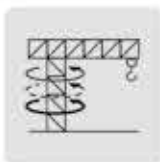


CTT 292-12

PRECISION IN MOTION



70m JIB LENGTH | MAX CAPACITY OF 12t | 3 TOWER SYSTEMS



T-Torque



Terex
Power Plus



Easy Setup



Terex
Power Match



T-Link



Electric
by Nature



TEREX® | **TC**

in f   

www.terex.com/tower-cranes



BUSINESS AS USUAL?

Conexpo 2020 will be remembered as the 'Covid 19' show when the reality of the pandemic really hit home. The week began with 'business as usual' but on day three turned to panic as the pandemic caused a premature end with visitors making a dash for home before impending travel bans were implemented.

This year North America's largest construction equipment show should be back in full swing, the first of the big international construction equipment exhibitions to be operating as normal in terms of organisation and timing. However, while the pandemic might have passed its peak, there are several other challenges including sustainability concerns and other issues causing some manufacturers to question the environmental impact of mega shows compared to more local events.

Conexpo is missing several big companies including Manitowoc, Genie, JLG, Bronto and Ruthmann, along with tower crane manufacturers Wolffkran and Raimondi. However, most of the major crane, aerial lift and telehandler manufacturers are attending. For some of those missing the main reason is its proximity to the postponed Bauma - still the biggest and most important construction equipment show in the world - which was held October just five months ago. This also means there will not be too many radical new product launches - in fact most of the new products on display will be North American launches of products unveiled at Bauma - however there are still many interesting new products and a few firsts.

One of the most notable changes compared to three years ago is the rapid shift towards more environmentally friendly products. Almost every stand will feature electric or hybrid products compared to a tiny minority in 2020.

This year the show has a changed layout with a new West Hall added to the Convention Centre as well as increased outdoor exhibition space. However, the vast majority of crane, access and telehandler stands are in the Festival Lot with just a scattering of others in the North, South and West Halls as well one or

two in the Silver Lot.

In addition to this preview we will be publishing our separate bi-lingual - English and Spanish - Vertical Conexpo Guide to the show, which will be available online the week prior to the show with a printed version handed out at the event itself.

The guide includes large scale maps and detailed lists by product type and display area as well as an alphabetical listing. This can be downloaded in advance in order to plan your visit, however if you prefer to have a printed version, pick one up as you enter the show or from our stand in the Festival Lot.

Registration and entry tickets

There are three levels of ticket prices - the pre-registration general entry Show Admission is \$249 which gives access to the show and the option to purchase educational sessions. The All Access Pass is \$679 which includes show access and all the education sessions but has the option to purchase Tech Treks and/or Fluid Power Workshops. \$879 gets you the all singing, all dancing All Access Pass Plus which has access to everything. Booking the show admission tickets on line has a 10 percent saving which includes a three-day ticket for the monorail. However, having said that, speak to one of your suppliers, they may have tickets for you.

Transport

Traffic on the Vegas Strip is very congested most times of the day. However, a three day ticket for the monorail is included in your Conexpo entrance ticket and it takes just 15 minutes to go from one end of the Strip to the other. The monorail opens at 7:00 and runs till midnight on Mondays, 2:00 Tuesday to Fridays and 3:00 on weekends. There are also free shuttle bus services between the convention



centre and most major hotels during the show. Visit the show website for the schedule.

Taxis - usually available from the front of hotels - charge a fixed fee of \$3.50 plus \$2.76 a mile or 54 cents a minute when stationary. There is a \$2 addition for airport pickups and a \$3 fee for use of a debit or credit card. Rideshare - such as Uber and Lyft - are convenient and affordable however most hotels and casinos have designated rideshare pickup locations that are a long walk from the main hotel and casino areas.

Elon Musk's The Boring Company has opened the Vegas Loop, the first stage of its all electric, zero emission, underground public transportation system at the Las Vegas Convention Centre. It features Tesla vehicles driven by human operators at speeds up to 40 mph (64 km/h), capable of carrying up to 4,400 passengers an hour between Resorts World hotel and casino and the West, North, Central, and South Halls in minutes.

