

NEW HT16 RTJ PRO

HT46 RTJ PRO (US version)

VERSATILITY AND
HIGH PERFORMANCE

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Haulotte 
EQUIPMENT

The big American show

C&A

Conexpo 2020



This year's it's the USA's turn to host the big international construction equipment exhibition, **Conexpo 2020**, which opens in Las Vegas on **Tuesday March 10th** and runs through to **Saturday 14th March**. The event looks as though it will be a particularly good one for cranes but a little weaker for aerial work platforms. With **Bauma** taking place less than **12 months earlier**, don't expect too many radical new product launches - many are just north American launches of **Bauma** prototypes. That does not mean to say there are none. Most companies have something new to show and we may well get some last minute surprises.

All of the crane manufacturers are exhibiting along with all the major aerial work platform companies. The same applies to telehandlers but unlike the other two sectors, most north American telehandler models are completely different to those sold elsewhere, although most of the manufacturers are the same.

The following is a brief outline of some of the major exhibitors that had revealed their products or services

as we went to press. For the aerial lift manufacturers it is the **ARA** rather than **Conexpo** that is on their minds. Perhaps at this stage the full brand listing of exhibitors and their stand numbers is more useful, and we hope to have a little more

Show Details

Dates: March 10-14, 2020.

Tuesday - Friday: 9:00 - 17:00

Saturday: 9:00 - 15:00

product details in the **Vertikal Guide** to **Conexpo**.

This year the old **Gold Lot** which has been home to most of the lifting related stands for construction work, and has been replaced with a new, temporary area dubbed the **Festival Grounds** with its **Festival Hall** pavilion. The **Cranes & Access/Vertikal** stand will be just inside one of the pavilion entrances close to the products we cover.

In addition to this preview we will be publishing our separate bi-lingual - English and Spanish - **Vertikal Conexpo Guide** to the show. This will be available online the week prior to the show with a print version handed out at the event itself. It will include large scale maps and detailed lists by product type and display area as well as an alphabetical listing. If you want to make sure you do not miss anything and get around the show in the most efficient way, you can simply download a copy in advance in

order to plan your visit, see who is there this year and who is not. If you prefer to have a printed version, pick one up as you enter the **Festival Lot** or come and see us in the pavilion.

Registration and Entry tickets

A pre-registered general entry ticket to the show costs \$195 and provides you with true discounts on hotel prices, as well as use of shuttle buses and the **Monorail**. Some exhibitors offer discount codes, so do check this out in advance. And do not wait to pay at the gate as the price jumps to \$249. An advanced purchase pass for Friday and Saturday is a little cheaper at \$149. If you are interested in attending any educational seminars these badges are more costly at \$589, but a good deal cheaper than buying a seminars ticket separately.

<https://www.conexpoconagg.com/visit/registration-and-pricing/>

Transport

The show badge includes free use of shuttle buses between the show, including the all-important **Festival Grounds** and all official **Conexpo** hotels - apart from those within walking distance.

Another alternative is the **Monorail** - especially if you are on the same side of the street as the exhibition centre. A three day pass is included in your show ticket/badge. But note you will need to take a shuttle bus from the station to the **Festival Lot** or come and access equipment is located.

