CALAISE TRANSPORT



2019
Published in the **June** issue of ICST magazine



IC 50 CRANES

While development overall remains positive, things have slowed down again in many aspects of this year's *IC*50 ranking of the world's largest crane-owning companies

ontinuing the trend of the last two years, this year's IC50 once again shows a smaller percentage growth.

Following a 6 per cent increase in 2017 and 5% in 2018, this year the rise has declined significantly further, to just 1%. Here we are talking about the IC Index (see 'Notes for the IC50') total of the top 100 of the 200 or so companies in the table. Areas also showing increases again this year are in the number of employees, up 2.38% and the number of wheeled cranes, up just 0.5%, or 131 units, to a total of 26,187. The increase last year was more than 4%.

So, in terms of all the entries this year, the total of 201 companies included eight either new or returning entries, while 22 were deleted. Two of them were removed following acquisition while the remainder were as a result of no longer trading or it being old data. The grand total IC Index value of all companies in 2019 was 28,051,368, up 0.57 %



Osprey is a relatively new company and a new entry in the IC50. Based in the United Kingdom, it focuses on heavy contract lifting with its fleet of high capacity lattice and telescopic boom wheeled mobile cranes

Slowing down

on the 27,892,816 of 2018. This year was still higher even with 14 fewer companies.

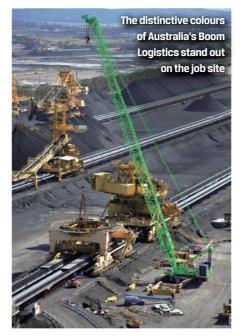
The number of lattice boom cranes held by the top 100 companies has declined, by 0.69~%, to 6,716~ units. That goes up against a 2~% rise in 2018. The second area showing a decline in the top 100 is in the number of depots, down for the second year running, this year by 2.7~% or 40~ depots, compared with a fall of less than half of one percent last year.

Numbers were up in the top ten fleets carrying the most wheeled mobile cranes. This year showed a 2 % or 209 unit increase over 2018. After many years of increases in the number of lattice boom cranes, the total of the ten largest fleets this year was down - but only just - by three units.

In terms of capacity, however, this continues to increase in the lattice crane sector, as it has done overall for at least a decade. Comparing the total capacity of the lattice cranes in our Basket of Eight (see box story) sample, capacity is up this year by an impressive 9.6 %, or 1,800 tonnes, largely due to a new giant crane from Sarens, a new ALE super heavy lifter and capacity enhancement at Mammoet.

Continuing with the Basket of Eight sample, an increase in the IC Index of 1.75 % was recorded overall. All the other figures here, however, were in the negative. The number of wheeled cranes was down by 0.2 %, depots down by 0.3 %, the number of lattice cranes by 1.4 % and there were 3.8 % fewer employees than in 2018.

Looking at the top 20 companies, the





BKL dismantling a tower crane in Ingolstadt, Germany. The Bavarian company has moved into the top 100 this year at 93rd place (from 108) following recent years of strong expansion

only positive was an increase in the number of depots, perhaps suggesting that these leading companies have invested further in getting closer to their customers. At 507 depots the number was up 2 % from the 497 of 2018. An increase in this number has been consistent for many years. The number of employees, however, was down, by 4.5 %, or 1,428 people, to 30,460 from 31,888 and reversing two years of rises. There were 4 % fewer wheeled cranes and 1 % fewer lattice cranes (just 41 units).

In terms of positions in the table, while Mammoet is number one (as it has been since the first IC50 more than 20 years ago), the gap to Sarens in second place has reduced massively in the last year alone. Mammoet's index is down this year, by 100,000 points, but the gap has been closed to a greater extent by expansion of Sarens' capability. It has added 375,581 tonne-metres of capability to its fleet since last year's table. A whopping 250,000 of which was added by just one crane, the SGC 250 super heavy lift crane shown in the iron in November 2018. It is one of three new giant cranes announced in October 2017.

