

IC50 CRANES

Staying up

Now in its 22nd year, and after yet another 12 months in a world of uncertainty, the *IC50* ranking of the world's largest crane-owning companies has done well to once again maintain healthy growth. *ICST* reports

A more modest but still healthy rise that characterises the 2017 *IC50* was, perhaps, to be expected this year. It fits with the fact that most of the major crane manufacturers have had a poor couple of years in terms of new crane sales and this is now reflected in the *IC50*. The total fleet capability (*IC* Index) for this year's top 100 companies is up by 6.1 per cent. While this is just over half the 11.1 % increase seen last year, which was very close to the 11.8 % of the year before, it is still a healthy and positive growth figure.

Also up this year among the top 100 companies is the number of depots, by 4 %, to 1,516 from 1457 in 2016. All the other numbers are down, however, starting with the number of employees, down 5 % from 238,455 to 226,514 in the top 100. The number



Austrian specialist contractor Felbermayr moves up one place to 30 this year

of wheeled mobile cranes is down nearly 3 % from 25,652 to 24,910. Lattice boom cranes in the top 100 are down 1.9 % from 6,761 to 6,635.

Fewer wheeled mobile cranes in the top 100 has been a trend for the last few years but against that there has usually been an increase in the number of crawler cranes. As the overall capability of the top 100 is still up this means

that there is a trend towards fewer but larger cranes, probably both of wheeled mobile and lattice cranes, rather than just lattice cranes getting bigger as in previous years.

Who is where

So, to the results: Mammoet is at number one for the 22nd time. Some changes stand out this year. Mammoet has increased its *IC* Index but has fewer cranes: in each category, by 19 %; wheeled mobiles from 1,204 units to 975; and lattice cranes, from 341 to 275. Mammoet said it has invested steadily in a larger proportion of high capacity cranes. Spokesperson Theo Kroese commented, "This is a result of our investment and innovation policy, which takes long term trends into account – such as a continuously growing global demand for higher capacity cranes – as well as mid-term market conditions."

While Sarens, Lampson, Sanghvi and All Erection retain the same places as last year in the middle of the top ten, there has been significant change elsewhere in the top 10. Maxim moves up one place to 4th in the table »