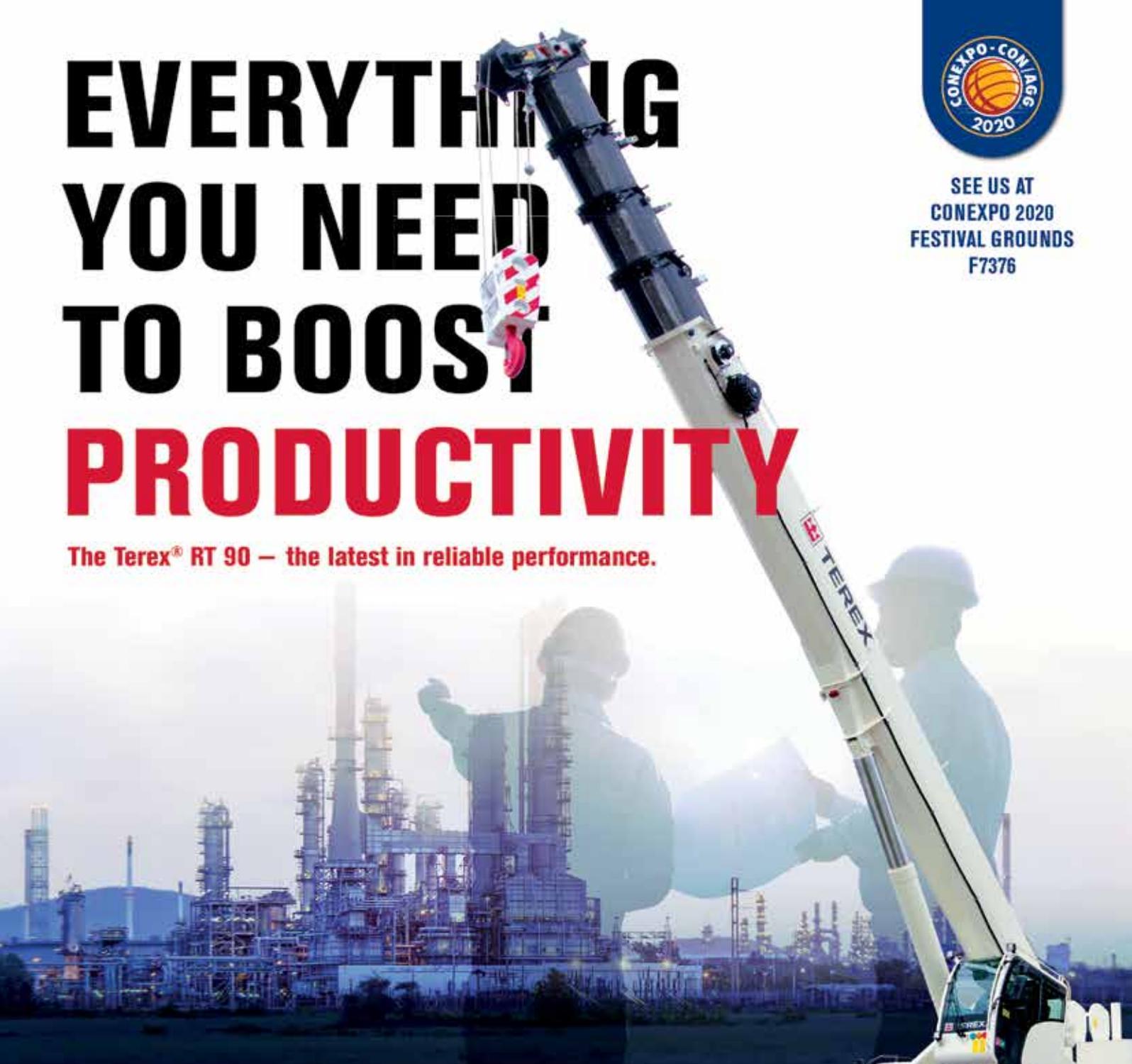




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 CONEXPO 2020
 FESTIVAL GROUNDS
 F7376

EVERYTHING YOU NEED TO BOOST PRODUCTIVITY

The Terex® RT 90 – the latest in reliable performance.



Boost your lifting performance with the Terex® RT 90 rough terrain crane. The five section, fully hydraulic boom stretches an impressive 47 m (154 ft) to extend your capabilities on long reach applications. IC-1 controls provide easy operation, smooth control and integrated diagnostics while the removable counterweight lets you move quickly and efficiently from job to job. The RT 90 has everything you need to get the job done.



