



*Haulotte's all new 46ft Sigma 16 pure electric boom lift*

## All new Haulotte boom

Haulotte has unveiled the all new 46ft 'Sigma 16' and 'Sigma 16 Pro' all electric articulated boom lifts which the company says is the result of a totally new 'white paper' design.

The new lift employs a dual arm sigma type over-centre riser, topped by a two section telescopic boom and jib with 130 degrees of articulation. The jib on the Pro model also offers 110 degrees of horizontal rotation - 55 degrees either side of centre. It has a working height of 16.1 metres and an unrestricted platform capacity of 230kg. The standard platform is 800mm deep by 1.2 metres, with the option of a 1.5 metre wide alternative. Dual side and front entrances are also available.

Maximum outreach is 8.35 metres – or 8.05 metres on the Pro due to the different configuration of its rotating jib – at an up & over height of 7.6 metres, all with zero tailswing or forward projection beyond the machine's 1.75 metre overall width, once the risers are fully raised. It also offers a perfectly vertical lift, from two to 7.6 metres. Overall stowed length is 6.6 metres, with an overall height of two metres.

Drive is provided by four AC electric wheel motors powered by a 48 volt system with eight 435Ah six volt lead acid batteries. Haulotte's Activ Screen with remote diagnostics is standard, while its Activ Energy Management, manual or automatic battery top up system and new Sherpal telematics suite are optional. The control console is similar to the company's RTJ range with Activ Shield secondary guarding. Other features include the Activ Lighting System for safer work at night, especially when loading or unloading.



*The Sigma 16 Pro jib offers 110 degrees horizontal rotation*

## New 80t from Tadano



*At 60m the AC 80-4's boom is 10m longer than the AC 60-3 and AC 100-4*

Tadano Demag has launched a four axle 80 tonne AC 80-4 All Terrain crane fitting between the 60 tonne AC 60.3 and two 100 tonne AC 100s. The new crane has a seven section 60 metre main boom which can handle 5.4 tonnes at a 30 metre radius. A 6.5 metre heavy duty swingaway extension, which offsets at 25 to 50 degrees, can handle loads up to 23.8 tonnes, while a 1.5 metre 'runner' extension has a 26.6 tonne capacity. Single line pull on the main hoist is 6.8 tonnes, the maximum counterweight is 17.7 tonnes.

The company claims the crane is the most compact in its class, with an overall length of 12.15 metres, a carrier length of 10.6 metres, an overall width of 2.55 metres and an overall height of 3.85 metres. Front boom overhang is 1.49 metres. The crane can travel within 12 tonne axle loads with up to 9.3 tonnes of counterweight, the 6.5 metre extension and a three sheave hook block. It can also meet 10 axles loads with 3.3 tonnes of counterweight.

Power comes from a Stage V Mercedes diesel matched to a Mercedes-Benz G230-12 transmission with 12 forward and two reverse speeds. All wheel steer and two axle drive is standard, while a third driven axle is available. The new Flex Base variable outrigger system and Demag IC-1 Plus control systems, which come as standard, automatically calculate the capacity for the actual boom, outrigger set up and installed counterweight. An expanded graphic display provides the operator with a clear overview of the information and capabilities.

The company's new Surround View system with four cameras displays a diagram of the possible outrigger configurations and counterweight tailswing radius for the set up selected. When driving it also provides the driver with views along the sides of the crane as soon as the turn indicator is activated, allowing the operator to detect cyclists, pedestrians, or other obstacles. Demag's new electrohydraulic E-Pack option is available for working in enclosed or sensitive areas.



*The AC 80-4 includes Demag's Flex Base variable outrigger set up with automatic monitoring*



Potain has added an eight tonne MCT 185 Topless to its flat top range

## Potain adds to Chinese MCT line

Potain has added to its Chinese built MCT flat top tower crane range with the introduction of the eight tonne MCT 185 Topless. The new model shares the same features, transport, assembly and energy efficiencies as the other models in the MCT range, which are all built at the Manitowoc plant in Zhangjiagang and aimed principally at the regional Asian market.