Nettle Crane Hire from India is one of 17 new entries this year



RANK		COMPANY NAME	BASED	DEPOTS	EMPLOYEES	AREA OF OPERATION	SENIOR CONTACT
2017	2016						
1	1	Mammoet	Netherlands	90	5,000	Worldwide	Jan Kleijn
2	2	Sarens	Belgium	90	4,195	Worldwide	Wim Sarens
3	4	Maxim Crane Works	USA	55	3,300	Worldwide	Bryan Carlisle
4	3	ALE	UK	40	1,800	Worldwide	Paul Sands
5	5	Lampson International	USA	8	300	Worldwide	William Lampson
6	6	Sanghvi Movers	India	30	1,800	National	Prajwal Kumar
7	7	All Erection & Crane Rental	USA	37	1,500	Continental	Michael Liptak
8	12	Bigge Crane and Rigging	USA	17	932	Continental	Weston Settlemier
9	8	Tat Hong	Singapore	35	1,745	Worldwide	Michael Ng
10	9	Weldex	Scotland	2	150	Worldwide	Iain McGilvray
11	25	Buckner Heavy Lift Cranes	USA	5	500	Worldwide	Doug Williams
12	13	Prangl	Austria	16	655	Continental	Christian Prangl
13	10	Deep South Crane & Rigging	USA	6	600	Worldwide	Mitch Landry
14	11	Al Jaber Heavy Lift	UAE	8	850	Worldwide	George Koshy
15	21	Al Faris	Dubai, UAE	6	2,650	Continental	HW Pinto
16	19	BMS	Denmark	22	650	Worldwide	Jens Enggaard
17	15	MIC	Japan	12	600	National	Eikichi Oyama
18	14	Tiong Woon Crane and Transport	Singapore	11	1,070	Worldwide	Michael Ang Guan Hwa
19	26	Integrated Logistics	Kuwait	3	2,500	Continental	Saleh Al Huwaidi
20	17	Hovago Cranes	Netherlands	2	20	Worldwide	Doron Livnat
21	16	Sinopec Heavy Lifting and Transportation	China	7	550	Worldwide	Sun Xiaobo
22	18	Sarilar Heavy Lift & Transport	Turkey	8	600	Worldwide	Ayla Gürbüz Aslan
23	22	TNT Crane & Rigging	USA	43	1,500	Continental	Mike Appling
24	27	SOP&G	Russia	5	700	Continental	Ildar Akhmetov
25	24	Barnhart Crane and Rigging	USA	45	1,200	National	Alan Barnhart
26	23	Schmidbauer	Germany	25	550	Worldwide	Werner Schmidbauer
27	28	ABG Infralogistics (Starlog Enterprises)	India	24	500	National	R.C. Swamy
28	29	Wasel	Germany	15	525	Continental	Matthias Wasel
29	30	NCSG Crane and Heavy Haul	Canada	26	1,002	National	Ted Redmond
30	31	Felbermayr Transport und Hebetchnik	Austria	48	1,500	Continental	Horst Felbermayr
31	32	Chu Kai Public Company	Thailand	6	580	National	Thongchai Pairungsri
32	33	Eurogrúas	Spain	25	994	Worldwide	Antonio Carrion Fernandez
33	35	Havator Group	Finland	37	600	Continental	Jussi Yli-Niemi
34	38	PVE Cranes & Services	Netherlands	4	130	Worldwide	Joost Bömer
35	44	JF Lomma	USA	8	185	Worldwide	James Lomma
36	37	W.O. Grubb	USA	11	375	National	William Grubb
37	39	Uchimiya Transportation & Engineering	Japan	5	297	National	Seiji Tani
38	40	Consolidated Contractors Company (CCC)	Greece	4	155,000	Worldwide	Maher Kabbani
39	41	Ainscough Crane Hire	UK	32	1000	National	Derek Gow
40	42	Mediaco Lifting	France	60	1,600	National	Alexandre-Jacques Vernazza
41	36	Locar Guindaste e Transportes Intermodais	Brazil	10	1,200	National	Julio Simões
42	47	Bragg Crane Service	USA	14	640	National	Mike Roy
43	45	Asiagroup Leasing	Singapore	3	500	Continental	Jeffrey Poh
44	52	Aertssen Kranen	Belgium	5	n/s	Worldwide	Manuel Aertssen
45	179	Tokyo Juki	Japan	11	158	Worldwide	Taku Tsuruoka
46	46	Guay Inc.	Canada	20	500	National	Jean-Marc Baronet
47	55	Sims Crane and Equipment	USA	14	480	Regional	Dean Sims
48	50	Sterett Crane & Rigging	USA	8	120	National	Jonathan Spong
49	92	Chunjo Construction	Korea	17	100	Worldwide	Chang Hwan Jang
50	63	Chubu Kogyo (CKK)	Japan	14	215	Worldwide	Masayuki Shimada

