ 25ft	40ft	17-40ft	6.42	45194	8 ft 2 in	E	n/s	25	27.56
JMG	MC300	10100 lbs @ 27in 8ft	42 ft	3in 3ft /27in 8ft	5	59800	7in 5 ft	E	n/s	30	33
JMG	MC300	10100 lbs @ 27in 8ft	42 ft	3in 3ft /27in 8ft	5	59800	7in 5ft	E	n/s	30	33
Lift Systems	MBL033	20,800 lbs @ 20.5 ft	33 ft	15-30 ft	1.7	36000	6 ft0 in	D/LPG	0.85	30	33
Lift Systems	MBL033	20,800 lbs @ 20.5 ft	33 ft	15-30 ft	1.7	36000	6 ft0 in	D/LPG	0.85	30	33
Ornig	30IEK	10362lbs @ 24ft	40ft	15.4-36.5ft	3.7	37260	6ft 6 in	E	n/s	30	33.07
Ornig	35IE	11023lbs @ 26ft	40 ft	16.5-40ft	3.9	40785	6 ft 10 in	E	n/s	35	38.58
Lift Systems	TWL040	24,100 lbs @ 19 ft	30.5 ft	13-29 ft	1.7	32000	7 ft 3 in	D/LPG	0.85	36	40
Lift Systems	TWL040	24,100 lbs @ 19 ft	30.5 ft	13-29 ft	1.7	32000	7 ft3 in	D/LPG	0.85	36	40
Franna	AT 40	88,100	65 ft	65	46	65,100		D		40	44
Manitex Valla	400	18070 lbs @ 24 ft	36 ft	223	5	70,550	92 in	Battery	125	40	44
Ornig	40IE	13227lbs @ 28ft	42 ft	19-43ft	4	46517	7 ft 2 in	E	n/s	40	44
Terex Franna	AT 40	88100	65 ft	65	46	65100		D		40	44
JMG	MC450	13900 lbs @ 27in 11ft	40 ft	3in 3ft /27in 11ft	5	70500	7in 6 ft	E	n/s	45.09	49.6
JMG	MC450	13900 lbs @ 27in 11ft	40 ft	3in 3ft /27in 11ft	5	70500	7in 6ft	E	n/s	45.09	49.6
JMG	MC500	14300 lbs @ 30in 5ft	45 ft	3in 3ft /30in 5ft	3	83600	7in 10ft	E	n/s	50.09	55.1
JMG	MC500	14300 lbs @ 30in 5ft	45 ft	3in 3ft /30in 5ft	3	83600	7in 10ft	E	n/s	50.09	55.1
Ornig	50/55TM	19621 lbs @ 29 ft	46 ft	20-47ft	16.59	63934	9 ft	D	n/s	50/55	60.63
JMG	MC600	15400 lbs @ 30in 5ft	45 ft	3in 3ft /30in 5ft	3	85800	7in 10 ft	E	n/s	60	66
JMG	MC600	15400 lbs @ 30in 5ft	45 ft	3in 3ft /30in 5ft	3	85800	7in 10ft	E	n/s	60	66
Lift Systems	MBL075	18,800 lbs @ 35 ft	44 ft	20-44 ft	1.7	49000	7 ft 11 in	D/LPG	0.85	68	75
Lift Systems	TWL075	30,200 lbs @ 22.5 ft	37.5 ft	16.5-36.5 ft	1.7	48000	7 ft 10 in	D/LPG	0.85	68	75
Lift Systems	MBL075	18,800 lbs @ 35 ft	44 ft	20-44 ft	1.7	49000	7 ft11 in	D/LPG	0.85	68	75
Lift Systems	TWL075	30,200 lbs @ 22.5 ft	37.5 ft	16.5-36.5 ft	1.7	48000	7 ft10 in	D/LPG	0.85	68	75
Lift Systems	MBL110	29,200 lbs @ 35 ft	44 ft	21-45 ft	1.7	70000	8 ft6 in	D/LPG	0.85	100	110
Lift Systems	TWL110	38,900 lbs @ 24.5 ft	39 ft	16.5-36.5 ft	1.7	70000	8 ft 6 in	D/LPG	0.85	100	110
Lift Systems	MBL110	29,200 lbs @ 35 ft	44 ft	21-45 ft	1.7	70000	8 ft6 in	D/LPG	0.85	100	110
Lift Systems	TWL110	38,900 lbs @ 24.5 ft	39 ft	16.5-36.5 ft	1.7	70000	8 ft6 in	D/LPG	0.85	100	110
Manitex Valla	V1100R	30800 lbs @ 37 ft	55 ft	n/s	5	n/a	95 in	Battery	125	100	110
Ornig	100IE	23810 lbs @ 29 ft	44 ft	19-46ft	2,8	58423	8 ft 0.5in	E	n/s	100	110,2

CRANE GUIDE RUBBER TIRED GANTRY CRANES

INDUSTRIAL CRANES BY CAPACITY

Manufacturer	Model	Load at Max Radius (mt@m) or (lbs@ft)	Max Hook Height (m) or (ft)	Boom Length Minimum/Max (m/m) or (ft/in)	Max Travel Speed (mph) or (km/h)	Normal Travel Weight (t) or (lbs)	Width (m/m) or (ft/ in)	Power Source (E/D/LPG)	Tipping Load (%)	Max Lift Capacity (metric tons)	Max Lift Capacity (US tons)
Jekko	JF365	520 @ 87'07"	96 ft	49.3 ft	1.5	29073 lbs	5 ft 10.8 in	D+E	125	11.5	12.6
Jekko	JF545	992 @ 98'05"	100 ft	53.3 ft	1.3	32510 lbs	6 ft	D+E	125	15.5	17.0
Jekko	JF990	1796 @ 104'06"	113 ft	65.6 ft	1.4	49214 lbs	7 ft	D+E	125	21.5	23.6
Jekko	JF235	518 @ 74'6"	83 ft	N/A	N/A	22622 lbs	4 ft 5 in	D+E	125	6.1	6.78
Ormig	55/60E	19180 lbs @ 28 ft	42 ft	19-43ft	3,9	52910	7 ft 7in	E	n/s	60	66,1

RUBBER TIRED GANTRY CRANES BY MANUFACTURER

Manufacturer	Model	Standard Inside Clear Height/ Hook Height (ft)	Standard Inside Clear Width/ Hook Height (ft)	Number of tires	Remote control capability Y/N	Steering mode	Driving speed (mph)	Capacity (US tons)
Enerpac	Travel Gantry ETL600	20	30 x 15	4	Y	Carrousel	3	67
Mi-Jack Monobeam	MB50	customizable	customizable	4	Y, remote control only	All-wheel	3.5MPH	50
Mi-Jack Translift	MJ 1200R	customizable	customizable	4	Y	Two Wheel	4MPH	50
Mi-Jack Translift	MJ 1200R EH	customizable	customizable	4	Y	Two Wheel	4MPH	50
Mi-Jack Translift	MJ 1400C-RTG	customizable	customizable	16	Y	All-wheel	4.5MPH	45
Mi-Jack Translift	MJ 1400P	customizable	customizable	8 or 16	Y	All-wheel	5MPH	45
Mi-Jack Travelift	MJ 30 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4-5MPH	30
Mi-Jack Travelift	MJ 40 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4-5MPH	40
Mi-Jack Travelift	MJ 50 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4MPH	50
Mi-Jack Travelift	MJ 70 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4 MPH	70
Mi-Jack Travelift	MJ 85 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4 MPH	85
Mi-Jack Travelift	MJ 100 HD	customizable	customizable	4 or 8	Y	Two Wheel, Lead wheel optional	3MPH	100
Mi-Jack Travelift	MJ150 HD	customizable	customizable	8	Y	two corner, four corner optional.	3MPH	150
Mi-Jack Travelift	MJ200HD-300HD	customizable	customizable	various	Y	various	various	200-300
Mi-Jack Travelift	MJ50C	customizable	n/s	4	Y	Two Wheel, Lead wheel optional	4-5MPH	44.1 under spreader
Shuttlelift	SB 30	20 (customizable)	20 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		30
Shuttlelift	DB 30	20 (customizable)	20 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		30
Shuttlelift	SL 35II	18 (customizable)	17 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		35
Shuttlelift	SB 50	25 (customizable)	25 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		50
Shuttlelift	DB 50	25 (customizable)	25 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		50
Shuttlelift	SL 50II	20 (customizable)	20 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		50
Shuttlelift	SB 70	25 (customizable)	30 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		70
Shuttlelift	SL 75II	22 (customizable)	21 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		75
Shuttlelift	SL 85II	25 (customizable)	24 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		85
Shuttlelift	DB 90	30 (customizable)	35 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		90
Shuttlelift	DB 110	30 (customizable)	40 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		110
Shuttlelift	SB 120	35 (customizable)	35 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		120
Shuttlelift	SB 150	40 (customizable)	40 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		150
Shuttlelift	SL 150II	30 (customizable)	28 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		150
Shuttlelift	DB 165	35 (customizable)	40 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		165
Shuttlelift	DB 200	40 (customizable)	50 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		200
Shuttlelift	SL 200II	32 (customizable)	30 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		200
Shuttlelift	SL 250II	32 (customizable)	30 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		250
Shuttlelift	SL 300	34 (customizable)	32 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		300
Shuttlelift	SL 500	40 (customizable)	38 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		500
Shuttlelift	SL 620	45 (customizable)	38 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		620
Shuttlelift	SL 700	45 (customizable)	38 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		700
Shuttlelift	SL 820	50 (customizable)	48 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		820
Shuttlelift	SL 25II	18 (customizable)	17 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		25
Shuttlelift	DB 70	25 (customizable)	35 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		70
Shuttlelift	SL 100II	28 (customizable)	26 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		100
Shuttlelift	SB 100	35 (customizable)	35 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		100
Shuttlelift	SL 400	37 (customizable)	35 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		400
Shuttlelift	SL 1000	55 (customizable)	55 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		1,000
Shuttlelift	SL 1250	55 (customizable)	55 (customizable)	16	Yes	All wheel		1,250

RUBBER TIRED GANTRY CRANES BY CAPACITY

Manufacturer	Model	Standard Inside Clear Height/ Hook Height (ft)	Standard Inside Clear Width/ Hook Height (ft)	Number of tires	Remote control capability	Steering mode	Driving speed (mph)	Capacity (US tons)
					Y/N			
Shuttlelift	SL 25II	18 (customizable)	17 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		25
Mi-Jack Travelift	MJ 30 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4-5MPH	30
Shuttlelift	SB 30	20 (customizable)	20 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		30
Shuttlelift	DB 30	20 (customizable)	20 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		30
Shuttlelift	SL 35II	18 (customizable)	17 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		35
Mi-Jack Travelift	MJ 40 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4-5MPH	40
Mi-Jack Translift	MJ 1400C-RTG	customizable	customizable	16	Y	All-wheel	4.5MPH	45
Mi-Jack Translift	MJ 1400P	customizable	customizable	8 or 16	Y	All-wheel	5MPH	45
Mi-Jack Monobeam	MB50	customizable	customizable	4 Y, remote control only		All-wheel	3.5MPH	50
Mi-Jack Translift	MJ 1200R	customizable	customizable	4	Y	Two Wheel	4MPH	50
Mi-Jack Translift	MJ 1200R EH	customizable	customizable	4	Y	Two Wheel	4MPH	50
Mi-Jack Travelift	MJ 50 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4MPH	50
Shuttlelift	SB 50	25 (customizable)	25 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		50
Shuttlelift	DB 50	25 (customizable)	25 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		50
Shuttlelift	SL 50II	20 (customizable)	20 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		50
Enerpac	Travel Gantry ETL600	20	30 x 15	4	Y	Carrousel	3	67
Mi-Jack Travelift	MJ 70 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4 MPH	70
Shuttlelift	SB 70	25 (customizable)	30 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		70
Shuttlelift	DB 70	25 (customizable)	35 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		70
Shuttlelift	SL 75II	22 (customizable)	21 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		75
Mi-Jack Travelift	MJ 85 HD	customizable	customizable	4	Y	Two Wheel, Lead wheel optional	4 MPH	85
Shuttlelift	SL 85II	25 (customizable)	24 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		85
Shuttlelift	DB 90	30 (customizable)	35 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		90
Mi-Jack Travelift	MJ 100 HD	customizable	customizable	4 or 8	Y	Two Wheel, Lead wheel optional	3MPH	100
Shuttlelift	SL 100II	28 (customizable)	26 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		100
Shuttlelift	SB 100	35 (customizable)	35 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		100
Shuttlelift	DB 110	30 (customizable)	40 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		110
Shuttlelift	SB 120	35 (customizable)	35 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		120
Mi-Jack Travelift	MJ150 HD	customizable	customizable	8	Y	two corner, four corner optional.	3MPH	150
Shuttlelift	SB 150	40 (customizable)	40 (customizable)	4	Yes	2 wheel 90 degree or All Wheel		150
Shuttlelift	SL 150II	30 (customizable)	28 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		150
Shuttlelift	DB 165	35 (customizable)	40 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		165
Shuttlelift	DB 200	40 (customizable)	50 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		200
Shuttlelift	SL 200II	32 (customizable)	30 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		200
Shuttlelift	SL 250II	32 (customizable)	30 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		250
Shuttlelift	SL 300	34 (customizable)	32 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		300
Shuttlelift	SL 400	37 (customizable)	35 (customizable)	8	Yes	2 wheel 90 degree or All Wheel		400
Shuttlelift	SL 500	40 (customizable)	38 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		500
Shuttlelift	SL 620	45 (customizable)	38 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		620
Shuttlelift	SL 700	45 (customizable)	38 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		700
Shuttlelift	SL 820	50 (customizable)	48 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		820
Shuttlelift	SL 1000	55 (customizable)	55 (customizable)	16	Yes	2 wheel 90 degree or All Wheel		1,000
Shuttlelift	SL 1250	55 (customizable)	55 (customizable)	16	Yes	All wheel		1,250
Mi-Jack Travelift	MJ200HD-300HD	customizable	customizable	various	Y	various	various	200-300
Mi-Jack Travelift	MJ50C	customizable	n/s	4	Y	Two Wheel, Lead wheel optional	4-5MPH	44.1 under spreader

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K-Line designs and builds on and off road specialized dump bodies, lowbeds, and heavy haul trailers that serve over dimensional and specialized markets.

LAMPSON INTERNATIONAL

607 E. Columbia Drive
Kennewick, WA 99336
(509) 586-0411

www.lampsoncrane.com

Lampson International is a single source for all heavy lift and transport needs from conventional crane rentals, to heavy lift and transport engineering, to the provision and engineering of extreme capacity lift and transport equipment.

LANDOLL COMPANY

1900 North Street
Marysville, KS 66508
(785) 562-5381

www.landoll.com

Landoll provides traveling axle

and detachable trailers for commercial, industrial, military and government to ground load specialized equipment.

LOADCRAFT INDUSTRIES

P O Box 1429
Brady, TX 76825
(325) 597-2911

www.loadcraft.com

Loadcraft Industries specializes in the complete design and manufacturing of drilling and working rigs, as well as specialized transport trailers, dollies, beams and multi-axle components.

LOAD KING

7701 Independence Ave
Kansas City, MO 64125
(816) 241-4888

www.loadkingmfg.com

As a key part of the Custom Truck One Source family of brands, Load King offers standard and custom trailers, vocational equipment, and a full line of boom trucks and truck cranes.

MAMMOET USA, SOUTH

20525 FM 521
Rosharon, TX 77583
(281) 369-2200

www.mammoet.com

Mammoet improves construction efficiency by providing solutions for lifting, transporting, installing and decommissioning large and heavy structures.

MSA DELIVERY

4290 Hannan Road
Canton, MI 48188
734 397-7770

www.msadelivery.com

MSA Delivery provides transportation solutions for all specialized transportation needs within the U.S., Canada and Mexico.

NELSON MANUFACTURING

6448 State Route 224
Ottawa, OH 45875
(419) 523-5321

www.nelsontrailers.com

Nelson Manufacturing specializes in the design and manufacturing of customized transport solutions for the crane, rigging, construction, heavy haul, over size and aerospace markets.

RIDEWELL SUSPENSIONS

P.O. Box 4586
Springfield, MO 65808
(800) 641-4122

www.ridewellcorp.com

Ridewell Suspensions engineers and manufactures custom suspension systems for the specialized transport industry.

RIGGING GEAR SALES

1555 IL Route 26 South
Dixon, IL 61021
(815) 288-6403

www.rgsinc.net

Rigging Gear Sales produces hydraulic gantries, mobile pick and carry machines and is a distributor of TII trailers and transport systems.

ROGERS BROTHERS CORP.

100 Orchard Street
Albion, PA 16401-1218
(814) 756-4121

www.rogerstrailers.com

Rogers Trailers produces custom and specialized trailers for hauling cranes, construction equipment and construction materials.

TII KAMAG

Liststrasse 3 89079 Ulm, Germany
33 (0) 386 53 52-00

www.tii-group.com

A part of the TII Group of Companies, TII KAMAG produces solutions for internal transport operations including swap body transporters, terminal tractors, industry transporters and customized solutions.

TII SCHEUERLE

FAHRZEUGFABRIK GMBH

Otto-Rettenmaier-Str. 15 Pfedelbach
74629 Germany
49 7941 691 2999

www.tii-group.com

A part of the TII Group of Companies, TII Scheuerle develops and produces heavy load transport solutions for on and off-road, including low-bed semi-trailers, heavy-duty modules, SPMTs, shipyard transporters and winds systems.