CONEXPO/CON/AGG 2023 - SHOW DETAILS

Dates: March 14-18th 2023

Tuesday - Friday 9.00 - 17.00

Saturday: 9.00 - 15.00

Where: Las Vegas Convention Centre

Here are some of the show highlights.

CRANES

Link-Belt will have a good few new products on show including a new 300 ton/250 tonne All Terrain crane - the 300AT. The five axle crane features a seven section 72.5m pinned main boom with a 21.6 metre bi-fold swingaway extension which can be hydraulically luffed. Two lattice inserts take the maximum tip height to 112 metres. Alternatively, a 2.4 metre heavy duty extension provides good capacities and line separation for two line lifting for applications such as precast wall panel installation. Maximum counterweight is 73.5 tonnes, and the crane can travel with the basic 3.6 tonnes of counterweight on board and not exceed axle loads of 10.4 tonnes per axle. Power is a single HVO-ready Cummins X15 diesel, driving a ZF Traxon automated manual transmission with integrated 'intarder' braking and paddle shift controls for easy stop and go on the road. Other new models include the 120ton/110tonne four axle 120TT all wheel steer Truck Terrain crane.

XCMG has its latest All Terrain - a new four axle 100 tonne/110 ton model - and possibly a version of its new 60 tonne three axle XCA60 E/EV electric /hybrid All Terrain crane that it unveiled at Bauma. It will also display a new boom truck - most likely a 50 ton unit - which will extend its range upwards.

Tadano will have a substantial display and the star of the show will be its much awaited All electric Rough Terrain crane - details of which will be unveiled at the show. Other new products will include many of the products unveiled at Bauma including the four axle 70 tonne/75ton AC 4.070-2 which can be equipped with the E-Pack emission free drive system, also look out for the new two axle A 2.040-1. The company is also promising some new tuck cranes to be launched at the show.

Broderson will unveil two new pick & carry cranes - the classic 25 ton IC-400-C industrial carry deck crane and a nine ton all-electric ICe-80 which the company claims will be a game-changer. It will also be unveiling a new 20 ton cab down Rough Terrain - the RT-400B - which it says is a completely redesigned version of the current RT 400 - a '20 ton crane with a 15 ton footprint'. Manitex also has a new 15 ton cab down Rough Terrain with Badger DNA but now branded as Manitex.

Liebherr will show several new cranes although most are models launched at Bauma. It is highlighting the new 100 tonne/110 ton five axle LTM 1100-5.3 with its 62 metre main boom and can travel with a substantial portion of its counterweight on board and can even meet nine tonne axle loads. Its new 130 tonne/140 ton two axle Rough Terrain the LRT 1130-2.1 has a seven section 60 metre main boom which it claims is the longest on any two axle Rough Terrain crane. The new 400 tonne/441 ton LR 1400 SX will be rigged with 41 metres of main boom topped with a 44 metre luffing jib. The new crane has been designed for easy transport between sites with the heaviest single load of 46 tonnes.

Fascan will show a wide spread of **Jekko** spider cranes and mini picker cranes. New



Link-Belt



Tadano E-Pack



Jekko SPX328



XCMG XCT35



Liebherr LTM 1100-5.3

Broderson



Snorkel unveiled its prototype SJ2100 at Conexpo 2020



Zoomlion ZT186J/ZT58J

models will include the all-new 2.8 tonne lithium battery powered SPX328 with a 10.5 metre lift height on the main boom and 12.8 metres with its unique all-electric jib. It also features the latest, state of the art, built-in multi-function 10 inch screen which is worth a demonstration. Also on show are its three larger articulated JF series cranes including the 6.1 tonne/6.7 ton JF235 bi-energy model, and a selection of glass handling attachments.