The gap between the Mammoet and Sarens fleets in 2018 was a formidable 554,145 points and now it is down to 78,564. To give an idea of the difference, last year it was about the same as the size of Buckner's fleet, at 8th place in the table, to now being similar

RA	NK					AREA OF	
2019	2018	COMPANY NAME	BASED	DEPOTS	EMPLOYEES	OPERATION	SENIOR CONTACT
1	10	Mammoet	Netherlands	90	4,600	Worldwide	Jan Kleijn
2	20	Sarens	Belgium	90	4,543	Worldwide	Wim Sarens
3	3€	ALE	UK	44	2,600	Worldwide	John Trafford
4	4€	Maxim Crane Works	USA	55	3,615	Worldwide	Bryan Carlisle
5	5€	Lampson International	USA	8	300	Worldwide	Bill Lampson
6	6 ©	Sanghvi Movers	India	28	1,438	National	Prajwal Kumar
7	80	Bigge Crane and Rigging	USA	18	1,000	National	Weston Settlemier
8	90	Buckner Heavy Lift Cranes	USA	4	250	Worldwide	Doug Williams
9	13 @	Deep South Crane & Rigging	USA	8	750	Worldwide	Mitch Landry
10	10 Đ	Weldex	Scotland	2	160	Worldwide	Iain McGilvray
11	7 o	All Erection & Crane Rental	USA	36	1,600	Continental	Michael Liptak
12	14 @	MIC	Japan	14	650	National	Eikichi Ohyama
13	110	Tat Hong	Singapore	35	1,700	Worldwide	Michael Ng
14	15 😡	BMS	Denmark	23	850	Worldwide	Jens Enggaard
15	120	Al Faris	Dubai, UAE	10	3,055	Continental	Hilary Pinto
16	16 €	Al Jaber Heavy Lift	UAE	8	850	Worldwide	George Koshy
17	18 o	Tiong Woon Crane and Transport	Singapore	11	1,015	Worldwide	Michael Ang Guan Hwa
18	19 o	Hovago Cranes	Netherlands	2	20	Worldwide	Doron Livnat
19	17 O	Prangl	Austria	16	664	Continental	Christian Prangl
20	240	SoP&G	Russia	5	800	Continental	Ildar Akhmetov
21	23 😡	Barnhart Crane and Rigging	USA	47	1,450	National	Alan Barnhart
22	200	Integrated Logistics	Kuwait	3	2,500	Continental	Saleh Al Huwaidi
23	25 o	TNT Crane & Rigging	USA	43	1,500	National	Mike Appling
24	38 o	Denzai Holdings Corporation	Japan	14	350	Worldwide	Kohki Uemura
25	26 ↔	Starlog Enterprises (formerly ABG Infralogistics)	India	24	500	National	RC Swamy
26	27 🙃	Wasel	Germany	15	475	Continental	Matthias Wasel
27	33 o	W.O. Grubb	USA	15	488	National	Michelle Grubb
28	29 😡	Felbermayr Transport und Hebetechnik	Austria	46	1,700	Continental	Horst Felbermayr
29	310	Eurogrùas	Spain	25	994	Worldwide	Antonio Carrion Fernandez
30	32 o	Chu Kai Public Company	Thailand	6	600	National	Thongchai Praerangsri
31	340	PVE Cranes & Services	Netherlands	4	120	Worldwide	Joost Bömer
32	40 o	Aertssen Kranen	Belgium	7	406	Worldwide	Tom Deckers
33	37 o	Sarilar Heavy Lift & Transport	Turkey	3	460	Worldwide	Erkan Gürbüz
34	36 o	Uchimiya Transportation & Engineering	Japan	5	300	National	Seiji Tani
35	35 €	JF Lomma	USA	8	163	Worldwide	James Lomma
36	53 ↔	PT. Superkrane Mitra Utama	Indonesia	2	963	National	Leonardy Tan
37	39 o	Fagioli	Italy	10	595	Worldwide	Fabio Belli
38	44 o	Bragg Crane Service	USA	13	650	National	Mike Roy
39	41 o	Ainscough Crane Hire	UK	32	900	National	Derek Gow
40	420	Mediaco Levage	France	60	1,600	National	Alexandre-Jacques Vernazza
41	43 o	Guay Inc.	Canada	20	500	National	Jean-Marc Baronet
42	49 o	Tokyo Juki	Japan	9	178	Worldwide	Taku Tsuruoka
43	45 o	Asiagroup Leasing	Singapore	3	500	Continental	Jeffrey Poh
44	510	Chunjo Construction	Korea	17	100	Worldwide	Chang Hwan Jang
45		Hareket Heavy Transport and Lifting	Turkey	6	420	Worldwide	Yusuf Engin Kuzucu
46		Sims Crane and Equipment	USA	14	480	Regional	Dean Sims
47		Chubu Kogyo (CKK)	Japan	14	215	Worldwide	Masayuki Shimada
48		NCSG Crane and Heavy Haul	Canada	11	400	National	Andy Fraser
49		Franz Bracht Kran-Vermietung	Germany	18	750	National	Dirk Bracht
50		Johnson Crane Hire	South Africa	15	550	Continental	Lalith Senarathne
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JOB TITLE	WEB SITE	WHEELED MOBILE CRANES	LATTICE CRANES	LARGEST CRANE	LARGEST CRANE CAPACITY	<i>IC</i> INDEX 2019	RANK 2019
Chief operating officer	www.mammoet.com	981	241	PTC 210 DS	5,000	2,850,000	1