TALBERT MANUFACTURING

1628 W. State Road 114
Rensselaer, IN 47978
(800) 348-5232

www.talbertmfg.com

Talbert offers complete lines of heavy-haul trailers and specialized transportation equipment for commercial, industrial, military and government sectors.

TEMISKO 1983 INC.

91 Ontario Street
Notre-Dame du Nord QC J0Z 3B0
Canada

(819) 723-2416

www.temisko.com

Temisko produces a full line of optimized hauling solutions for the specialized hauling sector.

THRUWAY SPECIALIZED TRAILERS

1170 Fewster Dr. Mississauga
ON. L4W 1A1 Canada
(905) 219 0080

www.thruwaytrailers.com

ThruWay Trailers produces a variety of multi-axle flatbeds, step-decks, multi-axle Trombones (Stretch Trailers) Patented Deep Coil-Well trailers; wind turbine Blade trailers and wind-turbine tower Schnabels.

TRADELOSSA

Cobalto #6 Colonia Industrial
Durango, Durango,
34229, Mexico
(713) 931-6552

www.tradelossa.com

Tradelossa is a transport solutions specialist for large and heavy loads, rigging, logistics services, permitting, warehousing services and operations at the border between Mexico and the United States in addition to trucking operations coming from Central America, Mexico and the U.S. and vice versa.

TRAIL KING INDUSTRIES

300 East Norway Avenue
Mitchell, SD 57301, (800) 843-3324

www.trailingking.com

Trail King Industries, Inc., headquartered in Mitchell, SD, is a North American manufacturer of a complete line of trailers. The company designs, engineers and manufactures trailers to serve a wide variety of applications for diverse markets, including construction, agriculture, transportation, waste and recycling and specialized hauling

TRAIL EZE TRAILERS

323 Quince Street,
Mitchell, SD 57301
(605) 996-5571

www.trailleze.com

Family owned since 1963, TRAIL EZE Trailers specializes in rear loading hydraulic tail trailers and slide axle trailers, folding goose neck and hydraulic detachable goose neck low boys, jeeps, dollies and steerable and extendable trailers.

TRANSMASTER TRAILERS

20 Wolfbridge Road,
Carlisle, PA 17013 888-611-3570

www.transmastertrailers.com

TransMaster Trailers offers specialized multi-axle steering dollies, expanding perimeters, extendables, high-capacity steering trailers, jeeps, heavy-duty step-decks, detachable gooseneck lowboys, beam systems and much more.

TRANSWORLD MANUFACTURING

6109 Dean Martin Drive
Las Vegas, NV 89118

(702) 798-8920

www.transworldmanufacturing.com

Crystal Dieleman, President
TransWorld produces boom dollies, specialized crane transport systems, counterweight trailers, jeeps and tag axles.

TPSE – TRANSPORT PRODUCTS AND SERVICE ENTERPRISES, INC.

3101 Oxbow Circle
Cocoa, FL 32926
(321) 631-3802

www.tpseinc.com

TPSE, is a certified woman owned business that offers heavy lift transporters and SPMTs from TII SCHEUERLE, TII KAMAG and material transporters from MOUVERS. TPSE also offers spare parts, accessories, service, technical support and training.

XL SPECIALIZED TRAILERS

P.O. Box 400
Manchester, IA 52057
(563) 927-4900

www.xlspecializedtrailer.com

Manufacturer of premium heavy haul trailers for the construction, commercial, agriculture, wind, oil and gas and custom trailer markets.

Disclaimer:

While every effort was made to assure the accuracy and comprehensiveness of this list, the ACT Sourcebook is not responsible for errors or omissions.

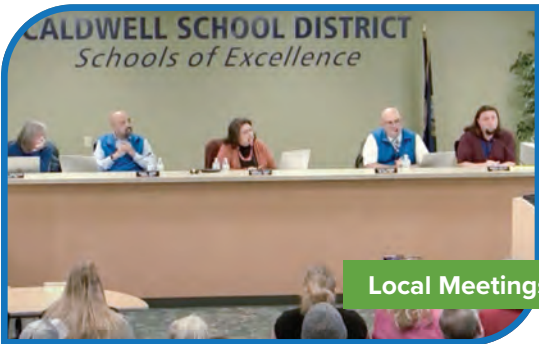
E-mail D. Ann Shiffer at d.ann.shiffer@khl.com or Hannah Sundermeyer at hannah.sundermeyer@khl.com for an ACT Sourcebook Survey Form.



For every four people leaving the industry, only one enters.



Career Fairs



Local Meetings



Onsite Visits

BE A PART OF THE SOLUTION!

Join the Lift & Move Workforce Ambassador Program.

Build awareness, build your pipeline.

Join a group of companies committed to building industry awareness through events such as:

- Career Fairs
- Offering Internships
- Open Houses
- Touch A Truck Events
- Classroom Visits

These types of events have been identified by Lift & Move to build industry awareness, foster community relationships and bridge the skilled labor gap.

To find out more about joining the program and gaining recognition for it, visit us online at www.liftandmoveusa.scr-foundation.org.





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ASSOCIATIONS

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
American National Standards Institute Inc. (ANSI)	25 West 43rd Street, New York, NY 10036	USA	(212) 642-4946	www.ansi.org
American Rental Association	1900 19th Street, Moline, IL 61265	USA	(800) 334-2177	www.ararental.org
American Wind Energy Association	1501 M St. NW, Suite 1000 Washington, DC 20005	USA	(202) 383-2500	www.cleanpower.org
Associated Equipment Distributors	600 W. 22nd Street Suite 220 Oak Brook, IL 60523	USA	(630) 574-0650	www.aednet.org
Associated General Contractors	2300 Wilson Blvd, Ste 400 Arlington, VA 22201	USA	(703) 548-3118	www.agc.org
Associated Wire Rope Fabricators	P O Box 748 Walled Lake, MI 48390	USA	(248) 994-7753	www.awrf.org
Association of Crane & Rigging Professionals (ACRP)	28175 Haggerty Novi, MI 48377	USA	(800) 690-3921	www.acrp.net
Association of Equipment Manufacturers	6737 West Washington Street, Milwaukee, WI 53214	USA	(414) 272-0943	www.aem.org
BC Association for Crane Safety	PO Box 48883 Bentall Vancouver, BC V7X 1A8	Canada	(604) 336-4699	www.bccranesafety.ca
Canadian Construction Association	1900 - 275 Slater St. Ottawa, ON K1P 5H9	Canada	(613) 236-9455	www.cca-acc.com
Crane Certification Association of America	28175 Haggerty Novi, MI 48377	USA	(800) 447-3402	www.ccaaweb.net
Crane Owners Association	447 Georgia Street Vallejo, CA 94590	USA	(707) 552-6040	www.craneowners.org
Crane Rental Association of Canada	P O Box 26 Regina, SK S4P 2Z5	Canada	(306) 585-2722	www.crac-aclg.ca
Florida Crane Owners' Council, Inc.	170 North Goldenrod Road Orlando, FL 32807	USA	(512) 633-7413	www.flcoc.com
Ironworker Management Progressive Action Cooperative Trust (IMPACT)	1750 New York Ave. NW, 4th Floor, Washington, DC 20006	USA	(800) 545-4921	www.impact-net.org
National Commission for the Certification of Crane Operators (NCCCO)	2750 Prosperity Avenue, Suite 505, Fairfax, VA 22031	USA	(703) 560-2391	www.nccco.org
Specialized Carriers & Riggers Association (SC&RA)	5870 Trinity Pkwy., Suite 200, Centreville, VA 20120	USA	(703) 698-0291	www.scranet.org
Steel Erectors Association of America	Piedmont Leaf Lofts 401 E. 4th St., #204 Winston-Salem, NC 27101	USA	(336) 294-8880	www.seaa.net

AUCTIONS/USED CRANE SALES

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Alex Lyon & Son	7697 Rt. 31 Bridgeport, NY 13030	USA	(315) 633-2944	www.lyonauction.com
American Auctioneers	1033 W. Main St. Centre, AL 35960	USA	(256) 927-5263	www.american-auctioneers.com
Bar None Auction	2440 Gold River Road, Suite 200, Rancho Cordova, CA 95670	USA	(866) 372-1700	www.barnoneauction.com
Berryhill Auctioneers	3901 Dendron Drive Flower Mound, TX 75028	USA	(972) 874-1222	www.berryhillauctioneers.com
Bunch Bros Auctioneers	P O Box 175 Wingo, KY 42088	USA	(270) 376-2992	www.bunchbrothers.com
Crane Network	400 E. Illinois Street, Suite B Lemont, IL 60439	USA	(214) 612-7626	www.cranenetwork.com
Darell Dunkle Auctioneers	P O Box 959, Harrison, MI 48625	USA	(800) 433-6670	www.dunkleauctioneers.com
Deanco Auction	1042 Holland Avenue, Philadelphia, MS 39350	USA	(601) 656-9768	www.deancoauction.com
GoIndustry DoveBid	1900 O'Farrell, Ste 325 San Mateo, CA 94403	USA	(800) 665-1042	www.go-dove.com

DSA Don Smock Auction Company	6531 S State Road 13 Pendleton, IN 46064	USA	(765) 778-9277	www.dsaauctions.com
Henderson Auctions	13340 Florida Blvd Livingston, LA 70754	USA	(225) 686-2252	www.hendersonauctions.com
Hilpipre Auctions	2862 Wagner Road Waterloo, IA 50703	USA	(319) 235-6007	www.hilpipre.com
Hunyady Auction Services	1440 Cowpath Road Hatfield, PA 19440	USA	(215) 361-9099	www.hunyady.com
I.R.A.Y. Auction	11935 Hwy 95 NE Foley, MN 56329	USA	(320) 968-7230	www.iraymn.com
J J Kane Auctioneers	1000 Lenola Road Maple Shade, NJ 8052	USA	(855) 462-5263	www.jjkane.com
J M Wood Auction Company	3475 Ashley Road Montgomery, AL 36108	USA	(334) 264-3265	www.jmwood.com
Lloyd Meekins & Sons	4070 NC Hwy 211 East Lumberton, NC 28358	USA	(910) 738-1389	www.meekinsauction.com
Jeff Martin Auctioneers	2236 Hwy 49 Brooklyn, MS 39425	USA	(601) 450-6200	www.jeffmartinauctioneers.com
Martin Auction Services	9515 Texas Church Road Clinton, IL 61727	USA	(217) 935-3245	www.martinauction.com
Musser Bros Auctioneers	3035 Rickenbacker Drive Pasco, WA 99301	USA	(509) 416-6060	www.mbauction.com
Myron Bowling Auctioneers	3901 Kraus Lane Hamilton, OH 45014	USA	(513) 738-3311	www.myronbowling.com
Pro Team Auction Company	1715 Garden Village Dr, Ste A, White Pine, TN 37890	USA	(865) 674-7002	www.proteamauction.com
Purple Wave Auction	825 Levee Drive Manhattan, KS 66502	USA	(785) 537-7653	www.purplewave.com
Ritchie Bros. Auctioneers	9500 Glenlyon Parkway Burnaby, BC V5J 0C6	Canada	(778) 331-5500	www.rbactions.com
Sullivan Auctioneers	1066 E US Hwy 136 Hamilton, IL 62341-0111	USA	(217) 847-2160	www.sullivanauctioneers.com
Thompson Auctioneers	3519 State Route 235 Fairborn, OH 45325	USA	(937) 426-8446	www.thompsonauctioneers.com
Vocon Auctions	4747 NE 14th Street Des Moines, IA 50313	USA	(866) 218-6266	www.govocon.com
West Auctions	P O Box 278 Woodland, CA 95776	USA	(530) 661-0490	www.westauction.com
Yoder & Frey Auctioneers	1670 Commerce Holland, OH 43528	USA	(419) 865-3990	www.yoderandfrey.com

CONTROL DEVICES

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Adeunis NA	65 Pondfield Rd., Suite 14 Bronxville, NY 10708	USA	(914) 337-2167	www.vokkero.com
Cattron Group International	58 West Shenango Sharpsville, PA 16150	USA	(724) 962-2630	www.cattron.com
Cervis Inc.	140 Thorn Hill Road Warrendale, PA 15086	USA	(724) 741-9000	www.cervisinc.com
Control Chief Wireless Solutions	200 Williams Street Bradford, PA 16701	USA	(814) 362-6811	www.controlchief.com
Custom Controls Inc.	#106 30468 Great Northern Ave, Abbotsford, BC V2T 6H4	Canada	(604) 854-3000	www.customcontrolsinc.com
Eaton Wireless	74-1833 Coast Meridian Rd Port Coquitlam, BC V3C 6G5	Canada	(604) 944-9247	www.eaton.com
Floodraulics	3539 N County Road 700 W, Greenfield, IN 46140	USA	(317) 890-3700	www.floodraulics.com
HBC-radiomatic	1017 Petersburg Road Hebron, KY 41048	USA	(800) 410-4562	www.hbc-usa.com
HED, Inc.	2120 Constitution Ave Hartford, WI 53027	USA	(262) 673-9450	www.HEDcontrols.com
Hetronic USA	4300 Highline Blvd Building A Oklahoma City, OK 73108	USA	(405) 946-3574	www.hetronic.com

CONTROL DEVICES continued

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Intercomp	3839 County Road 116 Medina, MN 55340	USA	(763) 476-2531	www.intercompcompany.com
JR Merritt Controls	55 Sperry Avenue Stratford, CT 06615	USA	(203) 381-0100	www.jrmerritt.com
Kar-Tech	111 Enterprise Road Delafield, WI 53018	USA	(262) 646-9444 x234	www.kar-tech.com
Laird Technologies	3481 Rider Trail South Earth City, MO 63045	USA	(636) 898-6000 x1186215	www.lairdtech.com
Loadwise International	50 Woolmer Way Bordon, Hampshire GU35 9QF	UK	+44 (0)1420 476500	www.loadwise.co.uk
Magnetek	N49 W 13650I Campbell Drive, Menomonee Falls, WI 53051	USA	(262) 783-3500	www.columbusmckinnon.com
McKee Communications	6381 A Rose Lane Carpinteria, CA 93013	USA	(800) 321-4138	www.mckeeusa.com
Microtronics	2270 Highway 54 Iola, KS 66749	USA	(620) 365-8264	www.micro-tronics.com
Mobile Control Systems	1229 Commonwealth Marietta, GA 30064	USA	(678) 581-9613	www.mobilecontrolsystems.com
NBB Controls	1572 East Parham Road Richmond, VA 23228	USA	(804) 262-4846	www.nbbcontrols.com
OEM Controls	10 Controls Drive Shelton, CT 06484	USA	(203) 929-8431	www.oemcontrols.com
Orlaco Products B.V. North America	33 Confederate Avenue Jasper, GA 30147	USA	(706) 301-9227	www.orlaco.com
Robinson Engineering Company	1914 Silver Street Garland, TX 75042	USA	(972) 272-2001	www.craneboss.com
Scanreco	4900 Parkway Drive, Suite 190, Mason,	USA	(855) 658-0732	www.scanreco.com
Trimble Lifting Solutions	32 West Thebarton Road Thebarton	Australia	+01161882383537	www.heavyindustry. trimble.com
Wamplfer	8091 Production Drive Florence, KY 41042	USA	(859) 342-8300 x219	www.wamplfer.com

CRANE MANUFACTURERS

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Altec	210 Inverness Center Drive Birmingham, AL 35242	USA	(205) 991-7733	www.altec.com
Amco Veba	Gian Paolo Aschero Bolingbrook, IL 60440	USA	(630) 326-6900	www.fischercrane.com
American & Ohio Locomotive Crane	811 Hopley Avenue Bucyrus, OH 44820	USA	(419) 562-6010	www.aolcrane.com
Auto Crane Company	4707 N Mingo Road Tulsa, OK 74117	USA	(918) 879-8522	www.autocrane.com
Bailey Cranes	8111 W. Bradley Road Milwaukee, WI 53223	USA	(414) 446-8412	www.baileycranes.com
Bigge Crane and Rigging	10700 Bigge Ave. San Leandro, CA 94577	USA	(510) 638-8100	www.bigge.com
Broderson Manufacturing	14741 W. 106th Street Lenexa, KS 66215	USA	(913) 888-0606	www.bmccranes.com
Cargotec	12233 Williams Road 00180 Helsinki	Finland	+358 20 777 4000	www.cargotec.com
CCSI/Cormach Cranes	61 Augusta Ct. Charles Town, WV 25414	USA	(888) 229-3184	www.ccsi-cranes.com
CIFA USA	1515 County Road 1 Tiffin, OH 44883	USA	(419) 558-9891	www.cifa.com
Comansa	11608 Downs Road Pineville, NC 28134	USA	(704) 588-7729	www.northamerica. comansa.com
Effer North America	307 Munroe Falles Avenue Cuyahoga Falls, OH 44221	USA	(330) 916-6461	www.effer.com
Elliott Equipment Company	4427 South 76th Circle Omaha, NE 68127	USA	(402) 592-4500	www.elliottequip.com

