

## NOTES FOR THE IC100

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 the other requested data for inclusion in the ranking. Where companies supply the 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 In cases of insolvency, acquisition or lack of sufficiently recent information, those companies are withdrawn from the table (nine this year were removed).

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 *IC100* Index will next be updated in the first quarter of 2023. If you think your company should be included, please contact *ICST* for an application form. Note that tower cranes are not in the main *IC100* 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 *IC100*. Please look out for them at [www.internationalcranes.media](http://www.internationalcranes.media) or [www.khl.com](http://www.khl.com) and in the World Crane Week e-mail newsletter, in the paper magazine and across social media, including Facebook, LinkedIn, Instagram and Twitter.

# IC100 CRANES

You may notice some big changes this year in the original and best ranking of the world's largest crane-owning companies. *ICST* reports

# Winds of change

**W**hile there have already been 100 entries in the familiar *IC50* crane-owning company table for some time, the *IC50* name remained, until now. A sufficient increase in the available data has allowed us to reliably extend it to justify the *IC100* title. It also aligns it with some of our sister magazine rankings, including the *ACT100* and *IRN100*.

Another change you'll see is that there is less data in the table. It has been streamlined as has the commentary, to give a more concise snapshot. More data, detail and analysis will be available separately, so look out for how to get this soon.

## BIG NUMBERS

Anyway, it is all about the ranking and how things have changed in there from last year so here are some basis statistics. The overall total *IC* Index, for all 218 entries (two more than 2021), is 32,602,533 points, up 2.19 per cent on the 31,903,004 points of the 2021 table. What with everything going on in the world at the moment and in the last two years, you might be forgiven for expressing surprise at any increase.



A team from the China Nuclear Industry Mechanical Engineering Co (CNME) hoisted the 487 tonne dome of the No. 1 generator unit at Zhangzhou Nuclear Power Plant in East China's Fujian Province. A 3,200 tonne capacity Zoomlion ZCC3200NP lattice boom crawler crane owned by CNME (10th place) made the lift

When you look at the top 100 companies, the real *IC100*, however, the increase is about half, just 1.28 %. Still an increase none the less, although nothing compared with last year's 7.89 % increase and nearly 5 % the

RANK 2022 2021	COMPANY NAME	BASED	LARGEST CRANE	CAPACITY OF LARGEST CRANE	IC INDEX 2022
1 1 ▶	<b>Mammoet</b>	Netherlands	SK 350	5,000	<b>3,592,917</b>
2 2 ▶	<b>Sarens</b>	Belgium	Sarens SGC-250	5,000	<b>2,754,971</b>
3 7 ▲	<b>Buckner Heavy Lift Cranes</b>	USA	Liebherr LR 13000	3,000	<b>1,407,476</b>
4 4 ▶	<b>Lampson International</b>	USA	Lampson LTL-3000	2,722	<b>1,280,105</b>
5 6 ▲	<b>BMS</b>	Denmark	Liebherr LR 11350	1,350	<b>1,090,852</b>
6 5 ▼	<b>Sanghvi Movers</b>	India	Terex Demag CC 3800-1	650	<b>1,018,070</b>
7 8 ▲	<b>Bigge Crane and Rigging</b>	USA	Liebherr LR 11000	1,000	<b>952,565</b>
8 3 ▼	<b>Maxim Crane Works</b>	USA	Manitowoc 31000	2,300	<b>880,526</b>
9 11 ▲	<b>Shandong Gulf Lifting Engineering</b>	China	Sany SCC98000TM	4,000	<b>864,346</b>
10 10 ▶	<b>China Nuclear Industry Mechanical Engineering Co LTD</b>	China	Zoomlion ZCC3200NP	3,600	<b>805,888</b>