Chief executive officer	www.sarens.com	1,093	440	SGC-250	5,000	2,771,436	2
Global manager, crane division	www.ale-heavylift.com	125	61	AL.SK10,000	10,000	2,295,623	3
Chief executive officer	www.maximcrane.com	2,715	505	Manitowoc 31000	2,300	2,270,239	4
President and CEO	www.lampsoncrane.com	69	389	Lampson LTL-3000	2,722	1,255,693	5
Assistant vice president	www.sanghvicranes.com	312	298	Terex Demag CC 3800-1	650	1,021,210	6
President and CEO	www.bigge.com	724	224	Liebherr LR 11000	1,000	593,139	7
Chief executive officer	www.bucknercompanies.com	12	141	Liebherr LR 11350-P	1,815	555,421	8
President	www.deepsouthcrane.com	242	26	VersaCrane TC 36000/2	2,700	488,085	9
Managing director	www.weldex.co.uk	0	130	Liebherr LR 11350	1,350	480,500	10
President	www.allcrane.com	1,903	341	Manitowoc 21000	907	474,699	11
President	www.micjp.com	251	178	Terex CC 8800-1 Boom Booster	1,600	472,270	12
Chief executive officer - Asean	www.tathong.com.sg	161	485	Manitowoc MLC650	700	468,287	13
Chief executive officer	www.bms.dk	358	44	Liebherr LR 11350	1,350	432,320	14
Founder & managing director	www.alfarisgroup.com	807	67	Liebherr LR 11000	1,000	429,827	15
Business development director	www.ajhl.com	177	87	Terex CC 8800-1 Twin	3,200	410,000	16
Chief operating officer	www.tiongwoon.com	220	172	Terex CC 8800-1 BB	1,600	384,486	17
President and founder	www.hovago.com	128	55	Terex CC 6800	1,250	345,300	18
Managing director	www.prangl.at	200	12	Terex AC 1000	1,000	342,790	19
Director	www.sopig.ru	37	44	Demag CC 8800-1	1,600	331,308	20
Chief executive officer	www.barnhartcrane.com	466	45	Demag CC 8800	1,250	329,144	21
Chief executive officer	www.integrated-me.com	588	93	Terex CC 8800-1 Boom Booster		321,981	22
Chief executive officer	www.tntcrane.com	621	49	Liebherr LTM 1750-9.1	750	293,139	23
Chief operating officer	http://denzai-j.com	225	102	Liebherr LR 11350 P-1800	1,815	224,891	24
Project manager	www.abgworld.com	151	72	Terex CC 6800	1,250	211,234	25
Chief executive officer	www.wasel-krane.de	203	18	Liebherr LR 1750	750	205,000	26
CEO	www.wogrubb.com	284	76	Liebherr LR 1750/2	750	192,407	27
Senior partner	www.felbermayr.cc	411	33	Liebherr LR 11000	1,000	189,268	28
President	www.eurogruas.com	383	10	Liebherr LR 11350	1,350	180.301	29
Chief executive officer	www.chukai.co.th	495	105	Demag CC 6800	1,250	173,634	30
CEO	www.pvecranes.com	4	85	Terex CC 6800	1,250	172,378	31
Business unit manager	www.aertssen.be	123	61	Terex Superlift 3800	650	158,731	32
Chairman	www.sarilar.com.tr	141	54	Liebherr LR 11350	1,350	150,410	33
General manager	www.uchimiya.co.jp	98	57	Terex CC 6800	1,250	145,133	34
President	www.jflommainc.com	158	108	Manitowoc 18000 Max-er	750	140,565	35
Engineering maintenance	www.superkrane.com	142	98	Liebherr LR 1750	750	139,257	36
CEO	www.fagioli.com	25	17	Liebherr LR 11350	1,350	137,770	37
Executive vice president	www.braggcrane.com	337	34	Liebherr LR 1750/2	750	133.812	38
Sales and marketing director	www.ainscough.co.uk	400	4	Liebherr LTM 1800 special	1,000	132,000	39
President	www.mediaco.fr	640	10	Liebherr LG 1750	750	129,870	40
President						129,331	41
President	www.gruesguay.com	430	22	Liebherr LTM 11200-9.1	1,200		42
	www.tokyojuki.com	102	66 129	Terex CC 6800 Terex AC 1000	1,250	129,000 127,730	43
Business development manager	www.asiagroup.com	192	128		1,000		
CEO	www.chunjo.com	250	48	Manitowoc 31000	2,300	127,535	44
General manager	www.hareket.com	67	16	Demag CC 6800	1,250	116,476	45
President	www.simscrane.com	257	31	Kobelco SL6000	550	112,497	46
President and rep. director	www.ckk-net.com	162	65	Demag CC 8800-1	1,600	110,798	47
President & CEO	www.ncsg.com	218	30	Liebherr LTM 11200.9-1	1,200	110,517	48
Managing director	www.bracht-autokrane.de	282	26	Liebherr LTM 1750	750	107,409	49
Managing director	www.jch.co.za	218	4	Liebherr LR 1750	750	101,950	50