Enerpac	N86W12500 Westbrook Crossing Menomonee Falls,	USA	(262) 293-1684	www.enerpac.com
EZ Rig Crane	1500 Palma Dr. 2nd Floor. Ventura, CA 93003	USA	(800) 643-4387	www.ezrigcrane.com
Fascan Intenational	4517 North Point Blvd. Baltimore, MD 21219	USA	(800) 632-7226	www.fascan.com
Favelle Favco	26360 FM 106 Harlingen, TX 78550	USA	(956) 428-7488	www.favellefavco.com
Fischer Crane	585 E South Frontage Road Bolingbrook, IL 60440	USA	(630) 739-6900	www.fischercrane.com
FM Gru	6330 148th Street Surrey, BC V3S 3C4	Canada	(604) 599-4200	www.fmgru.it
Global Crane/Zoomlion	14702 Jersey Shore Drive, Houston, TX 77040	USA	(832) 460-3939	www.globalcranes.com
Giuffre Bros. Cranes	6635 South 13th Street	USA	(414) 764-9200	www.giuffre.com
Hoist Liftruck Manufacturing	6499 W. 65th Street Bedford Park, IL 60638	USA	(800) 367-5600	www.hoistlift.com
Intensus Engineering XCMG	3691 Route 9 Cold Spring, NY 10516	USA	(845) 265-6000	www.intensus.com
Iowa Mold Tooling	500 Hwy 18 W Garner, IA 50438	USA	(641) 923-3711	www.imt.com
J&R Engineering	538 Oakland Avenue Mukwonago, WI 53149	USA	(262) 363-9660	www.jrengco.com
Jekko USA	4517 North Point Blvd. Baltimore, MD 21219	USA	(410) 344-5011	www.jekkousa.com
Jost	1170 Hayes Grand Haven, MI 49417	USA	(800) 253-5105	www.jostinternational.com
Jost Cranes	Herzogplatz 30	Germany	+49 8106 9995580	www.jost-cranes.com
Kobelco Construction Machinery USA	22370 Merchants Way Katy, TX 77449	USA	(281) 888-8430	www.kcmu-cranes.com
Koenig Cranes North America	2190 A- Carpenter Street Abbotsford, BC V2T 4X2	Canada	(877) 852-2192	www.koenigcranes.com
Lampson International	607 E. Columbia Drive Kennewick, WA 99336	USA	(509) 586-0411	www.lampsoncrane.com
Liebherr Cranes	4100 Chestnut Avenue Newport News, VA 23607	USA	(757) 933 2185	www.liebherr.com
Liebherr Canada	1015 Sutton Drive Burlington, ON L7L 5Z8	Canada	(800) 387-3922	www.liebherr.com
Liebherr Cranes USA	4100 Chestnut Avenue Newport News, VA 23607	USA	(757) 245-5251	www.liebherr.com
Liebherr USA, Co. MCCtec Division	7075 Bennington Street Houston, TX 77028	USA	(713) 636-4050	www.liebherr.com
Liebherr Tower Crane Division	4100 Chestnut Avenue Newport News, VA 23607	USA	(757) 245-5251	www.liebherr.com
Lift Systems	1505 - 7th Street East Moline, IL 61244	USA	(309) 764-9842	www.lift-systems.com
Lift Systems Canada	35 Longworth Ln. Woodstock, ON N4V1G6	Canada	(519) 539-0213	www.lift-systems.com
Liftech Consultants	344 20th Street, Suite 360 Oakland, CA 94612	USA	(510) 832-5606	www.liftech.net
Link-Belt Construction Equipment	2651 Palumbo Drive Lexington, KY 40509	USA	(859) 263-5200	www.linkbelt.com
Maeda America	22130 Merchants Way Katy, TX 77449	USA	(713) 715-1500	www.maedausa.com
Mammoet Americas	20525 FM 521 Rosharon, TX 77583	USA	(281) 369-2200	www.mammoet.com
Mammoet Canada East	2 Bluewater Road Suite 246, B4B 1G7 Bedford, Nova Scotia	Canada	(902) 450-0550	www.mammoet.com
Mammoet Canada West	12920 - 33 Street NE T6S 1H6 Edmonton, Alberta	Canada	(780) 449-0552	www.mammoet.com
Manitex International	3000 South Austin Avenue Georgetown, TX 78626	USA	(512) 942-3000	www.manitex.com
The Manitowoc Company (Grove, National Crane, Potain)	11270 W Park Pl Ste 1000, Milwaukee, WI 53224	USA	(414) 760-4600	www.manitowoc.com

CRANE MANUFACTURERS continued

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Marine Travelift International	12 Stratfield Park Waterlooville, Hants PO7 7XN	UK	44 (0) 2392 230 811	www.marinettravelift.com
Mi-Jack Products	3111 W. 167th St. Hazel Crest, IL 60429	USA	(708) 596-5200	www.mi-jack.com
New Dafang Heavy Industry S&T	401 E 34th Street N28C New York, NY 10016	USA	(212) 845-1100	
North American Lifting Equipment (Effer)	307 Munroe Falles Avenue Cuyahoga Falls, OH 44221	USA	(330) 929-3303	www.efferusa.com
ORMIG	Piazzale Ormig, Regione Carlovini 12/A Ovada, AL 15076	Italy	39 0143 80051	www.ormig.com
Palfinger	7942 Dorchester Rd. Niagara Falls, ON L2G 7W7	Canada	(905) 374-3363	www.palfinger.com
PM Group S.P.A	Via G. Verdi 22	Italy	39 059 936811	www.pm-group.eu
QMC Hydraulic Cranes	18071 Mt. Washington St Fountain Valley, CA 92708	USA	(800) 331-7959	www.qmccranes.com
Riggers Manufacturing Company	1555 IL Route 26 South Dixon, IL 61021	USA	(815) 288-7626	www.riggers.com
Rigging Gear Sales	1555 IL Route 26 South Dixon, IL 61021	USA	(815) 288-6403	www.rgsinc.net
Sany America	318 Cooper Circle South Peachtree City, GA 30269	USA	(678) 251-2810	www.sanyamerica.com
Sarens USA	2812 Avenue S Dickinson, TX 77539	USA	(832) 536-3669	www.sarens.com
Shuttlelift	49 E Yew Street Sturgeon Bay, WI 54235-1976	USA	(920) 743-8650	www.shuttlelift.com
Spydercrane Sales	5326 W. Mohave Street Phoenix, AZ 85043	USA	(623) 215-1000	www.spydercrane.com
Stellar Industries	PO Box 169 Garner, IA 50438	USA	(641) 923-3741	www.stellarindustries.com
Tadano America Corporation	4242 W. Greens Road Houston, TX 77066	USA	(281) 869-0030	www.tadanoamericas.com
Tadano America	1705 Columbia Avenue, Suite 200 Franklin, TN 37065	USA	(615) 794-4556	www.mantiscranes.com
Terex Cranes	9528 West Interstate 40 Oklahoma City, OK 73128	USA	(877) MY-TEREX	www.terex.com/cranes/en
Towerwork	7 Old Field Road New York, NY 11733	USA	(516) 303-3004	www.towerwork.net
Valla (A Manitex Company)	9725 Industrial Drive Bridgeview, IL 60455	USA	(708) 237-2076	www.valla-cranes.co.uk
Wilbert Tower Cranes	Lohrgraben 2 Waldlaubersheim	Germany	+49 6707 66680	www.wilbert.de
Wolffkran	45 Main St., Suite 712 Brooklyn, NY 11201	USA	(718) 418-9650	www.wolffkran.com
XCMG	Industry Area No. 1 Xuzhou Economic Jangsu 221004	China	86 516 8773 871	www.xcmg.com
Zoomlion	No. 361 South Ynpen Road Changsha, Hunan P.R. 410013	China	0086-731-88928069	www.zoomlion.com
Zoomlion Heavy Industry NA	14215 Two Mile Road	USA	(262) 835-1828	www.zoomlion-na.com

CRANE MATS, PADS & CRIBBING

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
AlturMATS	701 E Spring St, Mailbox #9 Titusville, PA 16354	USA	(800) 438-9336	www.alturmat.com
American Mat & Timber	6422 McGrew Houston, TX 77087	USA	(800) 671-0694	www.amtmat.com
Beasley Forest Products	P O Box 788 Hazlehurst, GA 31539	USA	(912) 375-5174	www.beasleyforestproducts.com
Better Header	10 Dunton Avenue Deer Park, NY 11729	USA	(631) 242-1962	www.betterheader.com

Bigfoot Construction Equipment	1111 Broadway Court Woodstock, IL 60098	USA	(888) 743-7320	www.outriggerpads.com
Bridgewell Resources	10200 SW Greenburg Road	USA	(503) 872-3404	www.bridgewellresources.com
Carolina Mat	P O Box 339 Plymouth, NC 27962	USA	(252) 793-4045	www.carolinamat.com
Composite Advantage	401 Kiser Street Dayton, OH 45404-1639	USA	(937) 723-9031	www.creativecompositesgroup.com
CraneWorks	7795 East Little York Road Houston, TX 77016	USA	(281) 219-7779	www.crane-works.com
DICA	4105 129th St. Urbandale, IA 50323	USA	(712) 794-3103	www.dicausa.com
Fuqua Sawmill	1761 NW 34th Ave. Ocala, FL 34475	USA	(352) 629-4713	www.cranematsflorida.com
Industrial Matting LLC	7327 SW Barnes Road	USA	(888) 543-6287	www.industrialmatting.com
Lifton's	1037 Highway 64 New Richmond, WI 54017	USA	(866) 439-7208	www.liftonsinc.com
Lohrberg Lumber	5662 L Road Waterloo, IA 62298	USA	(618) 542-8024	
Macroplastics	2250 Hungtinton Drive Fairfield, CA 94533	USA	(707) 437-1200	www.macroplastics.com
New South Equipment Mats	281 Old Jackson Rd, Ste 10 Madison, MS 39110	USA	(866) 922-6287	www.newsouthmat.com
Nylacast	770 Maple Lebanon, PA 17046	USA	(717) 270-5600	www.nylacast.com
Paul Davis	144 Sawmill Road Amite, LA 70422	USA	(985) 748-7980	www.pauldavisinc.com
Prime Tech	1210 Warsaw Road, Suite 1200 Roswell, GA 30076	USA	(770) 594-8608	www.primetechpads.com
Quality Mat Company	6550 Tram Road Beaumont, TX 77713	USA	(800) 227-8159	www.qmat.com
Rhino Cribbing Company	1290 Edgewood Drive Pittsburgh, PA 15120	USA	(800) 974-4669	www.rhinocrib.com
Rigger Core/Rutland Plywood	One Ripley Road Rutland, VT 05701	USA	(802) 747-4000	www.rutply.com
Ritter Forest Products	P O Box 1265 Nederland, TX 77627	USA	(800) 426-9570	www.ritterforest.com
Sauber Manufacturing	10 North Sauber Road Virgil, IL 60151	USA	(630) 365-6600	www.saubermfg.com
Signature Systems Group	50 East 42nd Street, 14th Floor New York, NY 10017	USA	(212) 953-1116	www.signature-systems.com
South Eastern Timber Corporation	P O Box 9289 Coral Springs, FL 33075	USA	(954) 752-3800	www.crane-mats.com
Stab Line	4255 Hogan Montreal, QC H2H 2N2	Canada	(514) 521-8552	www.stabline.ca
Sterling Lumber Company	501 E. 151 Street Phoenix, IL 60426	USA	(708) 388-2223	www.lionlumber.com
The Mat Rental Company	15237 County Road 20 Jemison, AL 35085	USA	(205) 646-0316	www.matrentalco.com
Turtle Plastics	7400 Industrial Parkway Lorain, OH 44053	USA	(800) 756-6635	www.turtleplastics.com
Viking Mat Company	7615 Smetana Lane	USA	(800) 733-3801	www.vikingmat.com
World Forest Group	2100 West Loop	USA	(722) 473-0328	www.world-forest.com
WS Hampshire	365 Keyes Ave	USA	(847) 453-8280	www.wshampsire.com
YakAccess	2438 Hwy 98 East	USA	(844) 925-2377	www.yakaccess.com

ENGINEERING SERVICES

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
2DM Associates	9235 Katy Freeway Suite 350, Houston, TX 77024	USA	(713) 461-3500	www.2dm.us
Becht Engineering Company	22 Church Street Liberty Corner, NJ 7938	USA	(908) 394-1260	www.becht.com
Chant Engineering	59 Industryal Drive	USA	(215) 230-4260	www.chant.engineering.com
Dearborn Companies	7471 W 93rd Street	USA	(708) 430-7600	www.dearborncos.com

ENGINEERING SERVICES *continued*

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Haag Engineering	625 Industrial Blvd Sugarland, TX 774789	USA	(281) 313-9700	www.haagglobal.com
Howard Shapiro & Associates	303 Merrick Road Suite 400 Lynbrook, NY 11563	USA	(516) 791-2600	www.hisassoc.com
Landmark Engineering	2489 Rice Street, Roseville, MN 55113	USA	(651) 482-9750	www.landmarkengineering services.com
Rigging Associates	2144 5th Avenue W Seattle, WA 98149	USA	(206) 817-4939	
Ruby + Associates	3044 Northwestern Highway, Farmington Hills,	USA	(248) 865-8855	www.rubyusa.com
Stroh Engineering	102 Vanderbilt Avenue Babylon, NY 11704	USA	(631) 669-7531	www.strohengineering.com
Universal Engineering Services	7013 6th Street North Oakdale, MN 55128	USA	(615) 714-0552	www.ues.net

ESCORT/PILOT CAR & BUCKET TRUCK SERVICES

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
All Area Escort Service	P O Box 745 Eastman, GA 31023	USA	(478) 374-1981	
Barney's Pilot Car Equipment	2233 NE 244th Avenue, # 4 Wood Village, OR 97060	USA	(503) 665-4444	www.barneypilotcar.com
Cheyenne's Pilot Cars	P.O. Box 122 Brookeville, MD 20833	USA	(301) 774-9061	www.cheyennespilotcars.com
Comdata Network	5301 Maryland Way Brentwood, TN 37027	USA	(615) 376-6822	www.comdata.com
Diamond Plus Specialized	1 William Street S	Canada	(877) 327-4567	www.diamondplusspecialized.com
Duncan Escort Service	P. O. Box 786 Rosedale, VA 24280	USA	(276) 970-2960	
High, Wide & Heavy Oversize Escorts	312 Arthur Kill Road Staten Island, NY 10308	USA	(347) 236-9995	www.highwidenheavy.us
Interstate Flag Car	1358 Greenbag Road Morgantown, WV 26508	USA	(304) 296-8111	
Jim's Pilot Car Services	3619 W Smith Ferry Road Muskogee, OK 74401	USA	(918) 682-9636	www.jimpilotcar.com
Kenco Bucket Trucks	P.O. Box 478 Channelview, TX 77530	USA	(281) 459-3100	www.highloads.com
Landstar Carrier Group	13410 Sutton Park Drive, Jacksonville, FL 32224-5270	USA	(800) 872-9400	www.landstar.com
Linda's Truck Escorting Service	7321 Ringertown Road Export, PA 15632	USA	(724) 468-5019	
Morrell Oversize	10752 171st Ave NW Elk River, MN 55330	USA	(763) 441-2011	morrelloversize.com
National Pilot Car Safety Institute	2233 NE 244th Ave., Suite E-4, Wood Village OR 97060	USA	(503) 328-8520	www.npcsi.net
New York Truck Escort & Permits, Inc.	792 Frankford Road West Babylon, NY 11704	USA	(631) 669-3742	www.newyorktruckescorts.com
NKS Piloting	11699 N. 340 Road	USA	(918) 218-5218	
Nova Permits & Pilot Cars	2800 Ave, St-Jean-Baptist, Ste 235, Quebec City, PQ G2E 6J5	Canada	(418) 527-7775	www.novapermits.com
ODS North America	7575 Trans Canada Hwy., Suite 500, St. Laurent, PQ H4T 1V6	Canada	(877) 635-7164	www.odsna.com
Pilotcarz4u	P O Box 864 Williston, SC 29853	USA	(803) 266-5149	www.pilotcarz4u.com
Pyramid Escort Service	6321 Branderham Dr Memphis, TN 38134	USA	(901) 508-1806	
Redneck Enterprises	P.O. Box 734 Ignacio, CO 81137-0734	USA	(970) 884-2369	
Route America	P O Box 1409 Frankfort, KY 40602	USA	(866) 577-6883 x222	www.routeamerica.com

Sapphire Rose Pilot Car	P.O. Box 115 Converse, TX 78109	USA	(210) 661-6441	www.sapphirerosepilotcar.com
State Line Pilot Car	4052 Stoddard Road Canandaigua, NY 14424	USA	(585) 394-9364	www.statelinepilotcar.com
Statewide-Nationwide Bucket Truck Escorts	1411 W. 34th Street Houston, TX 77018-6211	USA	(713) 476-9101	www.buckettrucksescorts.com
Sunshine Flag Car Service	P.O. Box 262 Hershey, PA 17033	USA	(717) 534-1213	
Sweet 'P' Express - Escort Service	4038 Route 20 Esperance, NY 12066	USA	(518) 527-6524	
TrailBlazer Pilot Car Services	P O Box 17972 San Antonio, TX 78217	USA	(210) 822-7501	www.trailblazerpilotcar.com
Triton Transport	20331 Duncan Way Langley, BC V3A 7N3	Canada	604-530-5124	www.tritontransport.com
WCS Permits	150 E. Arrow Highway San Dimas, CA 91773	USA	(888) 737-6483	www.wcspermits.com
Wheeling Equipment Company	4407 Opelousas Street Lake Charles, LA 70615	USA	(800) 555-1212	www.wheelingequipment.com