AERIAL WORK PLATFORMS

This year, the two largest boom lift manufacturers - **Genie** and **JLG** - are not exhibiting although both have some sort of presence through affiliated companies. There are, however, plenty of new and innovative boom lifts to see.

Shown as a prototype at Conexpo 2020, the largest mega boom at the show is likely to be Snorkel's 210ft SJ2100 which is now ready for production. Snorkel may well also have some major surprises. Close behind is **Zoomlion's** new 186ft ZT186J/ZT58J which was launched at Bauma. It has a 25.5 metre outreach and dual platform capacity of 300kg and 454kg. Zoomlion will also show its 88ft ZT88JE/ZT26JE electric telescopic boom lift offering 22.1 metres of outreach and equipped with an 80V lithium battery.

Leguan will launch its all-new 22.5 metre Leguan 225 tracked spider lift. **CMC/ALL Access Equipment** will show the new 30 metre 100HD+ Arbor Pro model and the 23 metre I23/75i with 48kVA insulation. **Socage** is launching three new models and a new brand called Socage Raptor, including the 15 metre Raptor 15S, the 18 metre Raptor 18S and the 21 metre Raptor 21S. **Hinowa** will be at the show, possibly with its new 40 metre spider lift, with one unit in JLG colours.

Sinoboom will highlight its 66ft TB660J Plus straight telescopic with jib and dual platform capacity - 454kg and 300kg - which was shown at Bauma.



Sinoboom TB660JPlus



Dingli BT34ERT



Manitou TJ85



Skyjack SJ45 AJ

MEC has promised plenty of new models which it is keeping secret for now, but it will launch and all-new 85ft boom lift, its largest to date which the company says will be 'different' - possibly with electric or hybrid power. Look out also for its new 'No oil' Nano10-XD with a lithium ion battery pack and standard 'Xtra Deck'

Dingli - which has been prolific in launching many new models over the past year - will have at least 39 machines on its stand so it will be packed. New models will include its new lithium battery powered boom lifts topped by the 139ft BT44RT telescopic and its new D series, lighter weight booms.

New to the North American access market is **Manitou** which will highlight its 85ft TJ85 telescopic with new high flotation sand tyres. Also on the stand are its electric models which feature an inboard motor and heavy duty axle drive.

Skyjack will show its new 45ft SJ45 AJ and 60ft SJ60 AJ articulated boom lifts with smaller engines and Smartorque drive - electric versions might be close behind.

LGMG will have 11 lifts on display including its first mast boom in North America - the 10 metre M2640JE/M0810JE and two new boom lifts - the 65ft battery powered T65JE/T20JE and

H-series diesel powered 85ft T85J-H/T26J-H. The T65JE has a working height of 21.8 metres and outreach up to 16.6 metres. The T85J-H has a working height of 27.9 metres and a maximum outreach of 21.6 metres. LGMG will also unveil its next generation of electric scissor lifts.

TELEHANDLERS

Local manufacturer **Xtreme/Snorkel** is hinting that it may have the world's largest fixed frame telehandler ready to unveil - possibly reaching heights of around 30 metres. On the same stand Snorkel has a selection of Faresin built models - both diesel and electric - ranging from the Full Electric six metre model up to a standard 17 metre diesel.

FULL ELECTRIC



LITHIUM BATTERY



0 EMISSIONS



LOW NOISE LEVEL



2,6 / 4,5 TON CAPACITY



6 / 17 M LIFTING

6.26

Agile, quiet and sustainable. Faresin 6.26 Full Electric telehandler is suitable for any type of usage, thanks to its 2.6 ton lifting capacity and a maximum height reach of 6m. Twin of the diesel-powered version, it was created to be the equivalent eco-friendly alternative.

14.42 | 17.40 | 17.45

A range created for great heights, with a three-section boom for a maximum lifting height of 17 meters and a maximum load capacity of 4.5 tons. Front stabilizers and tilt correction system ensure better performance and greater stability when lifting at high heights on any type of terrain.