JOB TITLE	WEB SITE	WHEELED			LARGEST CRANE CAPACITY	/C INDEX 2017	RANK 2017
		MOBILE CRANES	LATTICE CRANES	LARGEST CRANE			
Chief executive officer	www.mammoet.com	975	275	PTC 200 DS	5,000	2,900,000	1
Chief executive officer	www.sarens.com	1,069	424	SGC-120	3,200	2,381,459	2
Chief executive officer	www.maximcrane.com	2,789	484	Manitowoc 31000	2,300	2,086,183	3
Director	www.ale-heavylift.com	84	30	AL.SK350	5,000	1,701,200	4
President and CEO	www.lampsoncrane.com	73	387	Lampson LTL-3000	3,000	1,248,899	5
Assistant vice president	www.sanghvicranes.com	290	300	Terex Demag CC 3800	650	1,020,560	6
President	www.allcrane.com	1,127	338	Manitowoc 21000	907	655,091	7
President and CEO	www.bigge.com	627	189	Liebherr LR 1750/2	750	488,771	8
Chief executive officer - Asean	www.tathong.com.sg	185	521	Manitowoc ML750	700	483,669	9
Managing director	www.weldex.co.uk	0	126	Liebherr LR 11350	1,350	465,500	10
Chief executive officer	www.bucknercompanies.com	12	131	Liebherr LR 11350-P	1,815	425,677	11
Managing director	www.prangl.at	193	16	Terex SL 3800	650	422,500	12
Vice president	www.deepsouthcrane.com	208	22	VersaCrane TC-36000	2,268	416,127	13
Business development director	www.ajhl.com	185	86	Terex CC 8800-1 Twin	3,200	401,000	14
Director	www.alfarisgroup.com	744	57	Liebherr LR 11000	1,000	381,968	15
Chief executive officer	www.bms.dk	383	46	Liebherr LR 11350	1,350	367,857	16
President	www.mic.jp.com	222	160	Terex CC 8800-1 Boom Booster	1,600	351,915	17
Chief operating officer	www.tiongwoon.com	218	172	Terex CC 8800-1	1,600	342,526	18
Chief executive officer	www.integrated-me.com	588	93	Terex CC 8800-1 Boom Booster	1,600	321,981	19
President and founder	www.hovago.com	160	39	Terex CC 6800	1,250	314,200	20
President	slt.segroup.cn	68	45	XCMG XGC 88000	4,000	298,575	21
Executive member	www.sarilar.com.tr	235	61	Terex CC 6800-1	1,250	281,879	22
Chief executive officer	www.tntcrane.com	570	51	Liebherr LTM 11200-9.1	1,200	267,757	23