FALL PROTECTION

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Bairstow Lifting Products	1785 Ellsworth Industrial Dr. Atlanta, GA 30318	USA	(800) 241-8990	www.bairstow.com
Buckingham Manufacturing	P O Box 1690 / 11 Travis Avenue, Binghamton, NY 13904	USA	(607) 773-2400	www.buckinghammfg.com
DBI/SALA	3833 Sala Way Red Wing, MN 55066	USA	(800) 328-6146	www.capitalsafety.com
Elk River	PO Box 1770 Cullman, AL 35056	USA	(256) 739-5959	www.elkriver.com
European Technology Center NA	930 East Drayton Ferndale, MI 48220	USA	(248) 217-1945	www.etcna.net
Fall-Tech	1306 S. Alameda St. Compton, CA 90221	USA	(323) 752-0066	www.falltech.com
FrenchCreek Fall Safety	100 N. 13th Street Franklin, PA 16323	USA	(877) 228-9327	www.frenchcreekproduction.com
Guardian Fall Protection	26513 79th Ave South Kent, WA 98032	USA	(800) 466-6385	www.guardianfall.com
Honeywell Safety Products	900 Douglas Pike Smithfield, RI	USA	(800) 873-5242	www.sps.honeywell.com
Latchways Fall Protection	Hopton Park, Devides, Wilshire SN10 2JP	UK	1.14414E+13	www.latchways.com
MSA North America	P O Box 427 Pittsburgh, PA 15230	USA	(724) 776-8721	www.msasafety.com
RIT Safety Solutions	1900 Enterprise Pkwy, Ste H, Twinsburg, OH 44087	USA	(800) 254-2990	www.ritsafetysolutions.com
Samsel Supply Company	1285 Old River Road Cleveland, OH 44113	USA	(800) 892-8012	www.samselsupply.com
Standfast	953 Chestnut St. Suite 303 Chicago, IL 60642	USA	(877) 850-8726	www.sftram.com
Tech Safety Lines	3204 Skyline Dr, Ste D Carrollton, TX 75006	USA	(214) 987-4680	www.techsafetylines.com
Tractel	51 Morgan Drive Norwood, MA 02062	USA	(800) 421-0246	www.tractel.com
Tractel, a division of Griphoist	1615 Warden Avenue Scarborough, ON M1R 2T3	Canada	(416) 298-8822 x247	www.tractel.com/us
Transportation Safety Apparel	14B Cardinal Street Hilton Head, SC 29926	USA	(843) 686-4046	www.tsasafety.com
Winsafe Corp.	One Valleywood Drive, Unit 1, Markham, ON L3R 5L9	Canada	(905) 474-9340	www.winsafe.com
Woods Logging & Industrial Supply	702 Industrial Way	USA	(360) 577-8030	www.woodsindustrialsupply.com

FINANCIAL SERVICES

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Alliance Funding Group	3745 West Chapman Avenue, Suite 200, Orange, CA 92868	USA	(800) 978-8817	www.afg.com
Altec Capital Services	33 Inverness Center Parkway Suite 200, Birmingham, AL 35242	USA	(888) 408-8148	www.altec.com/altec-capital/
CIT Group	One CIT Drive Livingston, NJ 07039	USA	(973) 740-5000	www.cit.com
Commercial Credit Group	525 N Tryon St, Charlotte, NC	USA	(704) 731-0031	www.commercialcreditgroup.com
DLL Group Canada	3450 Superior Court, Unit 1 Oakville, Ontario,	Canada	(905) 465-4960	www.dllgroup.com
Deutsche Leasing USA	190 S. LaSalle St., Suite 2150, Chicago,	USA	(312) 678-4265	www.deutsche-leasing.com
First Financial Equipment Leasing	750 City Drive Suite 300	USA	(714) 646-1619	www.ffequipmentleasing.com
FMI Corporation	5171 Glenwood Avenue	USA	(919) 785-9236	www.fmicorp.com
GE Capital	201 Main Ave.	USA	(203) 229-5717	www.gecapital.com
Harry Fry & Associates	291 Main Street West Newbury,	USA	(978) 308-1000	www.harryfry.com
Heartland Equipment Finance	445 West Oklahoma Avenue Milwaukee, WI 53207	USA	(414) 747-7256	www.heartlandloans.net
Industrial IIIE	17,314 SH 249, Suite 315 Houston, TX 77064	USA	(281) 894-8000	www.iii-inc.com
Intek Leasing	152 Eagle Rock Ave Roseland, NJ 07068	USA	(973) 403-7788	www.intekleasing.com
Manitowoc Finance	1565 Buchanan Trail East Shady Grove, PA 17256	USA	(717) 597-8121	www.manitowoc.com/support/manitowoc-finance
Orange Commercial Credit	10121 SE Sunnyside Road, # 300, Clackamas,	USA	(888) 266-0211	www.occfactor.com
PCE	200 E. New England Ave	USA	(407) 621-2100	www.pcecompanies.com
People's Capital and Leasing	2135 City Gate Lane,	USA	(630) 780-1021	www.peoples.com
SG Equipment Finance USA	480 Washington Blvd., 24th Floor, Jersey, City, NJ 07310	USA	(201) 839-1125	www.sgef.us
Siemens Financial Services	301 Lindenwood Drive, Suite 215, Malvern,	USA	(866) 249-4496	www.siemens.com/finance
Simmons Bank	2050 Hall Johnson Rd.	USA	(817) 916-6220	www.simmonsbank.com
SL Financial Services	251 Riverside Avenue Westport, CT 6880	USA	(203) 227-5225	www.slfinancial.com
Terex Financial Services	200 Nyala Farm Rd	USA	(503) 245-3232	www.terex.com/en/
Trinity Vendor Finance	475 Sansome St., 19th Floor,	USA	(800) 841-4433	www.trinityvf.com
Wells Fargo Equipment Finance	2700 South Price Road Chandler, AZ 85286	USA	(480) 724-3499	www.wellsfargo.com

FREIGHT FORWARDING/LOGISTICS

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
1A Intermodal	1460 NW 107th Ave Miami, FL 33172	USA	(305) 629-6266	www.1aintermodal.com
3Plus Logistics	20250 S. Alameda St Rancho Dominguez,	USA	(310) 667-5167	www.e3pl.com
Access World Logistics Corporation	7 Moonglade Lane Savannah, GA 31411	USA	(912) 352-4248	www.awlcorp.com
American Cargoservice	7886 Convoy Court San Diego, CA 92111	USA	(858) 565-4125	www.acssan.com
American Heavy Moving & Rigging	1391 E. Phillips Blvd	USA	(909) 469-2827	www.americanheavymoving.com
ATS Specialized	725 Opportunity Drive	USA	(320) 255-7400	www.atsinc.com
Basil Equipment	31312 Via Colinas, Ste 109 West Lake Village, CA 91362	USA	(818) 991-9694	www.basilequipment.com
Bellville Rodair International	7155 Old Katy Rd., #103 Houston, TX 77024	USA	(713) 921-5544	www.bellvillerodair.com

Bennett International Transport	1001 Industrial Parkway McDonough,	USA	(770) 957-1866	www.bennettig.com
C.H. Robinson Project Logistics	102, 6715 - 8 Street N.E. Calgary, AB T2E 7H7	Canada	(403) 295-1505	www.chrprojectlogistics.com
C.I. Services	P O Box 91955 Atlanta, GA 30364	USA	(678) 686-0933	www.ciservicesinc.com
Convoy Logistics Providers	482 South Service Road East, Suite 117, Oakville, ON L6J 2X6	Canada	(416) 621-1519	www.convoylogistics.ca
GT Worldwide Logistics	306 East Main Street Carnegie, PA 15106	USA	(866) 966-4999	www.gtlogisticsllc.com
Landstar	13410 Sutton Park Drive South, Jacksonville, FL 32224	USA	(877) 287-9495	www.landstar.com
Logistics Group International	1426 North Post Oak Road Houston, TX 77055	USA	(713) 957-4812	www.lgiinc.com
McDonough Marine Service	1750 Clearview Pkwy Metairie,	USA	(504) 780-8100	www.mcdonoughmarine.com
Morrell Oversize	10752 171st Ave. NW Elk River,	USA	(763) 441-2011	www.morrelloversize.com
NAL Worldwide / Syncreon	1200 Greenbriar Drive	USA	(630) 261-3184	www.syncreon.com
PartnerShip	29077 Clemens Road Westlake, OH 44145	USA	(800) 599-2902	www.partnership.com/ 04SCRA
Pioneer Heavy Haul	262 Silberthorn St.	Canada	(905) 732-9895	www.pioneerheavyhaul.com
Q-Line Trucking	2425 Matheson Blvd. E, 8th Floor Mississauga, ON L4W 5K4	Canada	(877) 478-9995	www.qlinetrucking.com
Racing Cargo USA	22251 Mines Road Laredo, TX 78045	USA	(877) 827-7813	www.racingcargo.com
Red Arrow Logistics	22605 SE 56th Street, Suite 270, Issaquah, WA 98029	USA	(425) 747-7914	www.redarrowlogistics.com
Roadrunner Freight	1139 Franklin Ave Fox Rapids, MN 56379	USA	(320) 656-8848 x17	www.rrts.com
The Fogel Company	4431 California St. San Francisco, CA 94118	USA	(415) 422-0081	www.fogelco.com
Transportation Logistics Systems	2510 East 85th Street Kansas City, MO 64132	USA	(816) 931-9479	www.translogsys.com
UNI International	100 Corey Avenue St. Petersburg, FL 33706	USA	(727) 360-2844	www.uniinternational.com

INSURANCE/RISK MANAGEMENT

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Allied Insurance Brokers	4 Gateway Center, 444 Liberty Ave., Suite 400, Pittsburgh, PA 15212	USA	(800) 569-9427	www.alliedinsbrokers.com
Association Benefit Resources	6550 South Millrock Drive, Suite 300, Salt Lake City, UT 84121	USA	(801) 937-6700	www.scrachealthplan.com
Assurance Agency	1750 E. Golf Road Schaumburg, IL 60173	USA	(847) 797-5700	www.assuranceagency.com
Baldwin & Lyons	1099 N. Meridian Street Indianapolis, IN 46204	USA	(800) 644-5501	www.protectiveinsurance.com
Brennan & Stuart Inc (BSI)	222 Bucklin St LaSalle, IL 61301-3457	USA	(630) 209-3144	www.brennanstuart.com
Construction Insurance Agency	11290 Balls Ford Road Manassas, VA 20100	USA	(703) 257-7540	www.const-ins.com
ECBM	300 Conshohocken State Rd., Suite 405, West Conshohocken, PA 19428	USA	888 313-3226	www.ecbm.com
EPG Insurance	PO Box 171199 Memphis, TN 38187	USA	(407) 788-6657	www.epgins.com

INSURANCE/RISK MANAGEMENT continued

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Great American Group	9 Parkway North, Ste. 300, Deerfield, IL 60015	USA	(847) 943-2094	www.brileyfin.com
Hays Companies	One South Wacker Drive, Suite 3350, Chicago, IL 60606-4639	USA	(312) 254-3722	www.hayscompanies.com
Insurance Innovators	130 S Easton Road Glenside, PA 19038	USA	(215) 885-7300	www.iigroup.com
McGriff	One Premier Plaza, Suite 300, 5605 Glenridge Drive, Atlanta, GA 30342	USA	(800) 476-2541	www.mcgriff.com
Meadowbrook Insurance Group	26255 American Dr Southfields, MI 48034	USA	(248) 204-8145	www.meadowbrookagency.com
National Interstate Insurance	3250 Interstate Drive Richfield, OH 44286	USA	(330) 659-8900	www.nationalinterstate.com
NBIS NationsBuilders Insurance Services	2859 Paces Ferry Road, Suite 800, Atlanta, GA 30339	USA	(770) 257-1777	www.nbis.com
Neace Lukens	645 E. Missouri Ave., Suite 290, Phoenix, AZ 85012	USA	(480) 308-4717	www.assuredpartners.com
Norman Spencer Agency	800 East Main Street, Suite A, Lansdale, PA 19446	USA	(215) 809-2160	www.norman-spencer.com
Security Insurance Services	P O Box 510925 New Berlin, WI 53151	USA	(262) 785-9490	www.securityins.net
Sentry Insurance	1800 North Point Drive, Stevens Point, WI 54481	USA	(715) 346-6333	www.sentry.com
South Group Insurance Services	812 Hardy Street Hattiesburg, MS 39402	USA	(601) 545-1643	www.southgroup.net
Texans Insurance Group	5050 Quorum Drive, Ste 500, Dallas, TX 75254	USA	(972) 991-6677	www.texasinsurance.com
The Horton Group	645 E Missouri Avenue, Ste 290, Phoenix, AZ 85012	USA	(480) 308-4717	www.thehortongroup.com
USI Insurance Services, LLC	201 Alhambra Circle, Coral Gable, FL 33134	USA	(305) 669-6000	www.usi.biz
Vela Insurance Services	311 South Wacker Dr., Suite 3600, Chicago, IL 60606	USA	(312) 725-7691	www.vela-ins.com
Zurich	7045 College Blvd. Overland Park, KS 66211	USA	(800) 821-7803	www.zurichna.com

MARINE SERVICES

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Lake Michigan Carferry	P.O. Box 708 Ludington, MI 49431	USA	(231) 843-1004	www.ssbadger.com
McDonough Marine Service	1750 Clearview Pkwy., Suite 201 Metairie, LA 70001	USA	(504) 780-8100	www.mcdonoughmarine.com

OEM COMPONENTS

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Allied Power Products	6590 SW Fallbrook Place Beaverton, OR 97008	USA	(503) 626-0654	www.alliedpower.com
Avon Bearing	1500 Nagle Road Avon, OH 44011	USA	(440) 871-2500	www.kaydonbearings.com
Arrowhead Winch	PO Box 547 Broken Arrow, OK 74013	USA	(918) 251-8511	www.arrowheadwinch.com
Bremskerl North America	1640 Shanahan Drive South Elgin,	USA	(847) 289-3460	www.bremskerl.com

Bridgestone/ Firestone Off Road Tire	535 Marriott Drive Suite 800 Nashville, TN 37214	USA	(800) 905-2367	www.bfor.com
Carol Crane Rigging and Lifting Technologies	P.O. Box 5605 Pasadena, TX 77508	USA	(713) 475-7181	www.ccrllt.com
Century Tire	5355 E 39th Avenue Denver, CO 80207	USA	(303) 455-3302	www.centurytireinc.com
Continental Tire North America	1800 Continental Blvd. Charlotte, NC 28273	USA	(704) 583-8825	www.continentaltire.com
Cummins Off Highway	500 Jackson Street Columbus, IN 47202	USA	(812) 377-5000	www.cummins.com
Flash Technology	332 Nichol Mill Lane	USA	(615) 503-2000	www.flashtechology.com
Flite Line USA	12090 Miramar Pkwy Suite 105 Miramar, FL 33025	USA	(954) 433-5617	www.flitelineusa.com
Garrod Hydraulics	1050 Locust Point Road York, PA 17406	USA	(717) 767-6429	www.garrod.com
Hendrickson	500 Park Blvd., Suite 1010 Itasca, IL 60143	USA	(630) 773-9111	www.hendrickson-intl.com
Hercules SLR	520 Windmill Road Dartmouth,	Canada	(902) 482-3125	www.herculeslr.com
Hydra-Slide	5617 4th Line, Rockwood,	Canada	(519) 496-4008	www.hydra-slide.com
Hydraforce Hydraulics	500 Barclay Blvd. Lincolnshire, IL 60069	USA	(847) 793-2300	www.hydraforce.com
JARP Industries	1111 3rd. St. S.E. Waverly, IA 50677	USA	(715) 359-4241	www.jarpind.com
Kaydon Corp Bearings	2860 McCracken Street Muskeon, MI 49441	USA	(800) 514-3066 x378	www.kaydon.com
Kinematics Mfg	2221 W Melinda Lane Phoenix, AZ 85027	USA	(623) 780-8944 x121	www.kinematicsmfg.com
KTSDI	801 E Middletown Road North Lima,	USA	(330) 783-2000	www.ktsdi.com
Loadwise International Ltd.	50, Woolmer Way Bordon, Hampshire GU35 9QF	UK	+44 (0)1420 476500	www.loadwise.co.uk
MICO	1911 Lee Blvd North Mankato,	USA	(507) 625-6426	www.mico.com
MTU Solutions	39525 MacKenzie Dr. Novi, MI 48377	USA	(248) 560-8186	www.mtu-online.com
Palmer Johnson Power Systems	1835 Haynes Drive Sun Prairie, WI 53590	USA	(800) 341-4334	www.pjpower.com
Parker Hannifin	5035 Parkland Blvd Cleveland,	USA	(216) 896-3000	www.parker.com
Prinoth Ltd.	1001 J-A Bombardier Street Granby, QC J2J 1E9	Canada	(819) 421-3099	www.prinoth.com
RBC Bearings	102 Willenbrook Road Oxford, CT 06478	USA	(203) 267-7001	www.rbcbearings.com
Rotek Incorporated	1400 South Chillicothe Road Aurora, OH 44202	USA	(330) 995-7271	www.rottek-inc.com
Simard Suspensions	1064, boul. Mgr-De Laval Baie-Saint-Paul, Quebec G3Z 2W9	Canada	(418) 435-5347	www.simardsuspensions.com
Superior Tire & Rubber Corporation	PO Box 308, 1818 Penna Ave West Warren, PA 16365	USA	(814) 723-2370 x116	www.superiortire.com
TSP (Transport Systems And Products, Inc.)	3101 Oxbow Circle Cocoa, FL 32936	USA	(321) 631-3802	www.tpseinc.com
Universal Industrial Products	900 E Hamilton Ave Ste 100 Campbell, CA 95008	USA	(408) 996-2958	www.ui-pi.com
Watson & Chalin Manufacturing	725 E University Dr McKinney, TX 75070	USA	(972) 547-6020	www.watsonsuspensions.com
Winches Inc.	5070 Ashley Court Houston, TX 77041	USA	(877) 361-8543	www.winchesinc.com