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Tadano ATF100-4.1

Tadano

Tadano and Tadano Demag will be at the show barely eight months since the acquisition of Demag was completed. While much progress has been made it is still very early days. The key new products will be the three new Series 4 Rough Terrain cranes aimed squarely at the North American market where Tadano is the market leader. It will also be a good chance to see the new four axle 100 tonne Tadano ATF100-4.1 and its five axle sister crane the 120 tonne ATF120-5.1. While both cranes were announced at Bauma last year the machines on display are the production units with shipments now underway. This is in effect the North American launch.

ATF-100-4.1 and ATF-120-5.1

Both new cranes use Tadano's two engine layout - increasingly rare on this size of crane - and feature a new 60 metre main boom topped by a nine to 19 metre swingaway extension that offsets by up to 60 degrees. Overall width of both units is 2.75 metres, while both incorporate Mercedes Benz EU Stage V/EPA Tier 4f diesel power units. Both can carry a decent amount of counterweight within the 12 tonne axle loadings, while the ATF-120 can travel intact with axle loads of less than 10 tonnes.



Tadano ATF120-5.1



Liebherr EC-B flat top

New Tadano RTs

Turning to the new Rough Terrain models there are two 90.7 tonne/100 ton models - the long boom GR-1000XLL-4 and GR-1000XL-4 - along with the 73 tonne/80 ton GR-800XL-4. The models are full upgrades of models launched in 2011 and focus on improved safety, comfort, performance and work range as well as meeting the latest emission standards. The long boom GR-1000XLL-4 boasts a five section 51 metre boom, while the GR-1000XL-4 and GR-800XL-4 feature five section 47 metre booms, the same length as the GR-1000XL-3 which is being replaced. All three cranes feature a 10.7 to 17.1 metre bi-fold swingaway extension which offsets by up to 45 degrees. Further details can be found on page six.

There might just be a surprise or two under the Demag banner, given that the company was working on some interesting projects prior to the takeover. We do know that there will be an impressive display with the 220 tonne five axle AC 220-5, 100 tonne four axle AC 100-4L and 300 tonne six axle AC 300-6 as well as the recently launched 45 tonne AC 45 City. Dominating the stand however will be the 650 tonne CC 3800-1 lattice crawler crane.

Mantis Crawlers

Finally if you are interested in telescopic crawler cranes then this is the show to check out the Tadano Mantis range. The products have come a long way since the company was acquired by Tadano in 2009.

Manitowoc Crane Group
Manitowoc - which includes Grove

telescopic cranes, Potain tower cranes, National Crane boom trucks and

Manitowoc lattice crawler cranes - is planning a major show with six new models due to be launched. The company is being a little tight lipped so we are not sure if all of them will be totally new, include upgrades or be North America launches.

We do know that the display will include the 165 tonne Grove GRT9165 Rough Terrain, the long boom version of the popular 250 tonne five axle GMK5250XL-1 All Terrain, and the TMS500-2 truck-mounted crane. If you are from Europe you will probably not have seen the Sennebogen-built Grove telescopic crawler cranes, so this is an opportunity with the 140 ton GHC140. The Potain tower crane line will include the Hup M 28-22 self-erector, complete with a transport/trailer axle that meets local road regulations. You might also check out the 54 tonne National Crane NBT60L truck mount.

Liebherr

Liebherr will have a major display with a number of very large cranes, including the new 650 tonne LTM 1650-8.1 eight axle All Terrain launched at Bauma and the new 800 tonne LR 1800-1.0 lattice crawler crane. The LTM 1650-8.1 is now production ready and available with a choice of 54 or 80 metre main booms. It is expected to take over from the 500 tonne LTM 1500-8.1.

The LR 1800-1.0 is likely to be the largest crane at the show and is - according to the company - the largest crawler crane that can be transported within a three metre overall width. The company will also have the new 200 tonne HS 8200

Tadano GR-1000XLL-4



cycle crane on show which takes over from the HS 895 HD.