Director	www.sopig.ru	16	32	Liebherr LR 11350 Power Boom	1,350	257,660	24
Chief executive officer	www.barnhartcrane.com	409	29	Demag CC 4000 RL	1,600	248,645	25
Chief executive officer	www.schmidbauer-gruppe.com	330	10	Liebherr LR 11350	1,350	247,900	26
Project manager	www.abgworld.com	151	72	Terex CC 6800	1,250	211,234	27
Managing director	www.wasel-krane.de	192	17	Liebherr LG 1750	750	195,000	28
President and CEO	www.ncsg.com	336	40	Liebherr LTM 11200.9-1	1,200	192,322	29
Senior partner	www.felbermayr.cc	403	33	Liebherr LR 11000	1,000	185,969	30
Chairman	www.chukai.co.th	425	87	Demag CC 6800	1,250	178,762	31
President	www.eurogruas.com	383	10	Liebherr LR 11350	1,350	177,301	32
Chief executive officer	www.havator.com	398	51	Terex CC 6800	1,250	163,500	33
CEO	www.pvecranes.com	4	97	Liebherr LR 1750	750	161,263	34
President	www.jflommainc.com	158	92	Manitowoc 18000 Max-er	750	151,333	35
President	www.wogrub.com	248	73	Liebherr LR 1750/2	750	149,896	36
General manager	www.uchimiya.co.jp	99	64	Terex CC 6800	1,250	146,073	37
Manager	www.ccc.me	479	197	Terex CC 2200	350	134,989	38
Sales and marketing director	www.ainscough.co.uk	450	4	Liebherr LTM 1800 special	1,000	132,000	39
President	www.mediaco.fr	640	10	Liebherr LG 1750	750	129,870	40
President	www.locar.com.br	211	18	Liebherr LR 1800	800	129,832	41
Executive vice president	www.braggcrane.com	226	31	Liebherr LR 1750/2	750	128,270	42
Business development manager	www.asiagroup.com.sg	192	128	Terex AC 1000	1,000	127,730	43
Director	www.aertssen.be	108	47	Terex Superlift 3800	650	123,466	44
President and director	www.tokyojuki.com	37	64	Terex CC 6800	1,250	113,376	45
President	www.gruesguay.com	426	22	Liebherr LTM 11200-9.1	1,200	112,866	46
President	www.sims Crane.com	257	31	Kobelco SL6000	550	112,497	47
President	www.sterettcrane.com	148	41	Terex CC 2800-1	600	106,910	48
CEO	www.chunjo.com	249	59	Manitowoc 31000	2,300	106,845	49
President and director	www.ckk-net.com	119	70	Demag CC 8800-1	1,600	98,309	50