The MCT 185 offers a 65 metre jib with a tip capacity of 1.5 tonnes. It has a 13.5 metre counter jib for use with the 30 to 45 metre jib lengths or a 16 metre counter jib for the 50 to 65 metre configurations. The crane can be installed on Potain's existing 1.6 metre L46 or two metre L68 towers and can also be used with the new 7.5 metre high S46JR reinforced tower base for freestanding heights up to 59.2 metres.

A choice of three Optima winches are available with up to 553 metres of rope storage. All three offer continuously variable speed control. The S110 Smartview cab comes as standard, while the V140S Vision cab is optional. Four trolley options are available with speeds of up to 80 metres a minute.

## New Terex Utilities units

US based vehicle mounted aerial lift manufacturer Terex Utilities has announced two new lifts. The first is the Genie based 45ft Z-45 Substation Utility Boom (SUB), a heavily modified version of the Genie Z-45 XC self-propelled boom. Intended for substation and other insulated applications, it features a fibreglass articulating jib and levelling rods as well as a heavy duty fibreglass platform. It offers a maximum working height of 15.8 metres, an outreach of 7.6 metres at an up and over height of seven metres with a 300kg unrestricted platform capacity. The maximum capacity of 453kg is available at just over six metres.

The company also unveiled a new 16.2 metre Hi-Ranger TL48 articulated telescopic aerial device suitable for new super duty chassis such as the Ford F600, International CV and Chevy 6500. The unit offers almost 10 metres of outreach with a 227kg platform capacity.



The new 16.2 metre TL48 on a super duty International CV chassis



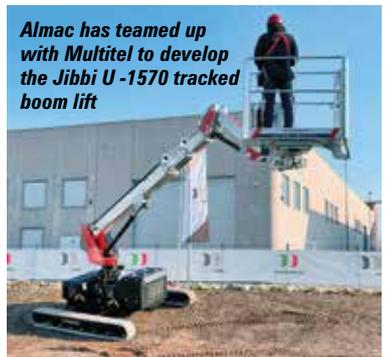
Terex Utilities' Z-45 SUB is a heavily modified version of the Genie Z-45 XC



## Almac Multitel tracked boom

Italian tracked aerial lift manufacturer Almac has teamed up with Multitel Pagliero to develop the 43ft AlmaCrawler Jibbi U-1570 tracked boom lift. The first in a new 'Ultralight' range, the Jibbi U-1570 combines a Multitel aluminium boom with AlmaCrawler Bi-Levelling undercarriage with an overall weight of less than 2,900kg. It features a three section telescopic boom topped by an articulating jib to offer a 15 metre working height and up to 8.4 metres of outreach with an 80kg platform capacity. Maximum capacity of 250kg is available at an outreach of up to 5.8 metres, while the machine offers 220 degrees of slew – 110 degrees either side of centre.

It is able to drive at heights of up to 9.5 metres on uneven ground or slopes of up to 22 degrees and can fully level on slopes of up to 15 degrees in both axis. The variable track widths include 1.35, 1.9, 2.15 or 2.45 metres with the working envelope automatically adjusted. Power comes from a three cylinder Yanmar diesel, while an AC electric drive motor is available as an option.



Almac has teamed up with Multitel to develop the Jibbi U-1570 tracked boom lift

## CEO change at Tadano

Tadano has announced that chief executive Koichi Tadano, 66, will move to a new role as chairman from the start of April. Toshiaki Ujiie, 59, will take over as chief executive, having served as chief operating officer since joining the company in April 2019, after 30 years with Marubeni.



Koichi Tadano



Toshiaki Ujiie

# A virtual launch

In February Skyjack unveiled a slew of new products over four days of virtual product launches, they are:

## 20ft mast

The 20ft SJ20 mast type lift joins the existing SJ12 and SJ16, but offers a working height of 7.95 metres, from its five section rearm mounted mast, with 159kg platform capacity. Features include direct electric wheel motor drive, 400mm traversing deck and optional outdoor rating for one person up to just under four metres. Initially only available in North America it has an overall weight of 1,170kg.