OPERATOR ASSIST DEVICES

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Adeunis NA	65 Pondfield Rd, Suite 14 Bronxville, NY 10708	USA	(914) 337-2167	www.vokkero.com
Allied Safety Systems	5224 W State Rd Sanford, FL 32771	USA	(407) 321-0722	www.sigalarminc.com
Basil Equipment	31312 Via Colinas Ste 109, West Lake Village, CA 91362	USA	(818) 991-9694	www.basilcranes.com
Cattron Group International	58 West Shenango Sharpsville, PA 16150	USA	(724) 962-2630	www.cattron.com
Cervis	140 Thorn Hill Road Warrendale, PA 15086	USA	(724) 741-9000	www.cervisinc.com
Control Chief Corporation	200 Williams Street Bradford, PA 16701	USA	(814) 362-6811	www.controlchief.com
Crane Warning Systems	4443 Holden Street Lakeland, FL 33811	USA	(863) 619-5585	www.cranewarning.com
Cranesmart Systems	4908 97 St. NW Edmonton, AB T6E 5S1	Canada	(780) 437-2986	www.cranesmart.com
Custom Crane Solutions	P O Box 581 Grove City,	USA	(614) 610-4324	www.ccranesolutions.com
Eartec/PortAPhone	P O Box 560 Narragansett, RI 02882	USA	(401) 789-8700	www.eartec.com
HBC-radiomatic	1017 Petersburg Road Hebron, KY	USA	(800) 410-4562	www.hbc-usa.com
Hetronic USA	4300 Highline Blvd Bldg. A, Oklahoma City, OK 73108	USA	(405) 946-3574	www.hetronic.com
Holloway Houston	5833 Armour Drive Houston, TX 77020	USA	(713) 674-5631	www.hhilifting.com
Hydro Electronics Devices (HED)	2120 Constitution Avenue Hartford, WI 53027	USA	(262) 670-5155	www.hedonline.com
Industrial Magnetics	P O Box 80 Boyne City, MI 49712	USA	(231) 582-3100	www.magnetics.com
Intech Video Systems	23301 Vista Grande Dr.	USA	(800) 468-3254	www.intecvideo.com
Intercomp	3839 County Road 116 Minneapolis, MN 55340	USA	(763) 476-2531	www.intercompcompany.com
Liftex Corporation	48 D Vincent Cr Warminster, PA 18974	USA	(800) 478-4651	www.liftex.com
Loadwise International Ltd.	50, Woolmer Way Bordon, Hampshire GU35 9QF	UK	+44 (0)1420 476500	www.loadwise.co.uk
Loadwise	18362 Gothard St Huntington Beach, CA 92648-1227	USA	(714) 841-5662	www.loadwise.com
Magnetek Material Handling	175 Wall Street Glendale Heights, IL 60139-1985	USA	(800) 288-8178	www.columbusmckinnon.com
Magtrol	70 Gardenville Pkwy Buffalo, MN 14224	USA	(716) 668-5555	www.magtrol.com
Markload Systems	1118 N Main St Pearland, TX 77581	USA	(281) 485-8600	www.markload.com
Measurement Systems International	14240 Interurban Ave So. Seattle, WA 98168	USA	(206) 433-0199	www.mscales.com
MTS Sensors	3001 Sheldon Drive	USA	(919) 677-2315	www.mts.com
North West Crane LTD, (NWC)	7015 Sparrow Drive Leduc, AB T9E 7L1	Canada	(780) 980-2227	www.northwestcrane.com
OptiCrane	916 West Broadway	Canada	(604) 813-8392	www.opticrane.com
Professional Service &	P O Box 6506	USA	(706) 561-8500	www.psrinc.biz
RaycoWylie Systems	2440 Dalton Avenue Quebec City, Qc G1P 3X1	Canada	(888) 252-1957	www.raycowylie.com
Scale and Control	33100 US-290 Suite B	USA	(713) 352-3071	www.scaleandcontrol.com
Sigalarm	4150 St. Johns Parkway	USA	(407) 321-0722	www.sigalarminc.com
SIKO Products	2155 Bishop Cir. E. Dexter, MI 48130	USA	(734) 426-3476 ext 212	www.sikoproducts.com

Straightpoint	1221 Avenida Acaso Suite E Camarillo, CA 93012	USA	(805) 246-1462	www.straightpoint.com
Tractel, a division of Griphoist	1615 Warden Ave Toronto, ON M1R 2T3	Canada	(800) 465-4738 x241	www.tractel.com/us
TWG	P O Box 1130 Jenks, OK 74037-1130	USA	(918) 298-8300	www.dovertwg.com
Trimble Inc.	935 Stewart Drive Sunnyvale, CA 94085	USA	(281) 664-1330	www.trimble.com
Water Weights	5139 Brook Street, Ste E, Montclair,	USA	(909) 626-8316	www.imesinc.com
WIKA Mobile Control	1540 Orchard Drive Chambersburg, PA 17201	USA	(717) 217-2200	www.wika-mcs.com

PERMITTING SERVICES

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
AXYS Permits	467 Waterbury Court Gahanna, OH 43230	USA	(614) 471-9400	www.axyspermits.com
Comdata Network	5301 Maryland Way Brentwood, TN 37027	USA	(615) 376-6822	www.comdata.com
Hartill Heavy Haul	P.O. Box 762 Arbuckle, CA 95912	USA	(530) 476-3820	www.hartillheavyhaul.com
High, Wide & Heavy Oversize Escorts	312 Arthur Kill Rd Staten Island, NY 10308	USA	(347) 236-9995	www.highwidenheavy.us
J.J. Keller Permit Service	3003 Breezewood Lane Neenah, WI 54956	USA	(800) 231-5266	www.kellerpermits.com
Mercury Permits	2006 Highland Avenue Las Vegas, NV 89102	USA	(888) 239-7773	www.mercurypermits.net
Morrell Oversize	10752 171st Ave NW Elk River, MN 55330	USA	(763) 441-2011	www.morrelloversize.com
National Truck Services Group	P.O. Box 56666 Phoenix, AZ 85079	USA	(602) 944-5999	www.gontsg.com
New York Truck Escort & Permits	P.O. Box 1814 West Babylon, NY 11704	USA	(631) 669-3742	www.newyorktruckescorts.com
Nova Permits & Pilot Cars	2800 Ave, St-Jean-Baptist, Ste 235 Quebec City, PQ F2E 6J5	Canada	(418) 527-7775	www.novapermits.com
Permit America	116 Collision Center Drive, Ste. B, Frankfort, KY 40601	USA	(866) 573-7648	www.permitamerica.com
Route America	P O Box 1409 Frankfort, KY 40602	USA	(866) 577-6883 x222	www.routeamerica.com
Sky Guard	2506 Lakeland Drive Suite 403 Flowood, MS 39232	USA	(516) 492-0603	www.skyguard.com
State Permits	7049 Mears Gate NW North Canton, OH 44720	USA	(800) 331-4805	www.statepermits.com
Transmit America	14655 California Street Omaha, NE 68154	USA	(402) 493-6156	www.tmanetwork.com
Transport Permits Ltd.	3825 West 9th Street Waterloo, IA 50702	USA	(319) 235-9033	www.tptrucking.com
WCS Permits	150 E. Arrow Highway San Dimas, CA 91773	USA	(888) 737-6483	www.wcspermits.com
West Chester Permit	P O Box 62293 Cincinnati, OH 45262	USA	(800) 734-3544	www.wcpermit.com

PRODUCT SUPPORT/REPAIR

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Bode Technical Services Inc.	234 Columbine Suite 200 Denver, CO 80206	USA	(855) 263-3832	www.bodetechnical.com
BPT Components & Parts Inc	P O Box 4100 Sudbury, ON P3A 5Y9	Canada	(705) 524-8400	www.bpt.on.ca
Certified Boom Repair Service	1902 N. 38th Street Tampa, FL 33605	USA	(813) 247-1963	www.certifiedboomrepair.com

PRODUCT SUPPORT/REPAIR *continued*

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Contractors Service Company	PO Box 2991 Eugene, OR 97402	USA	(541) 556-0517	www.cscparts.com
Doc Bailey Construction Equipment	9131 San Leandro St #110 Oakland, CA 94603	USA	(510) 638-6243	www.888docbailey.com
Domson Engineering & Inspection	190 Wilkinson Road Brampton, ON L6T 4W3	Canada	(905) 789-1326	www.domson.ca
F & M Mafco	P O Box 11013 Cincinnati, OH 45211-	USA	(513) 367-2151	www.fmmafco.com
Flite Line USA	12090 Miramar Pkwy Suite 105 Miramar, FL 33025	USA	(954) 433-5617	www.flitelineusa.com
Garrod Hydraulics Inc.	1050 Locust Point Rd. York, PA 17406	USA	(717) 767-6429	www.garrod.com
Honnen Equipment	5055 E. 72nd Avenue Commerce City, CO 80022	USA	(303) 287-7506	www.honnen.com
KTSDI-Kessler	801 E Middletown Road North Lima, OH 44452	USA	(330) 783-2000	www.ktsdi.com
Nord-Lock Inc.	1000 Greg Street Carnegie, PA 15106	USA	(412) 279-1149	www.nord-lock.com
Pro Mac Mfg.	2940 Jacob Road Duncan, BC V9L 6W4	Canada	(250) 746-5181	www.promac.bc.ca
Professional Service & Repair	P O Box 6506 Columbus, GA 31907	USA	(706) 561-8500	www.psrinc.biz
PVE Cranes & Services	P O Box 12529 Jacksonville, FL 32209	USA	(904) 765-6686	www.pveusa.com
Pyramid Parts	9501 Allen Drive Cleveland, OH 44125-4603	USA	(216) 642-9600	www.pyramid-parts.com
R Baker & Son	190 Boundary Road	USA	(732) 222-3553	www.rbaker.com
Rotor Electric	1385 Main Street North Vancouver, BC V7J 1C4	Canada	(604) 985-7024	www.rotorelevators.com
Servicios De Carga Salerno (SCS) Miami	#PTX T0222, P O Box 527948, Miami, FL 33152-7948	USA	(507) 231-6866	www.salernocranes.com
TVH	16355 S. Lone Elm Rd. Olathe, KS 66062	USA	(913) 829-1000	www.tvh.com
W. L. CraneRepair Inc.	5206 N. Main St. Baytown, TX 77521	USA	(281) 839-6950	www.wlcranesales.com
WHECO Corporation	2989 Kingsgate Way Richland, WA 99354-5311	USA	(800) 937-4772	www.wheco.com

RIGGER TRUCKS

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Custom Mobile Equipment	439 E High Street Baldwin City, KS 66006	USA	(785) 594-7474	www.versa-lift.com
Doral Equipment Rental	427 E Stewart Street Milwaukee, WI 53207	USA	(414) 530-0059	www.doralequipmentrental.com
Dyer Equipment	25975 Hwy. 14 Ault, CO 80610	USA	(970) 454-3784	www.heavyhaultrailers.net
HMS Lift	11 Highlander St.	Canada	(519) 448-1055	www.hmslift.ca
Hydraulic Skidding Systems	12 Highlander Street	Canada	(519) 448-3919	www.hydraulic
Lakeshore Industrial	4514 Browns Drive	USA	(920) 793-2680	www.lakeshorefind.com
Lift Systems	1505 7th Street East Moline, IL 61244	USA	(309) 764-9842	www.lift-systems.com
Orion Forklift Trucks	45 Shepherd Road Oakville, ON L6K 2G6	Canada	(905) 844-4164	www.orionlifts.com
Rigger Lift Mfg	256 Broadcast Drive Spartanburg, SC 39303	USA	(864) 541-0582	www.riggerlift.com
Rig Ready	3229 Oak St., Suite 114	USA	(866) 829-0344	www.rigready.com
Taylor Machine Works	650 N Church Avenue Louisville, MS 39339	USA	(662) 773-3421	www.taylorbigred.com
Trans-American Equipment	P O Box 399 Matthews,	USA	(704) 882-3979	www.trans-american.com
White Blaze Equipment Inc.	150 Shirley Avenue Kitchener, ON N2B 2E1	Canada	(519) 585-1320	www.whiteblazeinc.com

RIGGING GEAR/HARDWARE & WIRE ROPE

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
AAA Rope Splicing	12650 Sibley, P.O. Box 2153, Riverview, MI 48192	USA	(734) 283-1765	www.aaawirerope.com
Abbott & Associates	P.O. Box 1257, East Greenwich, RI 02818	USA	(401) 885-1933	www.vinceabbott.com
Acme Rigging & Supply	3350 North State St., Ukiah, CA 95482	USA	(707) 462-0567	www.acmerigging.com
Actek Manufacturing & Engineering	1110 Fullerton Road, City of Industry, CA 91748	USA	(626) 581-3424	www.actekmfg.com
ADB Hoist Rings Mfg.	5740 Hunt Road, Valdosta, GA 31606	USA	(248) 388-8446	www.americandrillbushing.com
Alabama Sling Center	4101 Hoke Ave., Dolomite, AL 35061	USA	(205) 744-0230	www.mazzellacompanies.com
All Material Handling Inc.	345 N Canal St., Suite C1, Chicago, IL 60606	USA	(877) 543-8264	www.allmaterialhandling.com
Alliance Wire Rope Inc.	408 Gibraltar Drive, Mississauga, ON L5T 2P5	Canada	(905) 564-2995	www.alliancewirerope.com
All-Lifts	27-39 Thatcher Street, Albant, NY 12207	USA	(800) 342-4188	www.all-lifts.com
All-Way Wire Rope & Splicing	P.O. Box 84 #4, Industrial Park Drive, Bowling Green, MD 63334	USA	(800) 920-3330	www.allwayinc.com
ALP Industries	1229 W Lincoln Hwy, Coatesville, PA 19320	USA	(610) 384-1300	www.alpind.com
ALPS Wire Rope Corp.	2530 Production Drive, St. Charles, IL 60174	USA	(630) 893-3888	www.alpswirerope.com
American Riggers Supply	1010 Kansas Ave., Kansas City, KS 66105	USA	(913) 371-1357	www.americanriggers.com
American Rigging	2380 Main St., San Diego, CA, 92113	USA	(619) 233-5625	www.americanriggingsd.com
American Rigging & Supply	555 Choctaw Drive, Baton Rouge, LA 70805	USA	(225) 344-7144	www.ameririgging.com
American Webbing & Fittings	4959 Home Road, Winston-Salem, NC 27106	USA	(336) 767-9390	www.americanwebbing.com
American Wire Rope & Sling	3122 Engle Road, Fort Wayne, IN 46809	USA	(260) 478-4700	www.awrsling.com
Arctic Wire Rope & Supply	6407 Arctic Spur Road, Anchorage, AK 99518	USA	(907) 562-0707	www.arcticwirerope.com
Ashley Sling	7929 Troon Circle, Austell, GA 30168	USA	(404) 691-2604	www.ashleysling.com
Assembly Specialty Products	14700 Brookpark Road, Cleveland, OH 44135	USA	(800) 211-1379	www.assemblyspecialty.com
Associated Wire Rope & Rigging Corp.	8125 Saran Drive, Playa del Rey, CA 90293	USA	(310) 448-5444	www.associatedwirerope.com
Atlas Machinery	1090 W. 2180 North St., Salt Lake City, UT 84116	USA	(801) 322-1300	www.atlas-machinery.com
B.C. Wire Rope & Rigging	2720 East Regal Park Drive, Anaheim,	USA	(800) 669-5919	www.bcwirerope.com
Bairstow Lifting Products Co.	1785 Ellsworth Industrial Drive, Atlanta, GA 30318	USA	(404) 351-2600	www.bairstow.com
Baydar & Associates Inc.	60 Walter Havill Drive, Suite 802, Halifax NS B3N 0A9	Canada	(902) 445-2535	www.baydar.ca
Bilco Wire Rope	1285 Central Ave., Hillside, NJ 07205	USA	(908) 351-7800	www.bilcogroup.com
Bishop Lifting Products, Inc.	125 McCarty Drive, Houston, TX 77029	USA	(713) 674-2266	www.lifting.com
Black Bear Corp.	7688 Carnegie Ave.,	USA	(909) 390-0380	www.blackbearusa.com
Boise Rigging Supply	6750 W. Victory Road, Boise, ID 83715	USA	(208) 342-8919	www.boiserigging.com
Bridon American Corp.	280 New Commerce Blvd, Wilkes-Barre, PA 18706	USA	(570) 822-3349	www.bridonamerican.com
Brown & Perkins, Inc.	P.O. Box 412, Cranbury, NJ 08152	USA	(609) 655-1150	www.brownandperkins.com