Liebherr tower cranes

Tower cranes will be represented by the new eight tonne capacity 125 K, self-erecting tower crane which offers a maximum jib of 55 metres and maximum hook height of 41.5 metres. The company's flat top range will be represented by the new 340 EC-B which is likely to be rigged with fibre rope. It has a maximum capacity of 12 tonnes, while maximum radius is 78 metres. Maximum hook height is 85 metres.

Terex Cranes

This is an important show for Terex cranes which now includes just two product lines Rough Terrains and Tower cranes. The company will launch the new 80ton/72.5 tonne TRT 80US with a 42.1 metre main boom, critically it will be the first model featuring TEOS - the Terex



Terex TRT 80US



Liebherr LTM 1650-8.1



Comansa luffer

Operating System - building on previous technology with operating range limiter, engine automatic throttle, integrated diagnostics and improved information flow.

The new crane has been designed to be compact and easy to transport while offering advantages on tight job sites or for performing indoor lifts. Two extensions - eight or 15 metres - are available. The cab features a new steering column, dashboard and 10 inch display. LED lights are also part of the standard machine. Options include four cameras, radio remote controls and T-Link telematics.

Also on the stand the 20 tonne Terex CTT 472-20 flat top tower crane will feature a new slewing technology called T-Torque which it says is a fully dynamic system, allowing crane operators to customise slew characteristics to find the best fit to their driving style, from smooth movements to very rapid reactions. The CTT 472-20 offers 11 different jib configurations from 30 to 80 metres with a 4.48 tonne jib tip capacity. The Terex Power Plus boosts capacity by an extra 10 percent when needed.

Comansa

Comansa is another company showing an 18 tonne luffing jib tower crane. Its LCL310 luffer features a 60 metre jib, with 3,500kg jib tip capacity and is now equipped with the company's new Cube Cab.

Wolffkran

The company is planning to show its latest hydraulic luffing crane, the 166 B2

Maeda

Several new Maeda spider cranes will make their North American debut. Four new models will be on the stand including the new generation MC285-3 which features multi-angle outriggers, a new wireless remote control, next generation touch screen

load moment indicator and safety system and a removable electric power pack. It will also highlight the 900kg capacity MC090 spider, with a capacity of under 2,000kg it can be operated without operator certification. Standard features include radio remote controls and new load moment indicator.

Raimondi

Raimondi will show the 18 tonne LR273 luffing jib crane unveiled at Bauma last year, which it says is easy to erect, has a large hoist drum capacity and 60 metre jib.

Haulotte

Haulotte will display a brand new telescopic boom - the HT16 RTJ PRO - while highlighting an addition to its blue strategy with the 61ft HA61 LE articulated boom, the first in its Pulseo Generation.

Genie

Genie is focusing on the latest development in its telematics systems and new ANSI models, including the latest XC boom lifts, but don't be surprised if it has a surprise or two up its sleeve.

Oil & Steel

The company will show the Manitex/Oil & Steel A62, an ANSI version of its 19 metre Scorpion telescopic truck mount, with 11.6 metres of outreach and 250kg platform capacity. It is also likely to have one of its new Octopus spider lifts.

Sany

The big Chinese manufacturer will show crawler and Rough Terrain cranes, but the big news will be its plans to re-start the active marketing of its Rough Terrain cranes after a three year lull. As part of this plan it will display a new generation of Rough Terrain cranes ranging in capacity from 60 tonnes to 150 tonnes. The company will also show a 260 tonne crawler and might have a new 80 tonne telescopic crawler due to start shipping later this year.



Wolff 166B



Reachmaster

The Falcon spider lift dealer will have a wide range of products on show including a new US specification Ruthmann truck mounted lift, new Bluelift spider lifts and an interesting Winlet pick & carry glass handling machine.

Pettibone

Pettibone is celebrating the 50th anniversary of the launch of what it claims is the first telehandler. But the key product on the stand will be the new 14.1 metre/5.4 tonne Traverse T1246X telehandler. Uniquely it offers almost 1.8 metres of horizontal forward boom movement - traversing - allowing loads to be moved forward without telescoping/elevating the boom or driving forward.