## Micro scissors

Next up two micro scissor lifts in the form of the 13ft indoor/outdoor SJ3013 for North America and the 14ft indoor only SJ3014 for Europe and other CE markets. The difference is purely the controlled lift height – although the SJ3014 stows slightly higher than the SJ3013. The new models are built for Skyjack by Chinese manufacturer Mantall and feature rear wheel DC brushless electric wheel motor drive, twin 12 volt maintenance free AGM batteries and a 760mm by 1.28 metre platform with a 510mm roll out deck extension. Platform capacity is 240kg, rated for two people indoors, while the SJ3013 has a one person outdoor rating.

## 64ft RT scissor

Staying with the scissor lifts, the company also unveiled the 64ft SJ9664 RT full size Rough Terrain scissor lift, which joins the SJ92 range but is slightly wider, due to a slightly extended outrigger width, in order to maintain



The new SJ45AJ+

stability without compromising performance. It offers a working height of 21.5 metres with a maximum platform capacity of 513kg. The 1.9 by 4.31 metre platform can be manually extended with dual roll-out deck extensions to an overall length of 7.1 metres. The new scissor stack has been strengthened for greater rigidity but retains the manufacturer's self-centring design that supports the platform equally at both ends as slide blocks move towards the centre of the chassis from each end. It can auto level on slopes of up to 10 degrees front to back, and six degrees side to side. Overall weight is just under 10 tonnes. Skyjack's Elevate telematics system is optional with first units due to ship in April.

## New & updated booms

Finally, the company launched new versions of its sub 66ft boom lifts. The SJ40/SJ45T+ and SJ61/SJ66T+ telescopic replace units of the same name. The articulated SJ45AJ+ replaces both the SJ46AJ and SJ46AJ+, while the new SJ60AJ+ replaces the SJ51/SJ63 and SJ63AJ+. Key changes on the new booms is the adoption of the new SmarTorque axle type drive train and high efficiency hydraulic system which harnesses the engine output more effectively, allowing the use of a smaller diesel without the need for particulate filters or DEF.

We will publish more information on these new models in the coming months, with further details found on: [www.Vertikal.net](http://www.Vertikal.net)



The Skyjack SJ20



The SJ3014 micro scissor



The new 64ft SJ9664RT

**TRIDENT**  
INTERNATIONAL PVT. LTD.

# TRAXTER

MEWP Tyres by Trident

Comprehensive Tyre Solutions for  
Boom Lifts | Rough Terrain Scissors | Telehandlers | Scissor Lifts

**Ex Stock availability of Tyres, Wheels & Assemblies for all makes and models**

- Ready to Fit Solid Tyres & Wheel Assemblies
- Ready to Fit Foam Filled Assemblies
- Non-marking Wheels for Scissor Lifts
- Consolidated Shipments
- Wheel Exchange Program

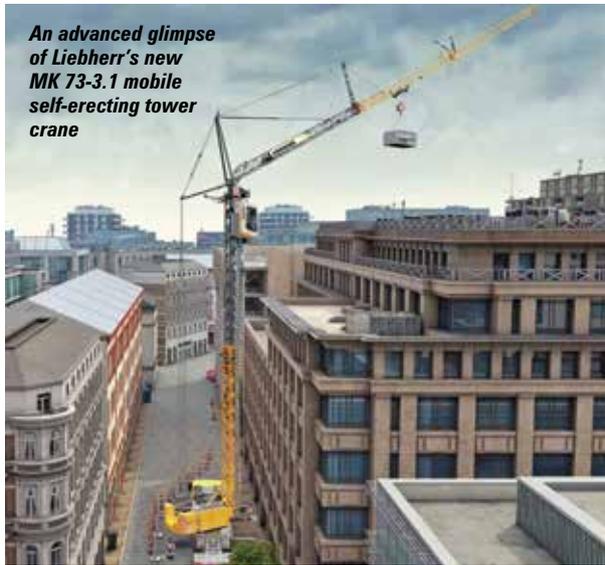
INDIA : Survey No. 70/A, Rashmi Industrial Estate, Wanawadi, Pune - 411 040  
India Phone : +91 20 71199100, Fax : +91 20 71199199 Email : [exports@trident-intl.com](mailto:exports@trident-intl.com)

[www.trident-intl.com](http://www.trident-intl.com)

# All new MK from Liebherr

Liebherr is to launch a brand new three axle mobile self-erecting tower crane - the MK 73-3.1 - at the end of the month. No details have been released, but an early photograph indicates that it has a two section lattice telescopic tower and a three section lattice luffing jib with trolley that can operate with the jib luffed to 30 degrees or more. Maximum lift height will be approximately 30 metres and it will likely feature Liebherr's Variobase variable outrigger system as well as its AC plug in power system when a sufficient source is available.