	NK 2018	COMPANY NAME	BASED	DEPOTS	EMPLOYEES	AREA OF	SENIOR CONTACT
51	59 o	Jousai Transport & Crane	Japan	27	393	National	Ichiro Kurikawa
52	55 o	Sistem Crane Rental & Heavy Haulage	Turkey	3	180	Worldwide	Kemal Akinli
53	610	Gruas Roxu	Spain	9	308	Worldwide	José Manuel García Suaráez
54	57 ↔	Vest Kran	Norway	12	100	Continental	Morten Martinessen
55	220	Schmidbauer	Germany	23	660	Worldwide	Werner Schmidbauer
56	30 O	Havator Group	Finland	32	450	Continental	Christoffer Landtman
57	52 o	Sterett Crane & Rigging	USA	8	120	National	Jonathan Spong
58	60 o	Kynningsrud Kran	Norway	14	310	Continental	Pål Kynningsrud
59	54 O	Locar Guindaste e Transportes Intermodais	Brazil	9	1,200	National	Julio Simões
60	81 o	Izmir Vinç	Turkey	1	145	Worldwide	Bulent Kusgoz
61	62 o	Scott-Macon Equipment	USA	9	200	Worldwide	Robert Dimmitt
62	63 o	Crane Norway Group	Norway	5	300	National	Erik Andersen
63	64 o	Imperial Crane Services	USA	5	250	Worldwide	BJ Bohne
64	78 Q	Mountain Crane Services	USA	4	160	National	Paul Belcher
65	130 🌣	Vernazza Autogru	Italy	5	152	Worldwide	Diego Vernazza
66	66 ©	Musselli (CST Consorzio Sollevamenti Trasporti)	Italy	30	487	Continental	Ferruccio Musselli
67	68 o	Marco Crane and Rigging	USA	6	210	National	Dan Mardian
68	67 O	Monadelphous Group	Australia	7	4,718	National	Garry Kearney
69	69 Đ	Antar Cranes Services	Singapore	6	200	Continental	Andrew Tan
70	75 @	Entrec Corporation	Canada	11	580	Continental	John Stevens
71	n/a	Berry Contracting	USA	6	3,500	National	Berry Peterson
72	710	Makro Engenharia	Brazil	8	1,210	National	David Rodrigues
73	72 0	Yonehara	Japan	30	972	National	Hiroki Yamada
74	77 o	Stevenson Crane Service	USA	4	198	Worldwide	Donna Stevenson
75	115 🙃	Dufour Transports Manutentions	Belgium	7	800	Continental	Olivier Dufour
76	76 Đ	Allegiance Crane & Equipment	USA	10	375	Worldwide	James Robertson
77	56 ♥	Beyel Brothers	USA	8	362	Local	Joseph Beyel
78	740	Mr Crane	USA	3	140	National	Andy Steinberg
79	79 €	Barkat Cranes & Equipments Pvt Ltd	India	4	395	National	Gaganpreet Singh G Bedi
80		H&E Equipment Services	USA	30	2,500	National	Cary Burr
81		Jassim Transport and Stevedoring	Kuwait	3	1,700	Continental	Adel Kohari
82		Alareedh (Mohammad Abdullah)	Saudi Arabia	n/s	n/s	Continental	Mohammad Al Rasheed
83		Sinopec Heavy Lifting and Transportation	China	7	550	Worldwide	Sun Xiaobo
84		CraneWorks, Inc	USA	9	115	Worldwide	Keith Ayers
85		Aydintas Crane & Heavy Transport	Turkey	3	140	Worldwide	Hamza Aydin
86	910	Wagenborg Nedlift	Netherlands	10	321	Worldwide	G Bastiaansen
87		Dozier Crane & Machinery	USA	3	45	Worldwide	Dozier Cook
88		McNally Crane Hire / WindHoist	Ireland	6	187	Worldwide	Hugh McNally
89		Ness Campbell Crane	USA	9	100	Regional	John Anderson
90 91		Hokazono Northwest Crane Service	Japan	10	220	National	Naoki Hokazono
			USA	8	140	National	Andy Hodges
92 93		Dielco Crane Service BKL Baukran Logistik	USA	1	111 300	Local	David Dieleman
94		Circle 8 Crane Services	Germany	6		Continental	Joerg Hegestweiler
95			USA	6	253	Local	Bryan Ericson Brian Gibson
96		Capital City Group ML Holdings Company Crane Group (Crane Service,		6 14	225	Regional National	Scott Wilson
30	103 0	Marks Crane and Rigging, United Crane and Rigging)	USA	14	667	INGLIUIIGL	SCORE WIRSON
97	92 o	Riga Mainz	Germany	5	158	Continental	Jos Vogelzang
98	90 o	Joyce Crane	USA	6	165	Regional	Joe Bob Joyce
99	101 🌣	Big B Crane	USA	2	132	Regional	Daniel Basden
100	97 o	Laramie Enterprises	USA	2	65	Worldwide	Jeff Laramie