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RANK		COMPANY NAME	BASED	DEPOTS	EMPLOYEES	AREA OF OPERATION	SENIOR CONTACT
2017	2016						
51	51	PT. Superkrane Mitra Utama	Indonesia	2	508	National	Leonardy Tan
52	66	Sistem Crane Rental & Heavy Haulage	Turkey	3	145	Worldwide	Kemal Akinli
53	49	Vest Kran	Norway	12	100	Continental	Morten Martinessen
54	NEW	Nordic Crane Kynningsrud	Norway	14	310	Continental	Eirik Kynningsrud
55	53	Franz Bracht Kran-Vermietung	Germany	16	632	National	Dirk Bracht
56	54	Gruas Roxu	Spain	6	257	Worldwide	José Manuel García Suarárez
57	48	Hareket Heavy Transport and Lifting	Turkey	6	380	Worldwide	Yusuf Engin Kuzucu
58	59	Scott-Macon Equipment	USA	9	200	Worldwide	Robert Dimmitt
59	56	Fagioli	Italy	10	630	Worldwide	Fabio Belli
60	60	Johnson Crane Hire	South Africa	12	595	National	Lalith Senarathne
61	61	Musselli (CST Consorzio Sollevamenti Trasporti)	Italy	30	487	Continental	Ferruccio Musselli
62	62	Avi Cranes	Israel	3	310	National	Eyal Kornblit
63	NEW	Crane Norway Group	Norway	4	300	National	Erik Andersen
64	64	Monadelphous Group	Australia	7	4,718	National	Garry Kearney
65	76	Jousai Transport & Crane	Japan	22	365	National	Ichiro Kurikawa
66	67	Marco Crane and Rigging	USA	6	187	National	Dan Mardian
67	65	Antar Cranes Services	Singapore	5	200	Continental	Andrew Tan
68	69	Beyel Brothers	USA	8	324	Local	Joseph Beyel
69	75	H&E Equipment Services	USA	32	2,035	National	Cary Burr
70	70	Makro Engenharia	Brazil	3	1,120	National	David Rodrigues
71	71	Yonehara	Japan	30	972	National	Hiroki Yamada
72	73	Foselev	France	29	430	National	Christophe Brière
73	58	Imperial Crane Services	USA	7	250	Worldwide	B.J. Bohne
74	72	Allegiance Crane & Equipment	USA	10	375	Worldwide	James Robertson
75	68	Dozier Crane & Machinery	USA	3	33	Worldwide	Dozier Cook
76	57	Mountain Crane Service	USA	5	197	National	Paul Belcher
77	NEW	Barkat Cranes & Equipments Pvt Ltd	India	4	379	National	Gagan Preet Singh Bedi
78	80	Stevenson Crane Service	USA	3	175	Worldwide	Donna Stevenson
79	74	Entrec Corporation	Canada	19	550	Continental	John Stevens
80	77	Izmir Vinç	Turkey	1	n/a	Worldwide	Bulent Kusgoz
81	78	McNally Crane Hire / WindHoist	Ireland	6	187	Worldwide	Hugh McNally
82	90	Wagenborg Nedliff	Netherlands	11	482	Worldwide	AG Klijn
83	NEW	Utility One Source	USA	26	1,000	National	Fred Ross
84	82	Ring Power Crane	USA	10	80	Worldwide	Dave Glass
85	83	Turner Industries	USA	4	563	local	J. Michael Morain
86	84	Riga Mainz	Germany	5	158	Continental	Jos Vogelzang
87	89	Ness Campbell Crane	USA	9	250	Regional	John Anderson
88	86	Canibano	Spain	6	280	Worldwide	Angel Canibano
89	79	Irving Equipment	Canada	12	130	National	David Irving
90	87	Barcelona Equipment	USA	1	60	Regional	Bob Steiner
91	109	Northwest Crane Service	USA	8	95	National	Andy Hodges
92	NEW	Circle 8 Crane Services	USA	6	194	Regional	Bryan Ericson
93	107	Capital City Group	USA	5	135	National	Brian Gibson
94	95	Kelley Equipment	USA	3	n/s	National	Daniel Gold
95	93	Irga Lupercio Torres	Brazil	1	268	Worldwide	Lupercio Torres
96	94	Big Crane and Equipment Rentals	Thailand	2	373	National	Ananya Chatjuthamard
97	101	Gruas Aguado	Spain	10	290	Worldwide	Mario Aguado
98	NEW	Denzai Holdings Corporation	Japan	11	305	Worldwide	Kohki Uemura
99	103	Southwest Industrial Rigging	USA	4	170	National	Mike Madge
100	99	Digging and Rigging	USA	6	212	Local	James Gregory