See: *Towering advantage* on p25 for more on mobile erecting tower cranes.



An advanced glimpse of Liebherr's new MK 73-3.1 mobile self-erecting tower crane

# Valla launches V110R

Valla has added a second model to its new range of battery powered pick & carry cranes, with the 11 tonne V110R joining the eight tonne V80R launched last year. It features a 10.4 metre three section boom plus short hydraulic swing away extension. The chassis telescopes by up to 700mm to increase the effect of the rear counterweight, while a front cross bar stabiliser can boost capacity by up to 40 percent.

The V110R can lift 11 tonnes at just under a metre from the front bumper, and take 1.9 tonne to 6.3 metres and four tonnes to a hook height of 10 metres. Power comes from an 80 volt/640Ah battery with an onboard charger, features include remote controls, non-marking tyres, front wheel drive, 180 degree rear steer and removable counterweights.



The V110R extends its chassis for improved capacities

# Smaller Falcon spiders

Danish spider lift manufacturer Falcon has announced a new five model range of spider lifts built under a private label agreement with CTE. The range includes hybrid and all electric lithium-ion models with working heights from 13 to 27 metres. While built by CTE the new models include key features found on the larger Falcons built in Denmark.

Falcon will offer smaller spider lifts for the first time.



NEW

# MIGHTY MICRO MEANS BUSINESS

Skyjack's new SJ3014 micro DC scissor lift represents a significant new presence in the low level access arena.

Ideal for easy accessibility into tight spaces, it has a quiet and swift electric drive, and maintenance-free AGM batteries.

The micro combines low cost of ownership with Skyjack's renowned product support - all at a price that means business.



# New loader crane from Effer

Effer has launched the 80 to 90 tonne/metre Effer 1000, its first all new crane since it was acquired by Hiab in 2018. The 1000 offers a maximum capacity of 25.8 tonnes at three metres and can be supplied with either an eight or nine section boom plus a six section jib.

The nine section boom offers a maximum radius of 22 metres at which it can handle 2.7 tonnes. When fitted with the heavy duty six section jib it has a maximum radius of 34.08 metres with 600kg capacity. Two additional manual sections takes this to 39 metres with a capacity of 420kg. Maximum tip height is just under 39 metres. Weighing 9,500kg it can be mounted on a 32 tonne chassis with six to 7.8 tonnes of spare payload. Features include variable outrigger set up, up & over heights of 26 metres, the ability to raise the boom to 83 degrees and Progress 2.0 remote performance and diagnostic system. Options include an EN280 compliant work platform and a glass handling attachment.



The Effer 1000

# Hybrid Goman scissors

Chinese manufacturer Goman has launched a four model range of dual power slab scissor lifts with working heights from eight to 16 metres. The 26ft S08D, 33ft S10D, 39ft S12D and 46ft S14D all have a 2.44 by 1.27 metre platform with 900mm deck extension taking the platform length to 3.7 metres. Platform capacities are 450kg and 350kg on the two smaller units and 230kg on the two larger ones. They are all 1.35 metres wide and 2.77 metres long, and weigh from 3,000kg to 3,750k.

Features include traditional hydraulic wheel motors, large solid wheels/tyres and automatic pothole protection, while four wheel drive and outrigger options are available. Drivable at full height, power comes from both a classic 24 volt 225Ah battery pack and a small engine with a choice of a Yanmar L70V diesel or a Vanguard 200 petrol/gas unit.