RIGGING GEAR/HARDWARE & WIRE ROPE *continued*

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Cable Cisco	7718 Northport Drive, West Sacramento,	USA	(916) 371-6781	www.carpenterrigging.com
Cable Moore, Inc.	P.O. Box 4067, Oakland, CA 94614	USA	(510) 436-8000	www.cablemoore.com
Cableco	9816 Arlee Avenue, Santa Fe Springs, CA 90670	USA	(562) 942-8076	www.cabelcorriging.com
Cableworks, Inc.	58 Highland Drive, P.O. Box 651, Putnam, CT 06260	USA	(860) 928-0475	www.alpindustries.com
The Caldwell Group	4080 Logistic Parkway Rockford, IL 61109	USA	(815) 229-5667	www.caldwellinc.com
Cargo Control USA	P.O. Box 2806, Sanford, NC 27331	USA	(919) 775-5059	www.cargocontrolusa.com
CAROL Crane Rigging & Lifting Technology	P.O. Box 5605, Pasadena, TX 77508	USA	(713) 475-7181	www.ccrilt.com
Carpenter Group	222 Napoleon St., San Francisco, CA 94124	USA	(415) 285-1954	www.carpentergroup.com
Cascade Rigging Inc.	9887 SE Mather Road, Clackamas, OR 97015	USA	(503) 722-7500	www.cascaderigginginc.com
CECA LLC	158 Bails Road, Ripley, MS 38663	USA	(662) 316-3722	www.cecforge.com
Certex Inc	1110 Lockwood St, Houston, TX 77020	USA	(713) 674-3000	www.certex.com
Certified Slings, Inc.	P.O. Box 180127, Casselberry, FL 32718	USA	(407) 331-6677	www.certifiedslings.com
Certified Wire Rope & Testing Inc.	1106 4th St., Nisku, Alberta, T9E 8J2	Canada	(780) 955-9395	www.certifiedwirerope.com
Chicago Hardware & Fixture	9100 Parklane Ave., Franklin Park, IL 60131	USA	(847) 455-6609	www.chicagohardware.com
Cleveland City Forge	46950 State Route 18 West, Wellington, OH 44090	USA	(440) 647-5400	www.clevelandcityforge.com
Coffing Hoists	2020 Country Club Road, Wadesboro, NC 28170	USA	(704) 694-2156	www.columbusmckinnon.com
Columbus McKinnon	205 Crosspoint Parkway Getzville, NY 14068	USA	(716) 689-5400	www.columbusmckinnon.com
Commercial Group Lifting Products	12801 Universal Drive, Taylor, MI 48180	USA	(734) 947-4000	www.cglift.com
Continental Chain	7011 Girard Road, Edmonton, Alberta T6B 2C4	Canada	(780) 437-2701	www.continentalchain.com
Contractors & Industrial Supply	P.O. Box 40391, Nashville, TN 37204	USA	(615) 256-8658	www.cisrigging.com
Coordinated Wire Rope & Rigging	1707 East Anaheim St., Wilmington, CA 90744	USA	(310) 834-8535	www.coordinatedcompanies.com
Coordinated Wire Rope of Hawaii, Inc. dba CWR Hawaii	120 Mokauea St., Suite F, Honolulu, HI 96819	USA	(808) 843-2020	www.cwrhawaii.com
Cortland Company	10633 West Airport Blvd, Suite 300 Stafford, TX 77477	USA	(832) 833-8000	www.cortlandcompany.com
Crosby Canada	145 Heart Lake Road, Brampton, ON L6W 3K3	Canada	(905) 451-9261	www.crosby.ca
DCL Mooring & Rigging	4400 North Galvez Street, New Orleans, LA 70117	USA	(504) 944-3366	www.dcl-usa.com
Dakota Riggers & Tool Supply	704 East Benson Road, Sioux Falls, SD 57104	USA	(605) 335-0041	www.dakotariggers.com
Delta Rigging & Tools	21525 North Hwy. 288B Angleton, TX 77515	USA	(281) 595-4940	www.deltarigging.com
Denver Wire Rope & Supply	4100 Dahlia St., Denver, CO 80216	USA	(303) 377-5166	www.denverwirerope.com
Desert Energy Equipment	P.O. Box 13290, Odessa, TX 79768	USA	(432) 381-3321	www.desertenergy.com
Detroit Hoist & Crane	6650 Sterling Drive N., Sterling Heights,	USA	(800) 521-9126	www.detroithoist.com

Discount Wire & Sling	4836 N.E. 11th Ave., Ft. Lauderdale, FL 33334	USA	(954) 772-7173	www.discountwireandsling.com
Diversified Lifting Systems	4702 Distribution Drive, Tampa, FL 33605	USA	(800) 752-1214	www.diversifiedlifting.com
Doleco USA	290 Pratt St.	USA	(203) 440-1940	www.doleco-usa.com
Dominion Steel Specialties	5301 Polk St., Building 18, Houston, TX 77023	USA	(713) 678-8141	www.dominionsteel.com
Durabilt by Durbin	2545 S. 25th Ave. Broadview, IL 60155	USA	(636) 463-1272	www.durabiltusa.com
E. M. Blue's Sons	P.O. Box 9521, Houston, TX, 77261	USA	(713) 926-6007	www.emblues.com
Ed's Wire Rope & Rigging	11039 I St., Omaha, NE 68137	USA	(402) 614-8811	www.edswirerope.com
Elite Sales	9445 S.W. 40th St., Miami, FL 33165	USA	(305) 262-3105	www.elitesalesinc.com
Elko Wire Rope & Mining Supply	4280 E. Idaho St., Elko, NV 89801	USA	(775) 777-3824	www.elkowirerope.com
Eriez Magnetics	2200 Asbury Road, Erie, PA 16506	USA	(814) 835-6000	www.eriez.com
ESCO Corporation	P.O. Box 10123, Portland, OR 97210	USA	(503) 778-6768	www.escocorp.com
F & M Mafco/QC21 Lifting Products	9149 Dry Fork Road, Harrison, OH 45030	USA	(513) 367-2151	www.qc21slings.com
F.D. Lake Company	P.O. Box 8831 3313 Lousma Drive SE, Grand Rapids, MI 49518	USA	(616) 241-5639	www.fdlake.com
Feeney Inc.	2603 Union Street, Oakland, CA 94607	USA	(800) 888-2418	www.feeneyinc.com
First Sling Technology	1125 West Hwy 152, Suite 113, Mustang, OK 73064	USA	(877) 453-4778	www.firstsling.com
Franklin Offshore Americas	1325 South Creek Dr., Suite 300, Houston, TX 77084	USA	(281) 578-3828	www.franklin.com.sg
French Creek Production	626 13th St., Franklin, PA 16323	USA	(814) 437-1808	www.frenchcreekproduction.com
Fresno Wire Rope & Rigging	2360 S. East Ave. Fresno, CA 93721	USA	(559) 268-8885	www.fresnowirerope.com
Gosan USA	1926 Spearing St. Jacksonville, FL 32201	USA	(904) 350-9191	www.gosanusa.com
Groupe Industriel DL	675 Boulevard Lionel-Boulet, Varenes QC J3X 1P7	Canada	(450) 652-5553	www.groupedl.ca
Gunnebo Johnson Corp.	1240 N. Harvard Tulsa, OK 74115	USA	(918) 832-8933	www.gunnebojohnson.com
Hanes Supply Inc.	55 James E. Casey Drive, Buffalo, NY 14205	USA	(716) 826-2636	www.hanessupply.com
Hercules SLR	520 Windmill Road, Dartmouth, NS B3B 1B3	Canada	(902) 482-3125	www.herculesslr.com
Hercules Wire Rope & Sling	P.O. Box 1769, Houma, LA 70363	USA	(985) 876-5511	www.herculeswirerope.com
Hessville Cable & Sling	1601 Cline Ave., Gary, IN 46406	USA	(800) 779-8466	www.hessvillecable.com
Holland RFID	1340 Burlington, North Kansas City, MO 64116	USA	(816) 268-5749	www.holland1916.com
Holloway Wire Rope	14620 E. Pine St., Tulsa, OK 74116	USA	(918) 582-1807	www.hollowaywirerope.com
Horizon Cable Service	45 North Cooley Drive, Oklahoma City, OK 73127	USA	(405) 789-7125	www.horizoncableinc.com
HWP Rigging	1017 Olive Street, Suite 1000 C St. Louis, MO 63101	USA	(314) 436-9019	www.hwprigging.com
Ideal Wire Rope	13101 S. Alameda St., Compton, CA 90222	USA	(310) 604-1853	www.idealwirerope.com
Indusco Wire Rope & Supplies	1200 W. Hamburg St., Baltimore, MD 21230	USA	(800) 727-0665	www.induscowire.com
Industrial Rigging & Supply	1-25 McLaren Ave., Cambridge, ON N1R 8K9	Canada	(519) 624-9697	www.industrialrigging.ca

RIGGING GEAR/HARDWARE & WIRE ROPE *continued*

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Industrial Splicing & Sling	1842 North 109 East Ave., Tulsa, OK 74116	USA	(918) 835-4452	www.industrialsplicing.com
Industries Lam-E Inc.	1050 Boul, Charest Ouest, Quebec, QB G1N 0A3	Canada	(418) 652-9759	www.lam-e.com
Intercon Enterprises	1125 Fir Ave., Blaine, WA 98230	USA	(800) 665-6655	www.intercononline.com
J.C. Renfroe & Sons	1926 Spearing St., Jacksonville, FL 32201	USA	(904) 356-4181	www.jcrenfroe.com
J. Henry Holland	5931 Thurston Ave., Virginia Beach, VA 23455	USA	(757) 460-3300	www.jhenryholland.com
Jergens, Inc.	15700 S. Waterloo Road, Cleveland, OH 44110	USA	(877) 486-1454	www.jergensinc.com
John A. Batchelor Company	5922 Triumph St., Commerce, CA 90040	USA	(323) 262-4125	www.batchelorinc.com
John Sakash Company	800 Walnut St., Elmhurst, IL 60126	USA	(630) 833-3940	www.johnsakash.com
Jordan Wire Rope	2400 W. 56th, Odessa, TX 79764	USA	(432) 366-6040	
Jtagz	P.O. Box 1084, Yeppoon, QLD 4703	Australia	+61 (1) 49302806	www.jtagz.com
Kennedy Wire Rope & Sling	4202 Dividend Drive, San Antonio, TX 78219	USA	(210) 527-0555	www.kwrs.com
Kentuckiana Wire Rope & Sling Co.	3335 Industrial Parkway, Jeffersonville, IN 47130	USA	(812) 282-3667	www.kwrinc.com
Knight Equipment	P.O. Box 93, 717 N. 15th St., Bowling Green, MO 63334	USA	(573) 324-3212	www.knighteq.com
Kulkoni	502 Garden Oaks Blvd. Houston, TX 77018	USA	(713) 691-1234	www.kulkoni.com
KWS.	P.O. Box 470487, Tulsa, OK 74147	USA	(539) 367-2274	www.kwschain.com
Laclede Chain Manufacturing	1549 Fenpark Drive, Fenton, MO 63026	USA	(636) 680-2320	www.lacledechain.com
Lamco Slings & Rigging I.	4960 41st Street Court, Moline, IL 61265	USA	(309) 764-7400	www.lamcoinc.com
Landmann Wire Rope Products	6500 Goodyear Road, Benicia, CA 94510	USA	(707) 748-1700	www.landmannwire.com
Lift-All Company	1909 McFarland Dr. Landisville, PA 17538	USA	(800) 909-1964	www.lift-all.com
Liftex Corporation	780 Falcon Circle, Suite 105 Warminster, PA 18974	USA	(215) 957-9180	www.liftex.com
Lifting & Rigging Specialty Sales, Inc.	2100 West Drive, Greensburg, PA 15601	USA	(724) 552-0083	www.thechainman.com
Lift-It Manufacturing Company	1603 W. 2nd St., Pomona, CA 91766	USA	(909) 469-2252	www.lift-it.com
LiftPRO International	5959 Seville Road, Duluth, MN 55811	USA	(218) 729-9211	www.liftpro.com
Linton Rigging Gear Supplies	6819 Hwy 311, Sellersburg, IN 47172	USA	(812) 246-3515	www.lrgsupplies.com
LGH	9925 S. Industrial Drive, Bridgeview, IL 60455	USA	(708) 598-4727	www.rentlgh.com
Lone Star Rigging	4175 W. Cardinal Drive, Beaumont, TX 77705	USA	(409) 842-2263	www.lonestarrigging.com
LUBE-A-BOOM	8151 River Bay Drive East, Indianapolis, IN 46240	USA	(317) 501-1104	www.lubeaboom.com
Magna Lifting Products	P.O. Box 2290, Blaine, WA 98231	USA	(360) 392-0432	www.magnalifting.com
Manchester Sling Company	5600 Surrey Square, Houston, TX 77017	USA	(800) 392-5510	www.manchestersling.com
MarcAl Rope & Rigging	P.O. Box 477, 1862 E. Broadway, Alton, IL 62002	USA	(618) 462-0172	www.marcalrigging
Marine & Industrial Supply	150 Virginia St., Mobile, AL 36652	USA	(251) 438-4617	www.marineandindustrial.com

Marine Rigging	552 Beaugard St., Mobile, AL 36603	USA	(251) 432-1212	www.marinerigging.com
Mazzella Lifting Technologies	21000 Aerospace Pkwy, Cleveland, OH 44142	USA	(440) 239-7000	www.mazzellalifting.com
Memphis Chain & Cable Services LLC	581 Pear Ave., Memphis, TN 38107	USA	(901) 524-1100	
Metro Wire Rope Corporation	553 Lehigh Ave., Union, NJ 07083	USA	(908) 964-3690	www.metrowirerope.com
Miami Cordage/Florida Wire & Rigging Works	2475 Northwest 38th St., Miami, FL 33142	USA	(305) 636-3000	www.miamicordage.com
Mid America Industries	7701 St. Clair Ave., East St. Louis, IL 62203	USA	(618) 398-5221	
Midco Sling & Cable	9101 West John Carpenter Fwy, Dallas, TX 75247	USA	(214) 688-0444	www.midcosling.com
Midwest Rigging Supply	2900 Airpark Drive Owensboro, KY 42301	USA	(270) 663-1331	www.mwrigging.com
Mile High Rigging, Inc.	6400 C. Stapleton Drive S., Denver, CO 80216	USA	(303) 322-3277	www.milehighrigging.com
Mill Valley Splicing, Inc.	P.O. Box 615, Belchertown,	USA	(413) 323-6307	www.millvalleysplicing.com
Miller Products	100A Sturbridge Road, Charlton, MA 01507	USA	(508) 248-3941	www.millerproducts.net
Millfield Enterprises Mfg. Ltd/ Wirelock	16 Shelley Road Newburn Ind. Estate, Newcastle-Upon-Tyne,	UK	+44 191 2648541	www.millfield-group.co.uk
Modulift UK	11 New Fields Business Park, Stinsford Road, Poole, Dorset BH17 0NF	UK	+44 1202 621511	www.modulift.com
Moore Sales	2539 Data Drive, Louisville, KY 40299	USA	(502) 491-6868	www.mooresalesinc.net
Muncy Industries	P.O. Box 205, Muncy, PA 17756	USA	(570) 649-5188	www.muncyindustries.com
Murdock Webbing Company	27 Foundry St., Central Falls, RI 02863	USA	(800) 375-2052	www.murdockweb.com
Napco & Associates	P.O. Box 826, Winona, MN 55987	USA	(507) 452-5424	
National Industrial Supply	1201 Rochester Road, Troy, MI 48083	USA	(248) 588-1828	www.nischain.com
Nelson Wire Rope Corp.	3051 Penn Avenue, Hatfield, PA 19440	USA	(215) 721-9333	www.nelsonwirerope.com
New England Crane	2 Cedar St., Lewiston, ME 04240	USA	(888) 450-0477	www.newenglandcrane.com
New Haven Moving Equipment Co.	13571 Vaughn St., San Fernando, CA 91340	USA	(213) 749-8181	www.newhaven-usa.com
Newco Manufacturing	13531 Wyandotte St.,	USA	(816) 942-2860	www.newcomfg.com
Newell Davis Co. Inc.	2962 N. Kerr Ave., Wilmington, NC 28405	USA	(910) 762-3500	www.newelldavis.com
Norex Manufacturing Co. Ltd.	P.O. Box 2951, Sumas, WA 98295	USA	(604) 888-2100	
Northern Metallic Sales (FSJ) Ltd	10407 Alaska Road, Fort St. John, BC V1J 1B1	Canada	(250) 785-6655	www.northernmetallicfsj.com
Oceanside Equipment Ltd	30 Akerly Blvd., Dartmouth, NS B3B 1N1	Canada	(902) 468-4844	
Olsen Chain & Cable	P.O. Box 970, Cokato, MN 55321	USA	(320) 286-2187	www.olsenchain.com
Omaha Slings	4406 South 89th St., Omaha, NE 68127	USA	(402) 331-0911	www.omahaslings.com
Pacific Cargo Control	18200 S.W. Teton Ave., Tualatin, OR 97062	USA	(800) 821-8431	www.pacificcargo.com
Pacific Industrial Supply	1231 S Director St., Seattle, WA 98108	USA	(206) 682-2100	www.pacificindustrial.com
Pacific West Wire Rope	6417 Bandini Blvd., City of Commerce, CA 90040	USA	(323) 724-7724	www.pacwestwirerope.com
Pacific-Gulf Wire Rope, Inc.	1504 Engineers Road, Belle Chasse, LA 70037	USA	(504) 341-0066	www.pacificgulfwirerope.com