FARESIN INDUSTRIES SPA - Via dell'Artigianato, 36 - 36042 Breganze, Vicenza
Tel. +39 0445 800300 - Fax. +39 0445 800340 - faresin.com



Manitou ULM micro telehandler



Pettibone Traverse



Skyjack SJ519 compact



Manitou will have one of the most extensive line ups of new products on display, including an all-new five model range of North American models - the MTA line of fixed frame models - with new chassis and longer wheelbases for improved capacities and stability. They are also equipped with new operating systems that enable such functions as automatic parking brakes, overload systems and seat belt warning lights. The show will also see the North American launch of its four metre/12ft ULM 415H micro telehandler and its first all-electric 360 degree telehandlers - the 22 metre MRT 2260e and 26 metre MRT 2660e - with lithium ion battery pack and the option to add a range extender generator or second battery pack.

Merlo will highlight its all-electric compact E-Worker unit, as well as its latest Roto 360 degree models which have been recently updated. Skyjack will have a SJ519 TH compact and the 17m/56ft SJ1256 THS, both of which are now being produced at its all-new production facility in Mexico.



Manitou ULM 412



Merlo E-Worker

Pettibone's latest model - the Traverse T944X with a 13 metre/44ft lift height - has 1.75 metres of boom traverse allowing loads to be moved forward without changing height or moving the base machine. Bobcat will host the North American launch of its brand new compact model - the 2,500kg/5.8 metre CTL519 - with two speed hydrostatic transmission.

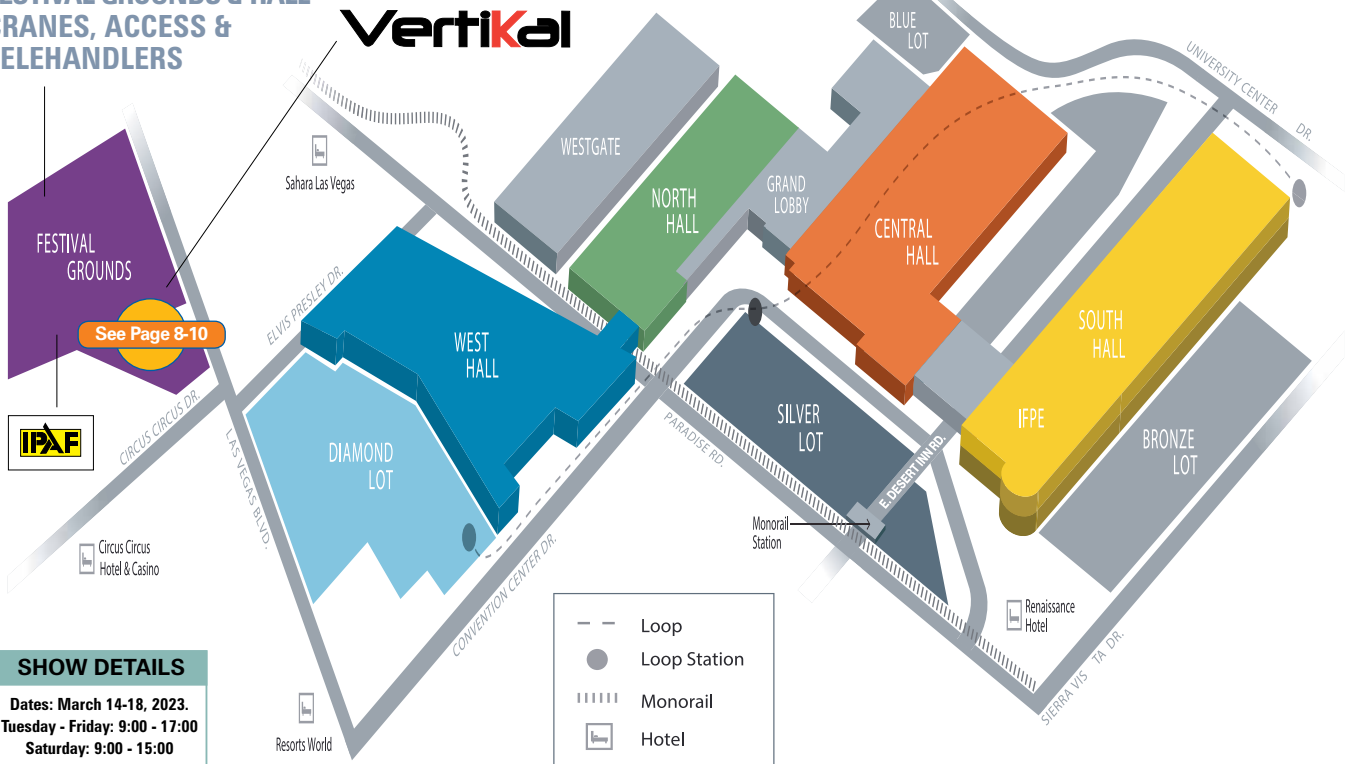
Wacker Neuson plans to launch a North American version of its ultra-compact 1.45 tonne/4.3 metre 1445 telehandler. Ausa is not sure, but might have one of its micro telehandlers on display. JCB has a stand for its hydrogen business, but no telehandlers on display.