Another first is its entry into the aerial lift market with a full range of Pettibone badged/LGMG built slab electric scissor lifts.

Magni

Magni will show off its latest 360 degree and heavy duty telehandlers. At the last Conexpo it surprised us with a new 46 metre unit which has sold particularly well in North America. Who knows what we might expect this time round but it has several new machines on the

drawing board including a new six tonne/25 metre TH fixed frame and a new 13 tonne Heavy Duty model.

Sinoboom

The Chinese manufacturer will have a full suite of scissor lifts and booms on display, but the star of the stand is likely to be the all new 153ft GTZZ46J articulated boom lift. Launched late last year this will be its international debut.

Hydro Mobile

Big talk at the Canadian mastclimber manufacturer will be the impending acquisition by Bandsafway. Also expect a full suite of mastclimbing platforms and hoists.



Pettibone slab electric scissor



Pettibone T1246X

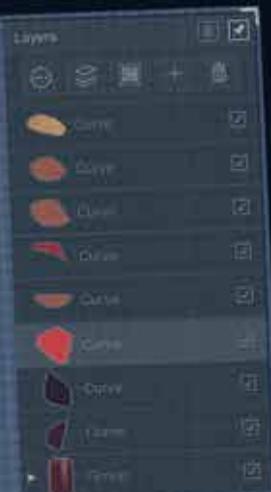


Sinoboom GTZZ46J

TEC RANGE BUILT FROM OUR BEST IDEAS

Unfold with one fingertip – that is possible with the assistance of the PALFINGER **P-Fold** system. Thanks to the intuitive radio remote control **PALcom P7**, the crane is folded and unfolded with only one lever movement – for an easy and fast set-up.

LIFETIME EXCELLENCE





NCCCO Lift Safety Zone

NCCCO

The NCCCO will once again host the Lift Safety Zone at the bottom of the Festival area close to where the shuttle buses drop off. IPAF is located right next door.

Jekko and Fassi

Jekko and Fassi dealer Fascan International will show a full range of Jekko spider cranes including the new 3.2 tonne SPX532 first seen at Bauma, with its new outrigger system and all-new electronics and hydraulics. The crane has a maximum tip height of 17.3 metres with jib, while the maximum radius is 14.8 metres. Slews 360 degrees continuous and the crane folds down to an overall width of 770mm with a compact overall length of 1.96 metres while weighing just 2,350kg. The SPX532 is available with lithium battery technology or with dual diesel/AC electric power packs. Another model of particular interest is the 11.5 tonne JF545 articulated crawler crane. Developed in partnership with sister company Fassi, the crane has a maximum tip height of 29 metres with 550kg capacity and a maximum radius of 26.5 metres, at which it can handle 365kg. It has an overall width of 1.8 metres, overall length of 5.5 metres and an overall height of 2.7 metres. The company is also showing the two tonne MPK20 Minipicker pedestrian operated pick & carry crane and its six tonne SPK60 mini crawler crane.



Jekko JF545

LGMG

This will be the first Conexpo for LGMG America which was established last year in Chambersburg, Pennsylvania.

JLG

JLG will have both aerial lifts and telehandlers on display but one of the more interesting might be the ultra compact four metre/1.35 tonne SkyTrak 3013, built by AUSA and announced a few weeks ago.



SkyTrak 3013

Skyjack

Skyjack will show its new generation boom lifts, the company's 40 and 60 ft booms now feature increased platform capacities and dual-module control system and advances telematics and technology.



SJ9253



Dinolift 220XSE

Snorkel

Key products on the Snorkel stand will include the new Lithium powered Speed Levels and the 19ft S3019E slab scissor lift with the scissor stack stowed inside the chassis providing an overall stowed height of just 1.76 metres. It also has direct electric drive and steer eliminating hydraulic hoses, while extending battery life between recharging.

Platform Basket

If you have not already seen it check out the company's insulated boom spider lifts, developed in North America but now available worldwide.