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RANK 2022	2021	COMPANY NAME	BASED	LARGEST CRANE	CAPACITY OF LARGEST CRANE	IC INDEX 2022
11	12 ▲	Sinopec Heavy Lifting and Transportation	China	XCMG XGC 88000	4,000	651,303
12	13 ▲	Al Faris	Dubai, UAE	Liebherr LR 11000	1,000	642,752
13	18 ▲	Tat Hong	Singapore	Terex CC 8800-1	1,600	596,859
14	9 ▼	All Family of Companies	USA	Liebherr LR 11000	1,000	561,456
15	17 ▲	Denzai Holdings Corporation	Japan	Liebherr LR 11350 P-1800	1,350	516,200
16	15 ▼	Weldex	Scotland	Liebherr LR 11350	1,350	502,500
17	14 ▼	MIC	Japan	Terex CC 8800-1	1,600	496,054
18	16 ▼	Deep South Crane & Rigging	USA	VersaCrane TC 36000/2	2,700	495,220
19	21 ▲	Hovago Cranes	Netherlands	Liebherr LR 11000	1,000	430,239
20	19 ▼	Al Jaber Heavy Lift	United Arab Emirates	Terex CC 8800-1 Twin	3,200	410,000
21	20 ▼	Barnhart Crane and Rigging	USA	Demag CC 8800	1,250	398,791
22	22 ►	SoP&G	Russia	Demag CC 8800-1	1,600	375,274
23	23 ►	Tiong Woon Crane and Transport	Singapore	Terex CC 8800-1 BB	1,600	366,730
24	25 ▲	Marmion Crane Services	USA	Liebherr LTM 1750-9.1	800	351,650
25	24 ▼	Prangl	Austria	Terex AC 1000	1,000	346,937
26	26 ►	Schmidbauer	Germany	Liebherr LR 11350	1,350	341,070
27	27 ►	Integrated Logistics	Kuwait	Terex CC 8800-1 with Boom Booster	1,600	332,659
28	28 ►	Uchimiya Transportation & Engineering	Japan	Demag CC 6800	1,250	316,741
29	29 ►	TNT Crane & Rigging	USA	Liebherr LTM 1750-9.1	800	307,634
30	30 ►	Wasel	Germany	Liebherr LR 11000	1,000	280,000
31	31 ►	Fagioli	Italy	Liebherr LR 13000	3,000	235,901
32	32 ►	Felbermayr Transport und Hebetchnik	Austria	Liebherr LR 11000	1,000	189,268
33	44 ▲	PT. Superkrane Mitra Utama	Indonesia	Sany SCC8000A	800	188,053
34	39 ▲	Mediacco Levage	France	Liebherr LTM 11200-9.1	800	183,900
35	34 ▼	Al Areehdh (Mohammad Abdullah)	Saudi Arabia	Demag CC 3800 BB	650	182,955
36	35 ▼	TopKran	Russia	Liebherr LR 11350	1,350	182,187
37	36 ▼	Eurogrúas	Spain	Liebherr LR 11350	1,350	180,301
38	37 ▼	W.O. Grubb	USA	Liebherr LR 1750/2	750	179,382
39	38 ▼	Chu Kai Public Company	Thailand	Demag CC 6800	1,250	174,789
40	40 ►	PVE Cranes & Services	Netherlands	Terex CC 6800	1,250	171,600



year before.

It is also a relatively lonely increase in that there are only two others this year. One is that we had 11 new or returning (at least a couple that look familiar from years gone by) companies entering. This was countered by nine companies removed from the list, mainly due to a lack of recent data.

The other metric higher than last year is the number of depots in the top 100 companies, up 1.46 %, or 22 more than the year before. That's close to one in four companies having one more depot than they did in 2021. Note that last year there were fewer depots than in 2020.

### HEADING DOWN

So, yes, everything else was down. Examples include around 1,500 fewer employees, 1,000 fewer wheeled cranes and just 13 fewer lattice boom cranes. Last year wheeled mobiles were also down but lattice cranes

**BKL in Germany installing concrete bridge beams using eight axle Liebherr LTM 1650-8.1 and LTM 1450-8.1 wheeled mobile telescopic cranes**

were up by similarly strong amounts for the last two years.

When you look at just the top 20 companies, the decline is more pronounced, with everything down, especially the number of wheeled cranes, by a whopping 13.87 %, or around 1,500 units. A large proportion of this is accounted for by Maxim in the USA having slashed its wheeled mobile fleet size from 2,850 units last year to 1,750 in this year's IC100 table.

Maxim's fleet reduction is reflected in its move from third in the table to 8<sup>th</sup>. Almost totally opposite to that is fellow USA-based crane owner Buckner, now replacing Maxim in third place, having gained four from 7<sup>th</sup> last year. One to watch is BMS from Denmark. This year it has gained another place, putting it in 5<sup>th</sup>. Just one place, I hear you say, but it should be noted that just five years ago it was in 16<sup>th</sup> place. Giant steps indeed.

While BMS is now one of the top six companies in the "millionaires club" of the IC100, it still needs to more than triple its total to match the leader of the table, Mammoet, enjoying a widened gap between it and its nearest rival Sarens in second place.