2023 OVERVIEW MAP



FESTIVAL GROUNDS & HALL
CRANES, ACCESS & TELEHANDLERS

Vertikal



See Page 8-10



SHOW DETAILS

Dates: March 14-18, 2023.
Tuesday - Friday: 9:00 - 17:00
Saturday: 9:00 - 15:00

- Loop
- Loop Station
- ||||| Monorail
- 🏨 Hotel



is Lifting

AUTISM AWARENESS

Jekko USA and Fascan Int. organized a **charitable lottery** offering as a prize a \$90,000 worth MPK20 minipicker, with a customized design in the occasion of this initiative. All the proceeds will fund the **Kennedy Krieger Institute**.

**Scan the QR code to buy your ticket
and have a chance to win!**



LIST OF EXHIBITORS

STAND No	
Mobile cranes	
Altec	F9152
Bailey Cranes	N12163
Bigge	F9541
Broderson	F9441
Cormach	F9585
Elliott	S63229
Jekko	F9227
JMG	F8353
Liebherr	F9253
Link-Belt	F9213
LiuGong	F9205
Manitex	F9727
Ormig	F8748
Palfinger	F9471
PM	F9727
Sany	F9553
Sennebogen	N10827
Smiley Lifting Solutions	F9741
Spydercrane	F9741
Tadano	F9707
Terex	S5435
Valla	F9727
XCMG	F9413
Zoomlion	F9615

Rough Terrain Cranes • Grúas para terrenos accidentados	
Badger	F9727
Bigge	F9541
Broderson	F9441
Liebherr	F9253
Link-Belt	F9213
Manitex	F9727
Sany	F9553
Tadano	F9707
Terex	S5435
XCMG	F9413
Zoomlion	F9615

Pick & Carry Cranes • Grúas Pick & Carry	
Broderson	F9441
Fascaan	F9227
Jekko	F9227
JMG	F8353
Manitex	F9727
Ormig	F8748
Smiley Lifting Solutions	F9741
Terex Franna	S5435
Valla	F9727

Crawler cranes • Grúas de celosía	
Bigge	F9541
Demag - Tadano	F9253
Kobelco	F9453
Lampson International	N11266
Liebherr	F9253
Link-Belt	F9213
Mantis - Tadano	F9707
Sany	F9553
Sennebogen	N10827
Sunward	F8841
Tadano	F9707
XCMG	F9413
Zoomlion	F9615

Spider cranes • Grúa Araña	
AlmaCrawler	F9627
Fascaan	F9627
Jekko	F9627
Maeda	F9641
Movex Inovation	N10776
Spydercrane	F9741
Track-O	N10776
Unic	F9741