CMC

CMC and its dealer All Access will show some of its latest spider lifts possibly including the new 28 metre S28.

Dica

Dica will display its lines of outrigger pads, cribbing blocks, pole barriers and introduce a new product type.



Dinolift

Dinolift is launching its new North American distribution business and will show both trailers and booms with a focus on its lightweight self-propelled boom lifts which sell particularly well in the USA.

AMCS

French anti-collision software specialist AMCS promises some world previews on its stand with local dealer Finnco Services. The new anti-collision and zoning system for tower cranes DCS 61-S (Driving Control System Safety) is now available.

A1A Software

A1A Software has live demonstrations of several new features within its 3D Lift Planning and iCraneTrax fleet management programmes. These include integration between the two allowing users of both products to save 3D Lift Plans to iCraneTrax job records and to check the availability of a crane to be scheduled before selecting it for lift plan creation. Both products are also more accessible on the go. New tools for gathering lift planning information with a tablet or computer include Sketch Pad, Crane Comparison, Load Chart Viewer, Crane Loads Calculator and Mat Calculator.



Platform Basket 43T

So who is exhibiting?

The following is an alphabetical list of all exhibitors that produce products or services that have any relationship to lifting equipment, predominantly cranes, access and telehandlers. More detailed lists by product sector will be found in the Vertikal Conexpo Guide.

Company	Stand No/Hall	Company	Stand No/Hall	Company	Stand No/Hall
A					
3B6	B92112	Bobcat	N10001	Dinamic Oil	S81554
A1A Software	F7804	Bonfiglioli Riduttori	S83617	Dingli	BL262
AAH Fluid Power	S81359	Bosch Rexroth	S80215	Dinolift	F3178
Aarcomm Systems	B93227	Brand Hydraulics	S81516	Doosan Bobcat	N10001
Accella Tire Fill Systems	C22400	BrandSafway	F3376	Double Coin	F100710
AGF	F3776	Bridgestone	N13166	E	
Air-Weigh	S62052	Brigade Electronics	S62645	Eaton	S80231
Airo Industries	F100200	Briggs & Stratton	B7405	Eberspaecher	B92725
Alimak	F2886	Broderson	F7538	Elliott	F5826
All Access Equipment	F8252	Brutus Truck Bodies	B7228	Enerpac	S60713
Alliance Tire Americas	F6708	Bucher Hydraulics	S82119	Everdigm	S5054
Allied Pedestal Boom Systems	B90111	C		EZ Scaffold	B7427
Allison Transmission	S84831	Camso	C22521	F	
Almac	F5836	CAN in Automation	SL80201	Falcon	F5836
Alps Wire Rope Corporation	F100027	Casagrande	F5815	F&M Mafco	F101826
Altec	F7838	Casar	F101111	Faresin	B7227
AMCS technologies	F101211	Caterpillar Engines	S84331	Fascaan	F4569
American Road & Transp. Builders Assoc.	GL11080	Caterpillar	F4455	Fassi	F4569
American Roller Bearing	S62545	Cavotec	B8901	Faun Trackway	B9208
American Soc. of Mech. Eng. (ASME)	GL12594	China Construction Machinery Association	GL31901	Faymonville	F2872
ANMOPyC	GL12287	CM Labs Simulations	F100911	FM Gru	S5174
Applied Machinery Sales	F5785	CMC	F8252	Ford	S61139
Arcomet Service	F7456	COBO	B92112	Freightliner	S63639
Armadillo Tire	F100111	Cobra Next	B7228	G	
ASM Sensors	S80041	Comansa	F5803	Galizia	F5836
Assetworks	S65616	Comer Industries	S82831	Gates Corporation	S80731
Assoc. General Contractors of America	GL11279	Cometto	F2872	Geda	F8728
Associated Wire Rope & Rigging	F7338	Construction Equipment Association	GL11681	Gehl	F4458
Assoc. of Equip. Management Prof.	GL20701	Continental	F101403	Genie	F7376
Association of Equipment Manufacturers	GL20401	Cormach	F3780	GKN Wheels	C23031
ASV	F100801	Cormidi	BL155	GKS Lifting and Moving	F101424
ATN See Fassi	F4569	Cranes & Access	F101325	Globe Trailers	F3165
ATC - Mateks	S83300	Crane Hot Line	F101419	Goldhofer	F7310
Atlas	BL636	Crane Industry Services	F101524	Goman	BL251
Auburn Gear	S82431	Crane Inspection & Certification Bureau	F100804	Goodyear	N11557
AuctionTime	S64818	Cranes 101	F101524	Groeneveld Lubrication	N10867
Autec	C23000	Cranesmart Systems	F101525	Grove	F6144
Auto Crane	C22020	Crosby	C20637	Gunnebo	F3686
Avant Tecno	F3768	Cross Manufacturing	S81323	H	
B					
B2W Software	S65228	CrossControl	S84043	Harrington Hoists	F101201
Bailey Specialty Cranes and Aerials	F8730	Cummins	S84407	Hatz	S84106
Baldwin Filters	S85321	Curtis Instruments Inc	B90330	Haulotte	F6134
Bauer	F6946	Curtiss-Wright	S83131	HAWE	S81142
bauma 2022	GL12596	D			
bauma China	GL20903	Dana	S84707	HBC-radiomatic Inc	C22133
bauma CTT Russia	GL20903	Danfoss	S80931	Hetronic	B9906
Bibbi lift	F5836	Delta Power	S83043	Hinowa See JLG	F5324
Bigge Crane and Rigging	F100905	Delta-Q	F100127	Hirschmann	F101819
Bil-Jax	F6134	Demag Tadano	F8004	Historical Construction Equipment Assoc.	GL12286
BKT	C22705	Denka	F5836	Hitachi	N12525
Bluelift	F5836	Deutz	S85231	HMF - IMT	N12367
		DICA Outrigger Pads	F8258	HoistCam by Netarus	S63646
		Dieci	F2879	HookCam	F3168
				Hubei Goman	BL251