Goman's 33ft S10D is one of four models in a new dual power scissor lift range

**SPIDER LIFTS AT A HIGHER LEVEL FOR 40 YEARS**

**FALCON FS 330Z Vario**

- Working height of 33 meters
- Reaches 19 meter at an up and over height of 11 meters
- Wireless remote control of all functions
- 250 kg. basket load

**FALCON LIFTS**

falconlifts.com



Tadano's 700 tonne AR-7000N is available with a 42.5 or 63.3 metre main boom

## Tadano unveils 700t AT

Tadano Japan has unveiled a 700 tonne seven axle AR-7000N-1 All Terrain crane built specifically for the local market. Based on the 550 tonne AR-5500M launched in 1998, the AR-7000N features the same triple lift cylinder arrangement and heavy duty boom construction, but with a longer four section 42.5 metre pinned boom. Capacities are 35 percent better than the AR-5500M, and it can be equipped with up to 90 metres of luffing jib plus 25 metres of inserts for a maximum tip height of 146 metres. A six section 63.3 metre boom is also available which can be equipped with the regular jib or a four section 35 metre telescopic luffing jib. The maximum counterweight on both versions is 208 tonnes.

The crane has an overall length of 19 metres with the short boom and 18.8 metres with the long boom. Overall height is 4.3 metres however it has been designed to travel without superstructure in Japan. Features include the latest carrier cab from Germany with full camera system and new driver's seat as well as Tadano's Hello Net telematics.

## New Broderson carry deck

US crane manufacturer Broderson has launched a new 18 tonne IC-280-A industrial carry deck crane with 19.6 metre four section full power boom, a compact boom nose and a six metre extension to offer a maximum tip height of 27 metres. The 280 has three outrigger positions, removable pads and is the first Broderson with telematics as standard. Power comes from either a Cummins Tier 4F diesel or a GM 5.7L V8 propane engine, while maximum travel speeds are 18mph.



Broderson's new 18 tonne IC-280-A carry deck crane

## Comansa adds to 21LC series

Spanish tower crane manufacturer Comansa has added the 21LC600 and 21LC650 flat top cranes to its 21LC range. Based on the 21LC550, the new cranes are available in 20 or 25 tonne versions and offer jib lengths from 30 to 85 metres. They also have a shorter, modular counter jibs ranging from 16.4 to 24.4 metres.

Capacities on the new cranes are on average 16 and 23 percent higher than the 21LC550, both offer a standard double trolley system with automatic changeover. The cranes can be built to a height of 85.8 metres on the built-in base with 2.5 metre square towers. The 20 tonne versions have a standard 50kW hoist motor, while the 25 tonne versions come with a 65kW motor.

Comansa's Effi-Plus technology is standard, increasing the lifting and lowering speeds for light loads, without increasing power or consumption. The cranes are also equipped with Comansa's latest L Cube cab.



The 21LC600 and 21LC650 join Comansa's 21LC flat top crane range

**ROI** E-POWERED  
OPTIMISED DESIGN  
INCREASED CAPACITY

- Increased capacities
- New Kubota engines
- SMARTORQUE™ extended to the SJ60 AJ+ model
- 20% lower gross vehicle weight (GVW) on SJ45 AJ+ and SJ60 AJ+ models

With these changes, rental companies can quickly improve their return on investment.



**SKYJACK**  
simply reliable

NEW

SJ9664 RT

BIGGER.  
BETTER.  
SKYJACK.

Skyjack's new SJ9664 Full Size Rough Terrain has a working height of 21.51 m. With one of the largest work areas on the market, even more work can be done.

**SMARTORQUE™** technology provides an optimised balance of horse power, torque and hydraulic efficiency, maintains on-site performance, and keeps maintenance costs down.



**SKYJACK**  
simply reliable

# Financials round-up

**Palfinger** has reported full year 2020 revenues 12.5% below 2019 at €1.53 billion. Pre-tax profits were 36.1% lower at €85.1 million, while net debt was cut by 25% to €377.1 million. The company is forecasting revenues of €1.7 billion in 2021, almost the same as in 2019 which was a record year. The company has also sold its Norwegian lifeboat manufacturing operation in Ølve via an MBO, and is acquiring its Barcelona based distributor **Equipdraulic**.

Tower crane manufacturer **Woffkran** has acquired Czech crane rental company **Konstruktiva Lokus**, which operates a fleet of around 120 tower cranes. It employs 60, selling and renting cranes in Czech Republic, Slovakia, Germany and Poland.