RANK 2022	2021	COMPANY NAME	BASED	LARGEST CRANE	CAPACITY OF LARGEST CRANE	IC INDEX 2022
41	42 ▼	Public Crane Heavy Equipment	Malaysia	Terex Demag CC 8800	1,250	170,950
42	33 ▼	Chunjo Construction	Korea	Manitowoc 31000	2,300	170,855
43	43 ►	Aertssen Kranen	Belgium	Terex Superlift 3800	650	161,944
44	47 ▲	Sarilar Heavy Lift & Transport	Turkey	Zoomlion ZCC 32000	2,000	150,090
45	45 ►	Bragg Crane Service	USA	Liebherr LR 1750/2	750	149,532
46	46 ►	Tokyo Juki	Japan	Demag CC 6800	1,250	149,182
47	41 ▼	Mountain Crane Services	USA	Liebherr LR 11000	1,000	145,178
48	50 ▲	Hareket Heavy Transport and Lifting	Turkey	Demag CC 6800	1,250	139,460
49	64 ▲	Sterett Crane & Rigging	USA	Liebherr LTM 1650-8.1	700	134,025
50	49 ▼	Ainscough Crane Hire	UK	Liebherr LTM 1750-9.1	800	132,000
51	51 ►	Guay Inc.	Canada	Liebherr LTM 11200-9.1	1,200	131,402
52	48 ▼	JF Lomma	USA	Manitowoc 18000	750	121,370
53	54 ▼	Jousai Transport & Crane	Japan	Liebherr LR 1750/2	750	115,745
54	57 ▲	Nordic Crane (Kynningsrud)	Norway	Tadano CC 38.650-1	650	113,110
55	67 ▲	Crane Norway	Norway	Terex CC 3800-1	650	110,550
56	55 ▼	Locar Guindaste e Transportes Intermodais	Brazil	Liebherr LR 1800	800	108,830
57	52 ▼	Bracht Group (Bracht, Hofmann, Wilden)	Germany	Liebherr LTM 1750	800	107,409
58	59 ▲	Gruas Roxu	Spain	Liebherr LTR 11200	1,200	101,530
59	53 ▼	Johnson Arabia	Dubai, UAE	Terex Demag AC 700	700	100,661
60	58 ▼	Windhoist	UK	Liebherr LG 1750	750	98,382
61	60 ▼	Havator Group	Finland	Liebherr LR 1750	750	93,381
62	72 ▲	Johnson Crane Hire	South Africa	Liebherr LR 1750	750	91,246
63	61 ▼	NCSG Crane and Heavy Haul	Canada	Liebherr LTM 11200.9-1	1,200	90,447
64	63 ▼	Berry Contracting (Bay Ltd)	USA	Liebherr LTM 11200-9.1	1,200	87,165
65	70 ▲	Ohya Corporation	Japan	Liebherr LR 1750/2	750	86,487
66	66 ►	Burger Grúas	Chile	Liebherr LG 1750	750	84,093
67	65 ▼	Scott-Macon Equipment	USA	Tadano ATF220G-5	220	83,625
68	69 ▲	Antar Cranes Services	Singapore	Zoomlion QUY350	350	82,180
69	81 ▲	Wiesbauer	Germany	Liebherr LR 11000	1,000	81,968
70	73 ▲	Sistem Crane Rental & Heavy Haulage	Turkey	Liebherr LR 1750	750	80,231
71	NEW	Allegiance Crane and Equipment	USA	Demag AC 700-9	700	79,797
72	68 ▼	Marco Crane and Rigging	USA	Grove GMK7550 megawing	450	77,039
73	80 ▲	Superior Cranes	USA	Demag CC 6800-1	1,250	76,839
74	56 ▼	Chubu Kogyo (CKK)	Japan	Sumitomo 6000SLX	500	75,099
75	82 ▲	Lift Source Machinery	USA	Liebherr LTM 1750-9.1	800	74,310
76	71 ▼	Makro Engenharia	Brazil	Liebherr LTM 11200-9.1	1,200	72,375
77	NEW	Takada Crane	Japan	Liebherr LR 1750	750	72,226
78	NEW	Smithbridge Group	Australia	Demag CC 2800	600	71,779
79	76 ▼	Stevenson Crane Service	USA	Liebherr LTM 1650-8.1	700	71,550
80	74 ▼	Beyel Brothers	USA	Manitowoc 21000	907	70,315
81	75 ▼	Vernazza Autogru	Italy	Terex Demag CC 6800	1,250	66,793
82	NEW	RMS Cranes	USA	Liebherr LTM 1750-9.1	800	66,201
83	78 ▼	Barkat Cranes & Equipments Pvt Ltd	India	Sany SCC6500A	650	64,589
84	77 ▼	Shethia Erectors	India	Demag CC 6800	1,250	62,500
85	79 ▼	Yonehara	Japan	Tadano AR5500M	550	59,094
86	85 ▼	Northwest Crane Service	USA	Liebherr LR 11000	1,000	56,205
87	84 ▼	Imperial Crane Services	USA	Liebherr LTM 1500-8.1	500	54,429
87	86 ▼	Ness Campbell Crane	USA	Liebherr LTM 1500-8.1	500	54,429
89	88 ▼	Dielco Crane Service	USA	Liebherr LR 1600/2	600	51,455
90	89 ▼	Jassim Transport and Stevedoring	Kuwait	Demag AC 700-9	700	51,300
91	NEW	Darcy Pacheco	Brazil	Liebherr LG 1750	750	50,825
92	91 ▼	Expertise Contracting	Saudi Arabia	Liebherr LTM 1500-8.1	500	49,509
93	95 ▲	Mr Crane	USA	Manitowoc 2250 Maxer	454	49,483
94	93 ▼	Amirkabir Arvand	Iran	Krupp 11000	1,000	49,470
95	62 ▼	Aydintas Crane & Heavy Transport	Turkey	Zoomlion ZCC9800W	800	48,850
96	92 ▼	Dozier Crane & Machinery	USA	Kobelco CK 3300G-2	300	48,825
97	87 ▼	Hokazono	Japan	Tadano AR-5500M	550	47,866
98	96 ▼	Big B Crane	USA	Liebherr LTM 1500-8.1	500	45,168
99	100 ▲	Smith Cranes and Construction	New Zealand	Terex CC 2800-1	600	44,982
100	97 ▼	BKL Baukran Logistik	Germany	Liebherr LTM 1650-8.1	700	44,710