Company	Stand No/Hall
Huddig	F1739
Hunan Sinoboom Heavy Industry	BL240
Hunger Hydraulics	S80359
HYDAC	S80843
Hydra Dyne Technology	S81743
Hydra Tech Pumps	C31094
Hydro Mobile	F3776
I	
IC-Fluid Power	S80515
Igus	S85200
Imder - Turkish Construction Association	GL32001
IMET	B92922
IMT	N12367
Intermat	GL10978
International Powered Access Federation	F9100
International Union of Operating Engineers	GL10780
Interstate Trailers	F3771
Iowa Mold Tooling	N12367
IPAF	F9100
IPS Cranes	C22900
Isuzu	S85406
J	
Jaso	F5200
JCB Power Systems	S84017
Jekko	F4569
JLG	F5324
JMG Cranes	F3572
K	
Kaufman Trailers	F1658
Kenworth	S62939
Kessler	S84931
KHL Group LLP (Construction)	S5998
Kinshofer	F2732
Knott Brake Company	S85421
Kobelco	F8338
Kohler	S84600
Kubota Engine	S84914
L	
Lampson International LLC	F100227
Landoll	S5165
Leavitt Cranes	S62651
Leguan see Avant Tecno	F3768
LGH	F2543
LGMG	BL606
Liebherr	F5258
Lift & Move USA	F9008
Lift Safety Zone - NCCCO	F9107
Lift Systems	F2339
Liftking Manufacturing	F7538
Linde Hydraulics	S81631
Linden Comansa	F5803
Link-Belt Cranes	F5211
LiuGong	F6781
LoJack	S61857
LUBE-A-BOOM	F100122
Ludwig System	F101401
M	
Maeda	F7532
Magna Lifting Products,	F100001
Magna Tyres	F100611
Magnetek	S82043
Magni Telescopic Handlers	F3459
MAIT	F1534
Manitex International	F6258
Manitou	F4458
Manitowoc Cranes	F6144
Mantis Tadano	F7556