Japan's **Sumitomo Corporation** has acquired Singapore based aerial lift sales and rental company **Aver Asia** in an all share purchase deal.

**JLG** has posted its first quarter revenues of \$563.7million - 21.5% down on 2019. Access sales were 9% lower at \$278 million, telehandler sales fell 39% to \$122.9 million and 'Other' revenues slipped 22.5% to \$162.8 million. Operating profit declined 64% to \$24.9 million. Parent company **Oshkosh** has also made a \$25 million investment in specialist battery manufacturer **Microvast**.



Australia's **Boom Logistics** reported first half revenues of \$84.2 million, down 11%. Pre-tax profit for the period was \$435,000 compared to a loss in the first half of 2019 of \$5.8 million. Net debt was slashed from \$27.3 to \$14.2 million.

**Forsyth of Denny** has acquired **Rodger's** crane hire business located in Earlston in the Scottish Borders.

**Manitowoc** ended 2020 with revenues of \$1.44 billion, down 21.5% on 2019. The decline led to a pre-tax loss of \$2 million, compared to a profit of \$59 million in 2019. Fourth quarter order intake increased 8% to \$508.6 million, leaving the backlog 14% higher at \$543.2 million.



Full year revenues at **Haulotte** declined 28% to €489.6 million, creating a pre-tax loss of €15.6 million compared to a €26.7 million profit in 2019. Net debt increased over the year by €11.6 million due to "strategic investments".



**Genie** sales fell 35% in 2020 to \$1.78 billion, with an operating profit of \$500,000, compared to \$196.2 million in 2019. Fourth quarter sales were \$412.3 million, down 18%, with an operating loss of \$1.9 million compared to a profit in 2019 of \$4.4 million. Order intake was \$753 million, the same as 2019, leaving the backlog up 10 percent at \$826 million, the highest it has been since the first quarter of 2019.

**France Elévateur** has acquired Spanish vehicle mounted lift manufacturer **Talleres Velilla** - which trades as **Movex**.



**United Rentals'** revenues for 2020 dipped 9% to \$8.53 billion, while pre-tax profits slumped 36.5% to \$249 million. Capital expenditure was cut from \$2.13 billion in 2019 to just \$961 million last year but will rise between \$2.21 and \$2.3 billion in 2021.



US' based rental software developer **Point of Rental** has acquired web design/hosting company **Rental Hosting**.

China's **Zoomlion** says that 2020 international sales increased 20% to around 4.3 billion Yuan (\$660 million) and expects a net profit of 7.5 billion Yuan (\$1.1 billion), 60 to 70% on 2019.

US **H&E Equipment Services** saw full year revenues slip 13% to \$1.17 billion. It had a pre-tax loss of \$41.4 million, although it would have made a small profit if it had not been for non-cash write offs.



2020 revenues at US based **Herc** dropped 11% to \$1.78 billion, however pre-tax profits jumped 50% to \$94.1 million thanks to lower costs and interest charges and no impairments.

UK rental company **Falcon Tower Cranes** has completed a new MBO.



UK rental group **Speedy** has sold the assets of its operation in Abu Dhabi to its primary customer **ADNOC Logistics and Services** for \$18 million in cash.

US based **Crosby** has made a significant investment in **Verton Technologies**, the Australian inventor of a remote controlled load orientation system that uses gyroscopes to eliminate the need for tag lines.



**Ashtead / Sunbelt** reported nine month revenues 2% lower at £3.76 billion, while pre-tax profits dropped 17% to £716 million. Revenues in the **US** declined 6% to \$4.03 billion while operating profits were 18% lower at \$1.1 billion. In **Canada** revenues improved 11% to \$356.6 million due to acquisitions, while profits also increased 11% to \$63.9 million. In the **UK**, Sunbelt posted revenues of £444.1 million, an increase of 21%, due to a surge in sales to the UK's Department of Health. Operating profit was 3% higher at £38.8 million.



**Hiab's** revenues for 2020 slipped 19% to €1.1 billion, but the backlog at year end was 24% higher at €503 million. Operating income was 39% lower at €97.3 million. Sales at sister company **Kalmar** were 11% lower at €1.53 billion. Operating income was €61.8 billion, down 60% on the year. Owner **Cargotec** saw sales drop 11% to €3.3 billion, with a pre-tax profit of €34.5 million - down 76% percent on 2019.