RIGGING GEAR/HARDWARE & WIRE ROPE continued

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Paducah Rigging	4150 Cairo Road, Paducah, KY 42001	USA	(270) 443-3863	www.paducahrigging.com
Page Wire Rope & Slings, Inc.	101 Gallier St., Lafayette, LA 70506	USA	(337) 234-0353	www.pagewirerope.com
Peerless Industrial Group	P.O. Box 5349, 1416 E Sanborn St., Winona, MN 55987	USA	(800) 533-8056	www.peerlesschain.com
Pewag	600 W Crossroads Pkwy., Bolingbrook, IL 60440	USA	(800) 526-3924	www.pewagchain.com
Pfeifer Wire Rope	600 Industry Drive, Hampton, VA 23661	USA	(757) 825-2544	www.pfeifer.us.com
Phoenix Wire Rope & Rigging	700 Cedar Bay Road, Jacksonville, FL 32218	USA	(904) 367-1842	www.phoenixrope.net
Precision Installations & Services	30660 8 Mile Road, Farmington, MI 48336	USA	(248) 478-6353	www.precisionriggers.com
Premier Wire Rope	5048 Timber Creek Drive, Houston, TX 77017	USA	(713) 979-5300	www.premierwirerope.com
Python America/ASC	1406 W 175th St., East Hazel Crest,	USA	(708) 647-4900	www.ascindustries.com
Rasmussen Equipment	8727 5th Avenue S., Seattle, WA 98108	USA	(206) 762-3700	www.rasmussenco.com
Redaelli Wire Ropes	Via A Volta 16, Cologno M.se,	Italy	(864) 414-9348	www.redaelli.com
Reel-O-Matic, Inc	6408 S. Eastern Ave., Oklahoma City, OK 73149	USA	(405) 672-0000	www.reelomatic.com
Ribbon Webbing Corp.	4711 W. Division St., Chicago, IL 60651	USA	(773) 287-1221	www.ribbonwebbing.com
Richerson and Associates	P.O. Box 8540, Mandeville, LA 70433	USA	(985) 867-1415	www.richersonrep.com
Rigging & Tools	2031 Lee Ave., Bismark, ND 58504	USA	(701) 224-1122	www.riggingandtools.com
Rockford Rigging ,Inc.	5401 Main Sail Drive, Roscoe, IL 61073	USA	(815) 877-0007	www.rockfordrigging.com
Rocky Mountain Wire Rope & Rigging	2421 S. 2570 West, Salt Lake City, UT 84119	USA	(801) 972-4972	www.rmwr.co
Roughrider Rigging, Ltd.	118 Faithful Crescent, Saskatoon, SK S7K 8H8	Canada	(306) 651-1834	www.saturnind.com
Rouster Wire Rope & Rigging	102 Ridge St., Mabscott, WV 25871	USA	(304) 252-6031	www.rousterwrr.com
RUD	P.O. Box 367, Hiawatha, IA 52233	USA	(319) 294-0001	www.rud.com
Safe 'N Secure USA	2673 Freewood Drive, Dallas, TX 75220	USA	(214) 358-4565	www.safensecureusa.com
Safety Clamps	233 Santa Barbara Ave., Jacksonville, FL 32254	USA	(800) 456-2809	www.safetyclamps.com
Safety Sling Company	909 Fulton Street, Pittsburgh, PA 15233	USA	(412) 231-6684	www.safetysling.com
Sam Winer Motors	3417 E. Waterloo Road, Akron, OH 44312	USA	(330) 628-4881	www.samwinermotors.com
Samsel Supply Co.	1285 Old River Road, Cleveland, OH 44113	USA	(800) 892-8012	www.samselsupply.com
Samson Rope Technologies	2090 Thornton Street, Ferndale, WA 98248	USA	(360) 384-4669	www.samsonrope.com
Saturn Industries Ltd.	37 Sylvan Way, Winnipeg, Manitoba R2R 1V9	Canada	(204) 633-1529	www.saturnind.com
Sea-Fit	4745 River Road, Jefferson, LA 70121	USA	(504) 736-9477	www.sea-fit.com
Sea-Land Distributors	4745 River Road, Jefferson, LA 70121	USA	(504) 736-9477	www.sea-landdistributors.com
SG Consulting	3709 Clearwater Lane, Brookhaven, PA 19015	USA	(610) 876-3445	www.sg-consultants.com
Sharrow Lifting Products	301 Country Road E2 West, New Brighton, MN 55112	USA	(651) 489-1341	www.ccsharrow.com

Sheave Source	P.O. Box 100368, 4264 Underwood Industrial Drive, Birmingham, AL 35210	USA	(205) 956-7005	www.sheavesource.com
Sheaves Inc.I	195 Leonard Drive, Groton, CT 06340	USA	(866) 344-6774	www.esheaves.com
Silver State Wire Rope & Rigging	8740 S. Jones Blvd., Las Vegas, NV 89139	USA	(702) 597-2010	www.sswr.net
Sling Tech	124 Brock St., Barrie, ON L4N 2M2	Canada	(705) 719-4899	www.slingtech.com
Sling-Choker Manufacturing Ltd.	605 Rennie Street, Hamilton, ON L8H 3P8	Canada	(905) 545-5025	www.slingchoker.com
Slingmax Rigging Solutions	205 Bridgewater Road Aston, PA 19014	USA	(610) 485-8500	www.slingmax.com
Solutio LLC	14819 S.W. Frwy, Suite 301-325, Sugar Land, TX 77478	USA	(281) 773-5001	
Source Atlantic Hydraulics, Rigging and Rubber	P.O. Box 967, 331 Chelsey Drive, New Brunswick E2L 4E4	Canada	(506) 648-2620	www.sourceatlantic.ca
Southeast Rigging, Inc.	1645 Jessie St., Jacksonville, FL 32206	USA	(904) 355-3423	www.southeastrig.com
Southern Weaving Co.	P.O. Box 487, Greenville, SC 29602	USA	(864) 240-9325	www.southernweaving.com
Southern Wire Corp.	8045 Metro Road, Olive Branch, MS 38654	USA	(662) 893-4644	www.southernwire.com
Southwest Ocean Services	5721 Harvey Wilson Drive, Houston, TX 77020	USA	(713) 671-9101	www.swos.net
SpanSet, Inc.	3125 Industrial Drive, Sanford, NC 27332	USA	(501) 658-9665	www.spanset-usa.com
Suncor Stainless	70 Armstrong Road, Plymouth, MA 02360	USA	(508) 732-9191	www.suncorstainless.com
Superlift Wire Ropes USA, LLC	836 Registry Terrace, Kennesaw, GA 30152	USA	(678) 575-5182	
Tandemloc, Inc.	824 Hwy 101, Havelock, NC 28532	USA	(800) 258-7324	www.tandemloc.com
Tennessee Sling Center	3501 Clio Ave., Chattanooga, TN 37407	USA	(423) 634-9005	www.tennesseeslingcenter.com
TEUFELBERGER Holding AG	Vogelweiderstrasse 50, 4600 Wels	Austria	+43 7242 615-0	www.teufelberger.com
The Crosby Group	2801 Dawson Road Tulsa, OK 74110	USA	(800) 772-1500	www.thecrosbygroup.com
The Indusco Group	1200 West Hamburg St., Baltimore, MA 21230	USA	(800) 727-0665	www.induscogroup.com
The Rigging Box, Inc.	8480 Terminal Road, Lorton, VA 22079	USA	(703) 339-7575	www.theriggingbox.com
The Ulven Companies/Skookum	P.O. Box 280, Hubbard, OR 97032	USA	(503) 651-3175	www.ulvencompanies.com
Timco, Inc.	2 Greentown Road, Buchanan, NY 10511	USA	(905) 691-7102	www.timco-eng.com
Tractel Inc., Div of Griphoist	1615 Warden Ave., Toronto, ON M1R 2T3	Canada	(800) 465-4738	www.tractelnorthamerica.com
Trinity Sling Authority, Inc.	2201 E. Loop 820 North, Fort Worth, TX 76118	USA	(817) 589-2404	www.trinitysling.com
Tri-State Wire Rope & Supply	2425 West Bridger Road, Salt Lake City, UT 84104	USA	(801) 954-0300	www.tristatewirerope.com
Tulsa Chain Inc.	12820 S. Memorial Drive, Unit 126, Bixby, OK 74008	USA	(918) 392-2829	www.tulsachain.com
Ultra-Safe, Inc.	2339 N. 34th Drive, Phoenix, AZ 85009	USA	(602) 484-7713	www.ultrasafeusa.com
Unalloy / IWRC	737 Oval Court, Burlington, ON L7L 6A9	Canada	(905) 790-3112	www.unalloy-iwrc.com
Union Sling Company	P.O. Box 565301, Dallas, TX 75356	USA	(800) 999-6207	www.unionsling.com
Uniropo	3070 Universal Drive, Mississauga, ON L4X 2CB	Canada	(905) 624-5131	www.uniropo.com

RIGGING GEAR/HARDWARE & WIRE ROPE *continued*

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Unitex Group USA	P.O. Box 455, 104 Hurrican Creek Road, Piedmont, SC 29673	USA	(864) 846-8690	www.unitexusa.com
USHA Martin Americas, Inc.	701 Plastics Ave., Houston, TX 77020	USA	(713) 676-1800	www.ushamartin.com
Van Beest USA LLC	P.O. Box 96529, 1357 Sheffielde Blvd., Houston, TX 77015	USA	(713) 674-5753	www.vanbeest.nl
Verope USA	11018 Pleasantville Drive, Houston, TX 77029	USA	(832) 831-0132	www.verope.com
Visco Inc.	P.O. Box 67127, Lincoln, NE 68506	USA	(402) 489-6492	www.viscoinc.com
Voto Manufacturers Sales Company	P.O. Box 1299, 500 N. Third St., Steubenville, OH 43952	USA	(740) 282-3621	www.votosales.com
Washington Wire Rope	8411 Irvington Blvd., Houston, TX 77022	USA	(800) 332-2376	www.wwirerope.com
WESCO Industries	Unit 1, 9663 - 199 A St., Langley, BC V1M 2X7	Canada	(604) 881-3000	www.wescovan.com
West Coast Wire Rope & Rigging Inc.	2900 N.W. 29th Ave., Portland, OR 97210	USA	(800) 275-0482	www.wcwr.com
West Equipment Co., Inc.	1545 E. Broadway, Toledo, OH 43605	USA	(419) 698-1601	www.thewestequipment.com
Western Sling & Supply Co.	P.O. Box 208, Sedalia, CO 80135	USA	(303) 688-0978	www.westernsling.com
Wireco	2400 W 75th St. Prairie Village, KS 66208	USA	(816) 270-4700	www.wireco.com
Wire Rope Industries	5501 Trans-Canada Hwy., Pointe-Claire, QC H9R 1B7	Canada	(514) 426-6647	www.wirerope.com
Wire Rope Technology	Grunenthaler. 40a, 52072 Aachen	Germany	+49 241 173147	www.ropetechnology.com
Wirerope Works, Inc.	100 Maynard St., Williamsport, PA 17701	USA	(570) 327-4206	www.wvrope.com
Wisconsin Lifting Specialists, Inc.	P.O. Box 1621, 2033 W. St. Paul Ave., Milwaukee, WI 53201	USA	(414) 342-7475	www.masterrigging.com
Worldwide Enterprises, Inc.	70 Commercial Way, East Providence, RI 02914	USA	(888) 297-3900	www.wvwirerope.com
Yale Cordage	77 Industrial Park Road	USA	(207) 282-3396	www.yalecordage.com
Yarbrough Cable Service	P.O. Box 70184, 950 Stage Ave., Memphis, TN 38107	USA	(800) 395-5438	www.yarcable.com
Yoke Inc.	12850 E. Florence Ave., Sante Fe Springs, CA 90670	USA	(562) 903-1409	www.yoke.net

SAFETY EQUIPMENT AND PRODUCTS

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Allied Safety Systems	4150 Saint Johns Parkway, Suite 1002 Sanford, FL 32771	USA	(407) 543-0388	www.signalarminc.com
CM Labs	645 Wellington Street	Canada	(514) 287-1166	www.cm-labs.com
Custom Crane Solutions	P O Box 581 Grove City,	USA	(614) 610-4324	www.ccranesolutions.com
Dr. Shrink, Inc.	315 Washington St Manistee, MI 49660	USA	(231) 723-2685	www.dr-shrink.com
Eartec Co.	145 Dean Knauss Drive Narragansett, RI 02882	USA	(401) 782-4966	www.eartec.com
Etiflex Corp	2500 E Hallandale Beach Boulevard Hallandale Beach, FL 33309	USA	(305) 824-9078	www.etiflex.com
GoLight Inc.	37146 Old Highway 17 Culbertson, NE 69024-8226	USA	(308) 278-3131	www.golight.com
Infochip Systems Inc.	#203, 1122- 3rd Ave South, Lethbridge, AB T1J 0J6	Canada	(877) 747-2448	www.infochip.com

Insulatus Inc.	708 Marks Road, Ste B Valley City, OH 44280	USA	(216) 925-5387	www.insulatus.com
Keytroller	3907 W. Martin Luther King Blvd, Tampa, FL 33614	USA	(813) 877-4500	www.keytroller.com
Lynn Safety	367 Civic Dr, Ste 8 Pleasant Hill, CA 94523	USA	(925) 609-7646	www.lynnsafety.com
Moore Sales Inc.	2539 Data Drive Louisville, KY 40299	USA	(502) 491-6868	www.mooreSalesinc.net
MTS Sensors	3001 Sheldon Drive Cary, NC 27513	USA	(919) 677-2315	www.mtssensors.com
National Truck Services Group	1622 N Black Canyon Hwy Phoenix, AZ 85009	USA	(602) 944-5999	www.gontsg.com
Orlaco Products B.V. North America	33 Confederate Avenue Jasper, GA 30147	USA	(706) 301-9227	www.orlaco.com
Pacific Systems Solutions	330 Uluniv St, Ste C Kailua, HI 96734	USA	(804) 869-2140	www.hookcam.com
Safety Resources Unlimited, Inc.	4800 S.W. 20th Street Oklahoma City, OK 73128	USA	(405) 681-0407	www.sruinc.org
Sigalarm SMIE	4150 St. John's Parkway 151-217 Voie H	USA France	(407) 321-0722 +33 182770070	www.sigalarminc.com www.smie.com
Tech Safety Lines	3204 Skylane Dr, Ste D Carrollton, TX 75006	USA	(214) 987-4680	www.techsafetylines.com
Tecsis GmbH	Carl-Legien-Strasse 40 Offenbach am Main, 63073	Germany	49-69-5806-9480	www.tecsis.de
The Center for Construction Research and Training	8484 Georgia Ave. Suite 1000 Silver Spring, MD 20910	USA	(301) 495-8523	www.cpwrc.com
The Equipment Lock Co.	P O Box 4308 Winchester, VA 22604	USA	(540) 722-1011	www.equipmentlock.com
Transportation Safety Apparel	14B Cardinal Street Hilton Head, SC 29926	USA	(843) 686-4046	www.tsasafety.com
Unimar	3195 Vickery North Syracuse, NY 13212	USA	(315) 579-3777	www.unimar.com
Vita Industrial	295 Interlocken Blvd, Suite 100 Broomfield, CO	USA	(833) 600-8482	www.vitaindustrial.com

SOFTWARE - LIFT PLANNING/FLEET MANAGEMENT

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
A1A Software	1577 S. 8th St. Fernandina Beach, FL 32034	USA	(904) 430-0355	www.A1ASoftware.com
Alert Management Systems	617 N 17th St., Suite 250, Colorado Springs, CO 80904	USA	(719) 634-7755	www.alert-ims.com
AnyDATA Corp	5 Oldfield Irvin, CA 92618	USA	(949) 900-6040	www.anydata.com
Avontus Software Corp.	2150 Shattuck Ave, Suite 750 Berkeley, CA 94704	USA	(800) 848-1860	www.avontus.com
Cervis, Inc.	170 Thorn Hill Road Warrendale, PA 15086	USA	(724) 741-9000	www.cervisinc.com
CIE-Tech Inc.	5990 Auteuil Avenue Brossard, QC J4Z 1N2	Canada	(450) 923-1458	www.loadxpert.com
Computer Ease	6460 Harrison Ave, Ste 200	USA	(800) 544-2530	www.construction-software.com
Critigen	6161 S Syracuse Way Greenwood Village, CO 80111	USA	(303) 7060990	www.critigen.com
Distributor Computer Systems	623 Fellowship Road Mt Laurel, NJ 08054	USA	(856) 813-1750	www.dcs-success.com
EvokedSet Limited	Davidson House, Berkshire RG1 3EU	UK	+44 (0) 844 870 8025	www.evokedset.com
Fleet Cost & Care	865 S Fort Street Detroit, MI 48217	USA	(800) 281-9445	www.fleetcostcare.com