Company	Stand No/Hall
Mastr Control Technology	B92913
Maxilift Next Hyd	B7228
Mazzella Lifting	F100024
MEC Aerial Work Platforms	F5825
Meritor	S84207
Merlo	F5785
Mi-Jack Products	F7538
Michelin	C22521
Miller	F101800
MinnPar	C20347
Mitchell Crane	F100222
Moba	C32579
Movex Innovation	F100425
Mustang Manitou	F4458
N	
National Assoc. of Women in Const.	GL10982
NCCCO	GL10878
Nelson	F2358
Next Hydraulics	B7228
Nimet	S83531
North American Crane Bureau	S65321
North American Hydraulics	S82419
O	
OEM Controls	S81506
Oil & Steel	F6258
Operating Engin. Training Institute Ontario	F100911
Ormig	F2460
OTR Wheel Engineering	B91808
P	
Palfinger	F7256
Parker Hannifin	S80245
PAT - Wika	F101819
PB Liftechnik	F5836
Panny & Giles	S83131
Peri	F3785
Perkins Engines	S84331
Peterbilt	S63909
Pettibone	N11265
Pfeifer	F101423
Platform Basket	F6815
PM	F6258
Poclain Hydraulics	S81613
Potain	F6144
Power Step	F101425
Prinoth	F3263
PVE Equipment	F1240A
R	
Raimondi Cranes	F3370
RaycoWylie	F2532
RBI Bearing	B93126
ReachMaster	F5836
Rexnord	S62628
Rigging Warehouse	B92324
Rotzler	S83842
Rud-Chain	F101823
Ruffy Controls	B93909
Ruthmann	F5836
RYCO Hydraulics	S80453
S	
Sage	S64419
Sany	F7826
Scania	S85630
Scanreco	C22125
Scheuerle	F3264
Sennebogen	C22004
Sentry Tire & Rubber	B93218
Serious Labs	F100901

Company	Stand No/Hall
Shuttlelift	F3574
Sinoboom	BL240
Skyjack	F6014
SkyTrak	F5324
Smart Lift	S62651
SMIE	F5267
Snorkel	F100211
Soilmec	F1748
Spanco	S61838
Spartan Mat	B92518
Specialized Carriers & Rigging Assoc.	F100101
Spydercrane	F5204
SSAB Hardox	C33019
Steel Erectors Association of America	GL31201
STI & Tiger Cranes	F5068
Stros	F3180
Sun Hydraulics	S80917
Sunfab Hydraulics	B93013
Sunward	BL414
Superior Tire & Rubber	C32467
T	
Tadano	F7556
Tadano Demag	F8004
Talbert	F5504
Tele Radio	F100023
Telemecanique	B92626
Terex Cranes	F7376
Terramac	F1732
Teufelberger-Redaelli	F100923
Teupen	F1144
The Assoc. of Machinery Distributors	GL40001
The Western Group	C31221
Tiger Cranes	F5068
Timken	N10867
Trackunit Inc.	S62610
TracMec	F100018
Trail King	F7310
Trelleborg Wheel Systems	F101219
Trident	F100819
Trimble	F4467
TVH	C22201
U	
Unic	F5204
Union rope	F101111
V	
Valla	F6258
Van Beest	F101719
Verope	F100505
Vertikal Press	F101325
Volvo Trucks	F3432
W	
Wacker Neuson	F2548
WIKI Mobile Control	F101819
Winlet	F5836
WireCo WorldGroup	F101111
Wolfkrann	F5832
X	
XCMG	F6424
Xtreme Manufacturing	F6962
Xuzhou Const. Machinery Group - XCMG	F6424
Y	
YAK Access	B90618
Yoder & Frey Auctioneers	S65433
Z	
ZF	S85113
Zhejiang Dingli Machinery - Dingli	BL262
Zoomlion	F6270
ZTR Control Systems	S63009