**Tadano** saw nine month revenues decline 11% to ¥132.5 billion (\$1.26 billion), with a pre-tax loss of ¥7.29 billion (\$69.3 million), compared to a profit last year of ¥9.4 billion (\$89.8 million).



For the full reports on all these stories check out [Vertikal.net](http://Vertikal.net)



PVE Cranes is developing a range of battery powered crawler cranes

## Electric crawler from PVE

Dutch crane sales and rental company PVE Cranes & Services is working with Dutch contractor VolkerWessels Materieel & Logistiek to develop a range of battery powered crawler cranes. The first model, scheduled for delivery by the end of the year, is the 160 tonne EC160 lattice boom crane which features a 42 metre boom and 43 metres of luffing jib. Power comes from a lithium ion phosphate battery pack with electric motors driving the hydraulic pumps. The company claims the battery pack, which comes with a five year warranty, can manage a typical eight hour shift and be charged when in use, while a high power charger can top up during breaks.

PVE is also planning further lattice models with 80, 90 100, 135 tonne capacities and three telescopic crawlers with capacities of 65, 80 and 120 tonnes. Prices are expected to be around 10 percent higher than a regular diesel crane. See: Green shoots on p38 for more on battery powered cranes.

## New 700t Liebherr crawler

Liebherr has unveiled a new 700 tonne LR 1700-1.0 lattice boom crawler crane which is set to replace its 600 tonne LR 1600/2 and 750 tonne LR 1750-1.0 crawler cranes. Sharing similar boom and ballast components as the LR 1600/2, the base machine has been redesigned to deliver between 10 and 15 percent more lifting capacity through the chart. The tracks are now slightly wider and more robust, with larger rollers to minimise wear when moving, while a four motor drive train is standard.

The crane features a 30 to 165 metre main boom, while its maximum under hook height of 196 metres is achieved with 102 metres of main boom and 96 metres of luffing jib. It can handle its maximum capacity at a radius of 8.5 metres, while maximum radius is 160 metres. Its derrick boom can be extended from 36 to 42 metres and features the company's V-frame, VarioTray and new 'M-Wagon' ballast trailer - which can also be used with the LR 1800-1.0 and LR 11000. Maximum derrick ballast is 375 tonnes.

In some configurations the LR 1700-1.0 can outperform the 750 tonne LR 1750/2. For example, with 84 metres of main boom and 84 metres of luffing jib, it can handle 50 tonnes at a radius of 84 metres, whereas the LR 1750/2 only manages 37 tonnes. When configured with a 102 metre main boom and a 12 metre luffing jib - often required on wind farm projects - it can handle 144 tonnes at a minimum radius of 18 metres, whereas the LR 1750 only manages 123 tonnes at a minimum radius of 20 metres.



Liebherr's LR 1700-1.0 is set to replace the LR 1600/2 and LR 1750-1.0



# JFS45 VMAX

Maximum versatility,  
endless possibilities









GRAPPLE  
SAW









MINICRANES | MINIPICKERS  
ARTICULATED CRAWLER CRANES  
TELE-CRAWLER CRANES  
VACUUM & TOOLS

[www.jekko-cranes.com](http://www.jekko-cranes.com)