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rator			11	Liebherr LR 1750	750	94,853	52
		170	5	Liebherr LTR 11200	1,200	94,010	53
e officer	www.vestkran.no	51	15	Liebherr LG 1750	750	93,587	54
Connect	www.schmidbauer-gruppe.de	358	16	Liebherr LR 11350	1,350	93,351	55
e officer	www.havator.com	188	45	Liebherr LR 1750	750	91,103	56
e officer	www.sterettcrane.com	148	41	Terex CC 2800-1	600	86,610	57
	www.nckynningsrud.com	195	12	Liebherr LG 1750	750	85,800	58
	www.locar.com.br	187	23	Liebherr LR 1800	800	85,630	59
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ger 	www.izmircrane.com	32	28	Liebherr LR 1750	750	84,550	
-	www.smequipment.com	453	60	Terex AC 200	200	81,510	61
•	www.cranenorway.com	111	16	Terex CC 3800-1	650	75,703	62
	www.imperialcrane.com	220	18	Liebherr LTM 1500-8.1	500	73,000	63
	www.mountaincrane.com	69	43	Liebherr LR 11000	1,000	72,717	64
	www.vernazzautogru.com	45	6	Terex Demag CC 6800	1,250	71,727	65
	www.musselli.it	300	0	Demag AC 800	800	71,109	66
	www.marcocrane.com	193	26	Manitowoc Grove GMK7550	450	70,859	67
ager	www.monadelphous.com.au	109	20	Manitowoc 18000	750	69,140	68
ger	www.jpnelson.com.sg/antar	4	210	Kobelco 7250S	250	65,369	69
E0	www.entrec.com	198	21	Liebherr LR 1750	750	62,702	70
	www.bayltd.com	83	19	Liebherr LTM 11200-9.1	1,200	60,900	71
e officer	www.makroengenharia.com.br	312	13	Liebherr LTM 11200-9.1	1,200	60,084	72
	www.yonehara.co.jp	395	50	Liebherr LTM 1450NX	450	59,094	73
	www.stevensoncrane.com	161	26	Manitowoc 18000 Max-er	750	56,919	74
	www.dufour.be	206	56	Liebherr LG 1750	750	56,436	75
CE0	www.allegiancecrane.com	131	14	Terex AC 500	500	56,082	76
			50	Manitowoc 21000	907	54.754	77
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	www.nesscampbell.com	95	5	Liebherr LTM 1500-8.1	500	43,734	89
	www.hokazono.co.jp	97	25	Tadano AR-5500M	550	43,731	90
	www.northwest cranes ervice.com	35	7	Liebherr LR 11000	1,000	43,620	91
	www.dielcocrane.com	63	14	Liebherr LR 1600/2	600	43,465	92
e officer	www.bkl.de	111	0	Liebherr LTM 1500-8.1	500	43,300	93
	www.circle8services.com	87	0	Grove GMK7550	450	42,060	94
CE0	www.ccgroup-inc.com	115	24	Grove GMK7550	450	41,313	95
	www.mlcranegroup.com	283	27	Liebherr LTM 1500	500	39,508	96
	www.riga-mainz.com	68	2	Liebherr LR 1750	750	38,800	97
manager	www.iiga-iiidiiiz.coiii						
_	www.riga-mainz.com www.joycecrane.com	88	1	Liebherr LTM 1750-9.1	750	38,199	98
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GMK7550 450 41,313 www.mlcranegroup.com 283 27 Liebherr LTM 1500 500 39,508