SOFTWARE - LIFT PLANNING/FLEET MANAGEMENT continued

COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
Fleet Management Solutions Inc.	3426 Empresa Dr, Ste 100, San Luis Obispo,	USA	(805) 787-0508	www.fmsgps.com
Genisys Software Inc.	8601 73rd Ave N - Suite 21, Brooklyn Park,	USA	(763) 391-6133	www.genisys.com
Haag Engineering Co.	625 Industrial Blvd. Sugar Land,	USA	(281) 313-9700	www.haagengineering.com
Hook Cam / Pacific Solutions	330 Uluniv St, Ste C Kailua, HI 96734	USA	(804) 869-2140	www.hookcam.com
InfoChip Systems Inc.	111 Northwood Circle Wetaskiwin,	Canada	(877) 747-2448	www.infochip.com
LiftPlanner Software	105 Geneva Blvd Burnsville, MN 55306	USA	(952) 435-6126	www.liftplanner.com
McLeod Software	2550 Acton Road Birmingham, AL 35243	USA	(877)362-5363	www.McLeodSoftware.com
N4 Systems Inc.	111 Queen Street East, Suite 240, Toronto, ON M5C 1S6	Canada	(647) 477-6975	www.n4systems.com
Netarus	4855 Brookside Ct. Unit B	USA	(757) 819-4600	www.hoistcam.com
Orion Software	6000 Cote-des-Neiges, Suite 240, Montreal, Quebec H3S 1Z8	Canada	(514) 484-9661	www.orion-soft.com
PeopleNet	4400 Baker Road Minnetonka, MN 55343	USA	(888) 346-3486	www.peoplenetonline.com
Point of Rental Software	1901 N State Hwy 360, Ste 340, Grand Prairie, TX 75050	USA	1-(800)-944-7368	www.point-of-rental.com
ProMiles Software	P O Box 398 Bridge City, TX 77611	USA	(409) 697-2587	www.promiles.com
Qualcomm	5775 Morehouse Dr. San Diego, CA 92121	USA	(858) 587-1121	www.qualcomm.com
Rental Result Group	Unit B4, Lowfields Close Elland West, Yorkshire HX5 9DX	UK	+1 (480) 777 7130	www.rentalresult.com
RMI Corporation	40 Darling Drive Avon, CT 06001	USA	(800) 252-5011	www.rmiusa.com
Senarc Systems, LLC - Visual Dispatch	979 Doral Dr., Suite 1419,	USA	(877) 736-2722	www.senarc.com
SENSIM Inc.	5990 Ave Auteuil	Canada	(450) 923-1458	www.loadxpert.com
Sky Guard	2506 Lakeland Dr, Suite 403,	USA	(516) 492-0603	http://www.skyguard.com
SmartEquip Inc.	83 East Ave Ste 101 Norwalk, CT 06851	USA	(203) 604-1311	www.smartequip.com
Solutions By Computer	191 Chestnut Street Springfield, MA 01103	USA	(413) 737-0499	www.solutionsbycomputer.com
Tekla	1075 Big Shanty Rd NW, Suite 175, Kennesaw, GA 30144	USA	(770) 426-5105	www.tekla.com
Telogis	20 Enterprise, Ste 100 Aliso Viejo, CA 92656	USA	(949) 389 5500	www.telogis.com
Texada Software	7B-291 Woodlawn Rd W Guelph, ON N1H 7L6	Canada	(519) 836-7073	www.texadasoftware.com
The JobClock	27001 Agoura Rd, Suite 280, Calabasas, CA 91301	USA	(888) 788-8463	www.exaktime.com
The Karma Group	118 S. Adams St. Green Bay, WI 54313	USA	(920) 432-6685	www.attainkarma.com
Timmons Group	117 S. 14th Street, Suite 303, Richmond, VA 23219	USA	(804) 521-1065	www.timmonsgis.com
WennSoft	5355 S. Moorland Street New Berlin, WI 53151-1187	USA	(262) 821-4100	www.wennsoft.com

Visual Dispatch	979 Doral Drive Bartlett, IL 60103	USA	(877) 736-2722	www.senarc.com
Wet Collect	1001 Boulders Parkway, Suite 300, Richmond, VA 2322	USA	(804) 200-6438	www.wetcollect.com
WrightPlan Incorporated	30 Dupont St. East, Ste 204, Waterloo,	Canada	(519) 489-2320	www.wrightplan.com
Wynne Systems Inc.	2603 Main Street, Suite 710, Irvine, CA 92614	USA	(949) 224-6300	www.wynnesystems.com

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COMPANY NAME	ADDRESS	COUNTRY	PHONE	WEBSITE
American Heavy Moving & Rigging	11532 East End Avenue Chino, CA 91710	USA	(909) 590-5662	www.americanheavymoving.com
Bardex Corporation	6300 Lindmar Drive Goleta, CA 93117	USA	(805) 964-7747	www.bardex.com
Bigge Crane & Rigging	10700 Bigge Avenue San Leandro, CA 94577	USA	(510) 638-8100	www.bigge.com
Buckingham Structural Moving Equipment	10 Birch Lane Bernville, PA 19506	USA	(610) 488-8969	www.buckinghamequipment.com
Columbus McKinnon Corp.	205 Crosspoint Pkwy Getzville, NY 14068	USA	(716) 689-5400	www.cmworks.com
Cometto S.p.A.	Via Cuneo, 20	Italy	+39 0171 263300	www.cometto.com
Edwards Moving & Rigging, Inc.	200 Everett Hall Road	USA	(502) 633-1961	www.edwardsmoving.com
Enerpac	N86 W12500 Westbrook Crossing, Menomonee Falls,	USA	(262) 293-1684	www.enerpac.com
Engineered Rigging	300 Industrial Blvd Russellville, AR 72802	USA	(219) 712-4579	www.engineeredrigging.com
Engineered Heavy Services	4116-34th Avenue NE, # B, Everett, WA 98205	USA	(425) 259-0213	www.genps.net
EzRig Crane	1500 Palma Dr. 2nd Floor, Ventura, CA 93003	USA	(805) 643-4387	www.ezrigcrane.com
Fagioli Inc.	21310 Highway 6 Manvel, TX 77578	USA	(281) 997-3434	www.fagioli.com
Faymonville Distribution	Duarrefstrooss 8, L-9990 Weiswampach	Luxembourg	352 26 90 04 155	www.faymonville.com
GKS Lifting & Moving Solutions	300 East Auburn Avenue Springfield, OH 45505	USA	(937) 324-8867	www.gksweb.com
Goldhofer Inc.	7401 Riviera Boulevard	USA	(954) 668-2380	www.goldhofer.us
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J&R Engineering Co. Inc.	538 Oakland Avenue Mukwonago, WI 53149	USA	(262) 363-9660	www.jrengco.com
Kitchen's Crane & Equipment	7913 Dunnottar Ct. Chesterfield, VA 23838	USA	(804) 814-4844	www.kitchensequipment.com
Lampson International	607 E. Columbia Drive Kennewick, WA 99336	USA	(509) 586-0411	www.lampsoncrane.com
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Lift Systems, Inc.	P O Box 906 Moline, IL 61266	USA	(309) 764-9842	www.lift-systems.com

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Mid-Atlantic Lift	309 Roxbury Industrial Court Charles City, VA 23030	USA	(804) 387-9373	www.midatlanticlift.com
Mi-Jack Products	3111 W 167th Street Hazel Crest, IL 60429	USA	(708) 596-5200	www.mi-jack.com
Modulift UK Ltd	11 New Fields Business Park Stinsford Rd, Poole	UK	(0) 1202 621511	www.modulift.com
Power Pusher	546-2895 Derry Road East Mississauga, ON L4T 1A6	Canada	(905) 764-6942	www.pushorpull.com
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ACRA Enterprises	5950 Red Arrow Hwy	USA	(269) 429-6240	www.acratech.com
All Crane Training USA Inc.	9131 San Leandro Street #110, Oakland, CA 94603	USA	(510) 638-6243	http://actuinc.com
All Test & Inspection	9998 Goodhue St N E Blaine, MN 55449	USA	(763) 780-2312	www.alltest.com
American Crane Training & Consulting	PO Box 760 Claremont, CA 91711	USA	(805) 314-4121	www.americancranetraining.com
American International Crane Bureau - AICB	12514 Woody Road Pearland, TX 77581	USA	(281) 871-1863	www.cranebureau.com
American Test Center	2773 Prairie Drive River Falls, WI 54022-0408	USA	(800) 451-9087	www.atctest.com
Apprenticeship & Skill Improvement Program	19800 W South Arsenal Rd Wilmington, IL 60481	USA	(815) 722-3201	www.asiplocal150.org
Arxcis Inc.	PO Box 689 Kingston, WA 98346	USA	(360) 297-3693	www.arxcis.com
Associated Training Services	7190 Elder Lane Sun Prairie, WI 53590	USA	(608) 354-0765	www.operator-school.com
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Barth Crane Inspections LLC	P O Box 1493 Goose Creek, SC 29445	USA	(843) 871-8877	www.craneoperator.com
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California Crane School	111 Bank Street #254 Grass Valley, CA 95945	USA	(888) 967-7277	www.californiacraneschool.com
Cairo Marine Service	P.O. Box 620 Jackson, MO 63755	USA	(573) 243-6772	www.cairomarineservice.com
CH C&R Consultants	277 Brazos Way Caldwell, TX 77836	USA	(979) 272-0478	www.chcrane.com
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CM Labs Simulations	645 Wellington, #301 Montreal, Quebec H2Y 1V3	CANADA	(514) 287-1166	www.cmworks.com/training
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Hite Services Limited	790 Lapointe St Sudbury, ON P3A 5N8	Canada	(705) 524-5333	www.hiteservices.com
Industrial Training International, Inc.	9428 Old Pacific Highway Woodland, WA 98674	USA	(800)727-6355	www.iti.com
Industrial Training Solutions	742 Magnolia Street, Suite B, Madison,	USA	(800) 975-8853	www.industrial-training- solutions.com
Industry Training Authority	8th Floor – 8100 Granville Avenue, Richmond, B.C. V6Y 3T6	Canada	(866) 660-6011	www.itabc.ca
Institute for Safety and Health Management	4841 E County One-Fourth St. Yuma, AZ 85365	USA	(877) 201-4053	www.ishm.org
International Training & Safety LLC	17892 Scotia Circle Huntington Beach,	USA	(714) 585-1280	www.trainmesafe.com
Ironworkers International Union	1750 New York Avenue NW Washington,	USA	(800) 545-4921	www.ironworkers.org
IPT Publishing & Training	P O Box 9590 Edmonton, AB T6E 5X2	Canada	(780) 962-4819	www.iptbooks.com
KC Training Technology	2543 Dixie Hwy Lakeside Park, KY 41017	USA	(859) 331-5564	www.kctrainingtechnology.com
Kissimee Crane School	1735 N Lane Ave	USA	(407) 931-0015	www.kisscranes.com
Lift-It Manufacturing Co, Inc.	1603 West Second Street Pomona, CA 91766	USA	(909) 469-2251	www.lift-it.com

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Morrow Training Center	3218 Pringle Rd SE Salem, OR 97302	USA	(503)585-5721	www.morrow.com
National Commission for the Certification of Crane Operators (NCCCO)	2750 Prosperity Avenue, Suite 505, Fairfax, VA 22031	USA	(703) 560-2391	www.nccco.org
National Crane Inspection	4204 Plainville Road Cincinnati, OH 45245	USA	(513) 271-8608	www.nationalcraneinsp.com
National Crane Services	9423 S Orange Avenue Orlando, FL 32824	USA	(407) 856-9990	www.natlcrane.com
Nationwide Crane Training	7655 Aspen Creek Court Washoe Valley, NV 89704	USA	(877) 628-2726	www.nationwidecranetraining.com
NCCER	13614 Progress Boulevard Alachua, FL 32615	USA	(888) 622-3720	www.nccer.org
North American Crane Bureau	930 Williston Park Point Lake Mary, FL 32746	USA	(800) 654-5640	www.cranesafe.com
Occupational Safety Training Systems Inc.	14650 Central Avenue Chino, CA 91710	USA	(909) 468-3602	www.ostsinc.com
Operating Eng. Training Institute	12580 County Road 2, Box 636, Morrisburg, ON K0C 1X0	Canada	(613) 543-2911	www.oetio.com
Operator Network	9351 Jerome Road Dublin, OH 43017	USA	(614) 558-1793	www.operatornetwork.com
Overton Safety Training, Inc.	P.O. Box 6297 Aloha, OR 97007	USA	(866) 531-0403	www.overtonsafety.com
Professional Service & Repair Inc. (PSR Inc.)	P O Box 6506 Columbus, GA 31907	USA	(706) 561-8500	www.psrinc.biz
Quad City Testing Laboratory, Inc.	21112 Scott Park Road Davenport, IA 52807-9330	USA	(563) 391-8500	www.testlab1.com
RHTC, Inc.	309 Smith Street	USA	(318) 330-9000	www.rhtcinc.com
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R Spec Crane Inspectors	21 High Street Plainville, MA 02762	USA	(508) 212-4735	www.cranedecals.com
Safety Provisions Inc.	343 E. 4th N Ste 245 Rexburg, ID 83440	USA	(360) 930-9247	www.hardhattraining.com
Safety Resources Unlimited Inc.	4800 S W 20 th St Oklahoma City, OK 73128	USA	(405) 681-0407	www.sruinc.org
Stephenson Equipment Inc.	7201 Paxton Street Harrisburg, PA 17111	USA	(800) 325-6455	www.stephenson equipment.com
The Center for Construction Research and Training	8484 Georgia Ave. Silver Spring, MD 20910	USA	(301) 578-8500	www.cpwrr.com
The Crane School	210 Homestretch Blvd Deland, FL 32724	USA	(386) 668-8887	www.thecraneschool.com
The Safety Zone	PO Box 85, 139 Industrial Park Centerbrook, CT 6409	USA	(800) 821-5702	www.safety-zone.com
Total Crane Services Ltd	14660 1H-10W Orange, TX 77632	USA	(409) 842-1500	www.totalcraneservices.com
Tower Crane Inspection Bureau	P O Box 111108 Naples, FL 34108	USA	(239) 961-7401	www.towercraneinspection bureau.com
Tower Crane School of Phoenix	16609 S 14th Street Phoenix, AZ 85048	USA	(602) 541-0364	www.towercraneschool phoenix.com
TSC Training Academy	36-06 43rd Avenue Long Island City, NY 11101	USA	(718) 389-2103	www.tsctrainingacademy.com
Turner Safety	6759 Sierra Ct. #B Dublin, CA 94568	USA	(510) 742-7460	www.steveturnersafety.com
West Coast Training Inc.	P O Box 970, Woodland, WA 98674	USA	(360) 225-6787	www.heavyequipmenttraining.com
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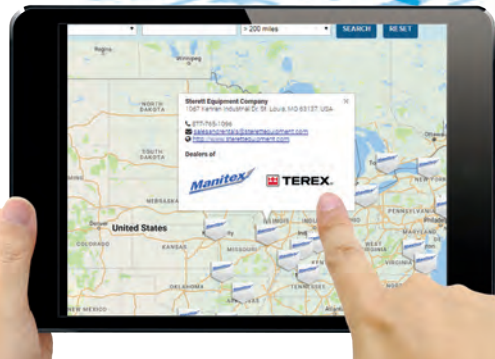
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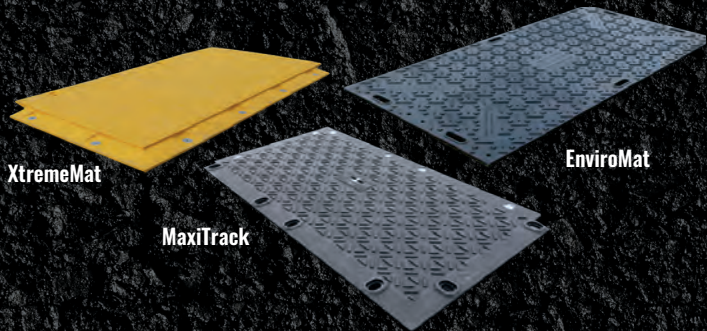
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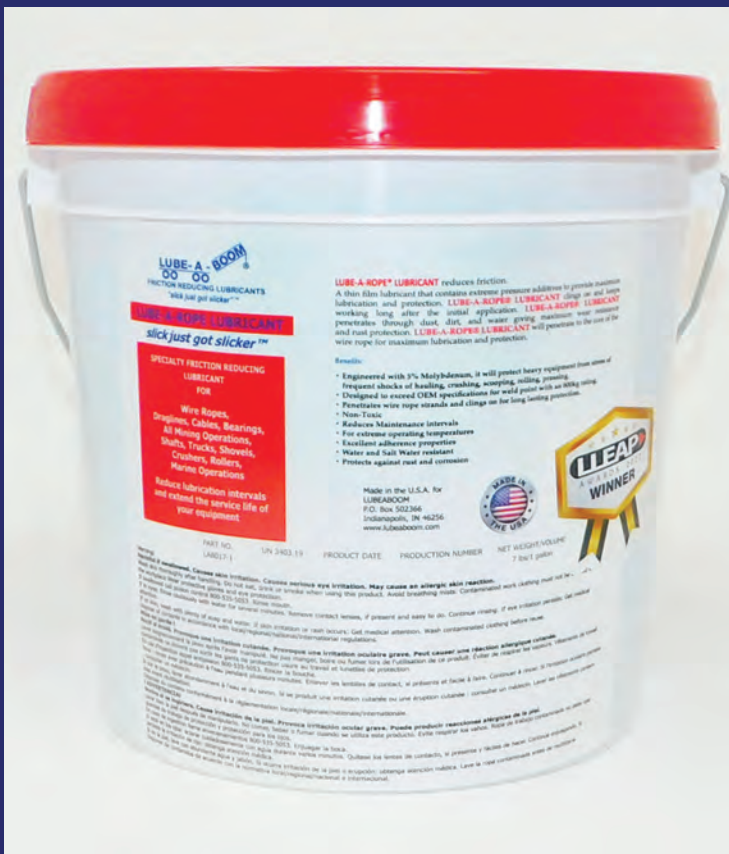
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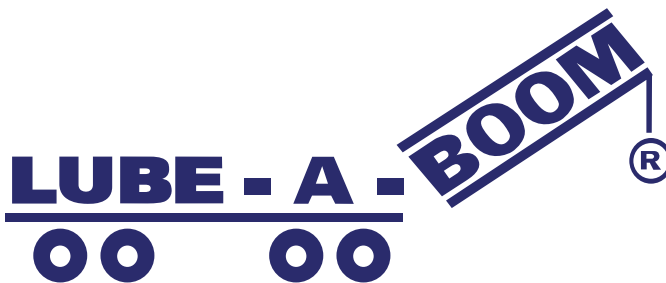


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