## THE WHOLE SERIES OF DINGLI HAS BEEN ELECTRIFIED



Boom Lifts: 16m - 30.3m



Scissor Lifts: 5.9m - 22m



Vertical Lifts: 4.7m - 14m

- UK based **Hird** has taken two 20m **Oil&Steel** truck mounted platforms
- Scotland's **J & D Pierce** has taken six **Grove** cranes
- Lifting Projects UK** has taken two **Galizia** pick & carry cranes
- UK's **Aspire** has added 520 **JLG/Power Tower** lifts to its fleet
- GGR** has appointed **Steven King** as sales & commercial director
- City Lifting** has taken the first 120t **Liebherr** LTM 1120-4.1 in the UK
- Skyjack** is hosting a vaccination centre at its plant in Canada
- Swiss crane veteran **Leo Clausen-Gerold** has died
- Peinemann** has taken six 52ft **JLG** EC520AJ electric boom lifts
- Elevation** has taken the first **Hinowa** TC13N spider lift in the UK
- Germany's **Ulferts & Wittrock** has ordered 31 **Liebherr** cranes
- Drogheda Hire & Sales** has taken the first 13ft **Sinoboom** 1330SE micro scissors in Ireland
- Crowland Cranes** has taken a 60t **Liebherr** LTM 1060-3.1 and the first 150t LTM 1150-5.3 in the UK
- UK's **Bennie Equipment** has taken a **Faresin** 6.26 Electric telehandler
- Access industry veteran **Denis Ashworth** has died
- Italy's **CMC** has issued a safety bulletin for its 25m 83HD+ spider lift
- UK's **Upward Powered Access** has opened in Billericay, Essex
- Sicilian rental company **F.A.C** has taken a 220t **Demag** AC 220-5
- Anne Wickens/Anne James** retired from **Lavendon/Loxam** after 25 years
- UK's **Nationwide Platforms** has ordered 20 **Bravi Leonardo** HD lifts
- Germany's **AKM Autokranvermietung** has taken a 700t **Liebherr** LTM 1650-8.1 and a 120t LTM 1120-4.1
- Haulotte** has appointed **Sopadep** as distributor for Tahiti
- Scotland's **MacLeod Construction** has taken a 50t **Liebherr** LTM 1050-3.1
- Rental industry veteran **Dan Kaplan** has died
- Bigge Crane and Rigging** has opened a crane repair centre in Houston, Texas
- UK's **Joseph Merritt Group** has taken a 58t **JMG MC 580**
- Oil&Steel** has appointed **Fabio Quattrosoldi** and **Antonio Pirretti** to its technical/logistic team
- A Paris court has ruled on a patent case between **JCB** and **Manitou**
- Canada's **Armstrong Crane & Rigging** has taken a 200t **Tadano** ATF 200G-5 AT
- Greece's **Chrysanthopoulos Cranes** has taken a 90m **Bronto** S90HLA truck mounted platform
- UK's **Speedy** has opened a specialist hoist division with **Geda** hoists
- Versalift UK** has appointed **Derek Murdoch** as service manager
- UK's **MV Commercial** has ordered 100 **Hiab** loader cranes
- Italy's **Moritsch** has delivered its first new 16t **RTL 195** luffing jib tower crane
- Dutch company **Peinemann** has taken two 55t **Demag** AC 55-3 AT cranes
- Goldhofer** has appointed **Specialist Trailer Hire** as a UK dealer
- APEX** and the **IRE** exhibitions have been cancelled
- Mammoet** has added eight cranes to its Middle East operations
- Spain's **Elevaciones Archipiélago** has taken seven **Snorkel** booms and scissors
- Klubb** has appointed **CDP Access** as distributor for Romania



**Steven King**



**Leo Clausen-Gerold**



**Denis Ashworth**



**Ann Wickens**



**Dan Kaplan**



**Fabio Quattrosoldi**

**Antonio Pirretti**



**Derek Murdoch**



**Sat Dhaiwal**



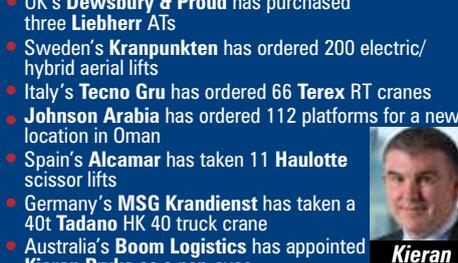
**Stefan Weber**



**Toshiaki Ujiiie**



**Liptak**



**Kieran Pryke**



**Alessio Mazzari**



**Stephen Gray**



**Thomas Hendel**



**Tom Belmont**

**Jim Arabia**



**Rob Messina**



**Alex Tan**



**Andreas Ernst**



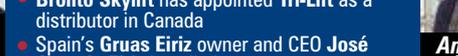
**William McKenna**



**Sean Hopkins**



**Roberto Veronesi**



**Antonio Eiriz**

See [www.Vertikal.net](http://www.Vertikal.net) news archive for full versions of all these stories