JOB TITLE	WEB SITE	WHEELED			LARGEST CRANE CAPACITY	/C INDEX 2017	RANK 2017
		MOBILE CRANES	LATTICE CRANES	LARGEST CRANE			
Engineering maintenance	www.superkrane.com	105	64	Liebherr LR 1750	750	95,278	51
General manager	www.sistemcrane.com	39	11	Liebherr LR 1750	750	94,853	52
Managing director	www.vestkran.no	51	15	Liebherr LG 1750	750	93587	53
General manager	www.nckynningsrud.com	210	12	Liebherr LG 1750	750	89780	54
Managing director	www.bracht-autokrane.de	242	22	Liebherr LTM 1750	750	88,930	55
Sole administrator	www.gruasroxu.com	162	5	Liebherr LTM 11200	1,200	85,255	56
General manager	www.hareket.com.tr	32	14	Liebherr LG 1750	750	79,856	57
Executive vice president	www.smequipment.com	465	56	Terex AC 140	140	76,290	58
CEO	www.fagioli.com	22	10	Liebherr LR 11350	1,350	75,800	59
Managing director	www.jch.co.za	268	3	Liebherr LR 1750	750	72,128	60
President	www.musselli.it	300	0	Demag AC 800	800	71109	61
Corporate CEO	www.avi-cranes.co.il	86	11	Terex Demag CC 2800	600	70,455	62
General manager	www.cranenorway.com	110	14	Terex CC 3800-1	650	70133	63
Heavy lift manager	www.monadelphous.com.au	109	20	Manitowoc 18000	750	69,140	64
President	www.jousai.co.jp	145	48	Demag AC 700	700	67,559	65
President	www.marcocrane.com	190	21	Manitowoc Grove GMK7550	450	65,064	66
General manager	www.jpnelson.com.sg/antar	4	182	IHI CCH2800	280	64,891	67
President	www.beyel.com	110	39	Terex Demag AC 650	650	64,635	68
Senior VP of cranes	www.he-equipment.com	387	0	Grove RT9150	136	61,250	69
Chief executive officer	www.makroengenharia.com.br	324	13	Liebherr LTM 11200-9.1	1,200	59,824	70
Manager	www.yonehara.co.jp	395	50	Liebherr LTM 1450NX	450	59,094	71
Director	www.foselev.com	275	3	Liebherr LTM 1500-8.1	500	58,846	72
President and CEO	www.imperialcrane.com	195	35	Liebherr LTM 1500-8.1	500	57,000	73
President and CEO	www.allegiancecrane.com	131	14	Terex AC 500	500	56,082	74
President and owner	www.doziercrane.com	41	66	Liebherr LR 1300SX	300	55473	75
Owner	www.mountaincrane.com	82	23	Liebherr LTM 1750-9.1	750	52,740	76
Partner and joint chairman	www.barkatworld.com	30	7	Liebherr LR 1750	750	52060	77
President	www.stevensoncrane.com	140	28	Manitowoc 18000 Max-er	750	50,658	78
President and CEO	www.entrec.com	169	20	Liebherr LR 1750	750	48,816	79
n/s	www.izmircrane.com	24	21	Demag CC 2800-1	600	46,862	80
Managing director	www.cranehire-ireland.com	32	5	Liebherr LTM 11200-9.1	1,200	45,080	81
Managing director	www.wagenborg.com	109	5	Liebherr LR 1750	750	43,032	82
President	www.utility1source.com	282	25	Terex AC 250	250	42180	83
Vice president	www.ringpowercrane.com	110	26	Manitowoc 16000	400	40,971	84
Executive vice president	www.turner-industries.com	36	12	Demag TC 4000	650	40,176	85
Senior project manager	www.riga-baumann.de	68	2	Liebherr LR 1750	750	38,800	86
President	www.nesscampbell.com	88	1	Liebherr LTM 1500-8.1	500	38,550	87
President	www.canibano.com	73	5	Terex Demag CC 4800	800	37,500	88
General manager	www.irvingequipment.com	102	20	Liebherr LR 1750	750	36,540	89
President	www.barcelonacrane.com	51	40	Tadano ATF 400G-6	400	33,711	90
President	www.northwestcraneservice.com	30	4	Liebherr LR 11000	1000	33,030	91
President	www.circle8services.com	65	0	Grove GMK7550	450	32100	92
President and CEO	www.ccgroupp-inc.com	86	17	Grove GMK7550	450	32,092	93
Chief executive officer	www.kelleyequipment.com	52	34	Terex AC 500-2	500	32,077	94
President	www.irga.com.br	14	14	Terex CC 2800	600	32,010	95
General manager	www.bigcrane.co.th	233	42	Tadano ATF400G-6	400	31,925	96
Chief executive officer	www.gruasaguado.com	220	12	Liebherr LR 11000	1000	31,750	97
Executive director	www.denzai-j.com	153	54	LR 11350 P-1800	1800	31483	98
Vice president	www.swirusa.com	80	8	Grove GMK7550	450	31,248	99
President	www.digrig.com	84	0	Liebherr LTM 1750-9.1	750	31,002	100