STAND No	
Foundation Cranes	
Bauer	D1627
Casagrande	D2439
Liebherr	F9253
Mait	D3207
Sany	F9553
Sennebogen	N10827
Soilmec	D2507
XCMG	F9413

Tower Cranes • Grúas Torre	
Comansa	F9579
Jaso Tower Cranes	F9308
Liebherr	F9253
Linden Comansa	F9579
Sany	F9553
Terex	S5435
XCMG	F9413
Zoomlion	F9615

Loader cranes & Boom trucks	
Altec	F9152
Cormach	F9585
Custom Truck OS	S63906
Elliott	S63229
Fascaan	F9627
Fassi	F9627
Ferarrri	S65028
HMF	N11215
IMT	N11215
Load King	S63906
Manitex	F9727
Maxilift	F8445
MPG loader cranes	C22712
Next Hydraulics	F8445
PM	F9727
Tadano	F9707
TKA Cranes	N10126
Venco Venturo	S65028
XCMG	F9413

Boom lifts • Plataformas autopropulsadas	
Almac	F9227
Bailey Cranes and Aerials	N12163
Dingli	F9167
Genie *no display	S5435
Imer	D1332
JCB	S83751
JLG - Hinowa	W44066
LGMG	F9527
LiuGong	F9205
MEC	F8252
Sinoboom	F8542
Skyjack	F9427
Snorkel	F9227
Terex	S5435
XCMG	F9413
Zoomlion	F9615

Scissor lifts	
Almac	F9227
Bailey Cranes and Aerials	N12163
Dingli	F9167
Genie *no display	S5435
Imer	D1332
JCB	S83751
LGMG	F9527
LiuGong	F9205
MEC	F8252
Pettibone	W42417
Sinoboom	F8542
Skyjack	F9427
Snorkel	F9227
Terex	S5435
XCMG	F9413
Zoomlion	F9615

STAND No	
Truck Mounted lifts Plataformas sobre camión	
Altec	F9152
Anderson UnderBridge	S60853
Custom Truck OS	S63906
Elliott	S63229
Manitex	F9727
Palfinger	F9471
Socage	N10073
Terex Utilities *	S5435
TKA truck mounts	N10126

Spider lifts Plataformas de Araña y remolcables	
All Access Equipment/CMC	F8358
Avant Techno	D1408
CMC	F8358
Comet AMS	F9626
Cormidi	F8152
Hinowa	W44066
Imer	D1332
JLG	W44066
Leguan	D1408
Manitex	F9727
Oil & Steel	F9727
Platform Basket	F9330
Sinoboom **excl-USA	F8542
Socage	N10073
Teupen	F9168

Mastclimbers & Hoists Plataformas de mástil	
Century Hoists	F9484
Geda	F8645
Hydro Mobile	F9484
Jaso	F9308
Powerclimber	F9484
Raxtar	F9484
Saeclimber	D2101
Safi	S5160
Stros & Ucel	F9302

Low Level	
Dingli	F9167
Imer	D1332
LGMG	F9527
MEC	F8252
Sinoboom	F8542
Skyjack	F9427
Snorkel	F9227

Telehandlers • Manipuladores Telescópicos	
AMS - Merlo	F9626
Ausa	F9576
Bobcat	W41145
Caterpillar	F9127
Faresin - See Snorkel	F9227
Gehl	F9313
JCB	S83751
Landoll	S5838
LGMG	F9527
Liebherr	F9253
Magni TH	F9606
Manitou	F9313
Merlo - AMS	F9626
Pettibone	W42417
Sany	F9553
Sennebogen	N10827
Skyjack	F9427
Snorkel	F9227
Wacker Neuson	W43501
XCMG	F9413
Xtreme Manufacturing	F9227
Zoomlion	F9615

*Terex has a stand, but will not show Genie/Terex Utilities products **Sinoboom brands Falcon spider lifts but does not offer them on USA