to Crane Norway's fleet from 62nd place.

In the top ten, the first six companies remain unchanged. At seven, Bigge is up one place. It has kept a high profile in terms of multiple fleet additions and new equipment orders in recent years. Also up one place is Buckner at eight. Deep South Crane & Rigging has burst into the top ten to take 9th place, moving up four from 13th. Weldex retains its long-held position in the top ten while All

Erection moves from 7 to 11.

Among the top 50 companies, crane owners in Asia, especially from Japan, have done well this year, as have larger companies based in Europe. US companies have generally also fared well while it is rather more of a mixed picture elsewhere in the world. This mix is more apparent and more widespread in the second half of the table where a clear trend is hard to identify.

NOTES FOR THE IC50

Companies are ranked by their IC Index, calculated as the total maximum load moment rating, in tonne-metres, of all cranes in a fleet. All companies in the list, plus other prospective ones, have the opportunity to supply fleet information and other requested data for inclusion in the ranking. Where companies supply full data the figure used is calculated by them.

In some cases, where no data is submitted, or is incomplete, we have based a company's equipment fleet figure on an ICST estimate. In cases of insolvency, acquisition or lack of information, companies are withdrawn from the table.

While we make great effort to ensure the accuracy of information provided, it cannot be guaranteed and ICST accepts no liability for inaccuracies or omissions.

The IC50 Index will next be updated in the first quarter of 2020. If you think your company should be included please contact ICST for an application form. Note that tower cranes are not in the main IC50 table here because they appear separately in the special IC Tower Index published in the September issue of ICST. Similarly, specialized transport equipment is also featured in a separate ranking, the IC Transport50, in the August issue of the magazine. Calls for entries in these tables are also issued and widely publicised like the ones for the IC50.

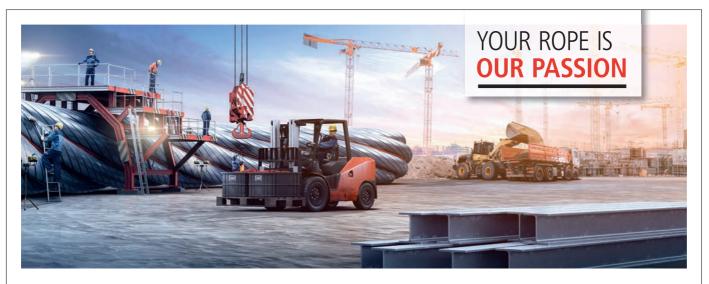
THE BASKET OF EIGHT

In 2017 upset was caused to the longrunning Basket of Ten sample of larger companies. It was as a result of one of them, Maxim, acquiring two of the others, AmQuip and Essex, making it now the Basket of Eight. This group was formed using the top ten companies in the 2009 IC50 and has been running ever since, tracking the changes each year.

In 2017 it was planned to create a new group of ten for 2018 but, because the fleets of the two acquired companies in the sample were retained by another in the group, we retained the eight and will see how it continues to pan out.

The Basket of Eight companies are as follows: Mammoet, Sarens, Lampson, Sanghvi Movers, All Erection, Tat Hong, Al Jaber and Maxim, which includes the assets of Essex and AmQuip, following their acquisition in September 2016 and April 2017, respectively.

The total IC Index value of the 2019 Basket of Eight, at 11,521,564, is up a massive 83 % on the 6,294,798 total of the first one in 2009. This year it was up 1.75 % on the 2018 total.



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