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Tara Chand is another new entry from India this year, in at 111

as a result of major acquisition activity (see below). It displaces ALE from third place. The UK-based super heavy lift and transport specialist has maintained the same fleet size for the last few years. Making a significant leap into the top ten at 8 is Bigge Crane & Rigging which moves up four places from 12. Anyone who has tracked the number of orders and handovers of new equipment at the last Bauma and ConExpo shows will be unsurprised by this increase.

Bigge displaces Tat Hong from Singapore down one at 9th with an IC Index 11.4 % lower than 2016. The knock-on effect of Bigge's entry into the top ten is that Weldex moves down one to tenth. Moving out of the top ten to 13th is Deep South Crane & Rigging which, despite increasing its Index, added less capacity than Buckner or Prangl above

it. Buckner has made a huge leap, up to 11 from 25, increasing its fleet capability by 73 % from 245,557 to 425,677. While it added five wheeled cranes, the real increase was lattice cranes up from 84 to 131 units. Prangl also increased its capability by a significant 13 %.

Another major mover was Al Faris in the Middle East which boosted its fleet capability by 51 % from 252,741 to 381,968. Others well on the up included BMS in Denmark, SOP&G in Russia, Integrated Logistics in Kuwait, and Aertssen Kranen in Belgium.

New look

Now some data on the table overall this year. While we focus on the top companies there were 196 entries in total. It was good to see 17 new entries, six of them in the top 100.

The highest two of the new entries were as

THE BASKET OF 10

Our basket of 10 companies sample that we have been running since 2009 has been seriously upset this year in that three of the companies in it, Maxim, AmQuip and Essex, have become one, reducing the sample to eight companies. Almost everything that we usually measure is down, including the number of depots, the number of employees, both crane types and the total capacity of the largest cranes. One remaining figure, however, is up: the total IC Index of those ten companies is up by just over 3 %. Next year we plan to start a new sample.

a result of one company, Nordic Crane Group, splitting into two in July 2016. The 50:50 owners, Kynningsrud AS and Stangeland Gruppen AS, established Nordic Crane Group in 2008 and doubled the Group's turnover but they said that despite strong growth, synergies were not the way they wanted and geographical distance contributed to the fact that Nordic Crane Group did not make the best use of resources. Now in the IC50 there is Nordic Crane Kynningsrud at 54 in the table and Crane Norway Group at 63. »



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Other ownership changes since last year have had further impact on the table. Most notable is Maxim's acquisition of major US crane-owning companies ERC (Essex Crane and Coast Crane) from position 20 and AmQuip, at 43, in last year's table. Maxim bought the Essex crawler crane fleet in September 2016, followed by Coast Crane in April 2017.

In 2016 Maxim's owner, investment group

Platinum Equity, sold it to Apollo Capital which also acquired AmQuip and merged the two companies as Maxim. Back in 2009 both AmQuip and Essex were up in the top 10 of the IC50 ranking.

In the 2016 IC50 Maxim's 2015 acquisition of Crane Rental Corporation boosted its IC Index but insufficiently to change its position in the table. This year, however, the latest acquisitions, including the large fleet of high capacity crawler cranes from Essex, accounts for Maxim's one place gain in the table.

UK-based Hewden, at position 110 in the 2016 table, has disappeared this year following its closure and fleet sell-off earlier in 2017. Way back in June 1995 Hewden Stuart Crane Hire, as it was called then, appeared in the very first IC50 ranking, in 10th place.

Other than Hewden and the companies mentioned above that have been acquired, another 25 companies from last year were dropped, almost all of them outside the top 100, because of insufficient data.

BKL in Germany, at 113 in the table, also has a large fleet of tower cranes



NOTES FOR 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 data for inclusion in the ranking. Where companies supply the full data the figure used is calculated by them. In some cases, where little data is submitted, or is incomplete, we have based a company's equipment fleet figure on ICST estimates. In cases of insolvency, acquisition, or a consistent 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 IC accepts no liability for inaccuracies or omissions.

The IC50 Index will next be updated in the first quarter of 2018. 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 as they will appear separately in the special IC Tower Index in the September issue of IC. Similarly, specialized transport equipment is also in a separate ranking, the IC Transport50, in the August issue of the magazine.

REMOVE & REPLACE™

MEANS REDUCED SCHEDULE & DOWNTIME

WHY DOES A 'REMOVE AND REPLACE JOB' MEAN LESS OUTAGE DOWNTIME?

We know that downtime is the bane of plant management's existence. That's why Barnhart has a team of Remove & Replace™ specialists and "cool tools" that reduce schedule, downtime, cost and most importantly – do so safely.

- Our Remove and Replace Team has developed specialized strategies to remove and replace equipment from the tightest spaces in your plant.
- We have created "cool tools" and techniques that can reduce a project's schedule from weeks to days and days to hours.
- Contact Barnhart for 'Remove and Replace' examples that prove how we reduce time and save money.

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