



Can you help us to deliver our next Aid Convoy to Ukraine?

The Plant and Hire Aid Alliance combines the strength of 55 companies from the plant and equipment rental sector. Since the start of the war, **we've delivered over £2million worth of aid** to those in need in Ukraine, including food, clothing, medical equipment and generators.

But the war is far from over, and much more help is needed to ease the suffering of ordinary people caught in up the conflict. Our next convoy is planned for October and **we need your help** to fund it, to stock it and to deliver it, ready for Rotary International to take out to the towns and villages where our help is needed most.

Join us now by offering your time, your transport, your team or your cash donation, and together our amazing industry can continue to make a massive difference to the people of Ukraine.

THE TRIP

On 15th October 2023 we're planning our third convoy of vehicles that will take aid to Ukraine. [We're looking for plant and hire industry companies to join us on a convoy that will be leaving for Kosice on the 15th, arriving Monday evening on the 16th.](#)

Working with Rotary International, our plan is to drive to Kosice, in Eastern Slovakia, where we will deliver supplies to a warehouse that will be driven into Ukraine by local volunteers. This is already a tried and tested route that has made an impact to the lives of thousands of Ukrainians.

The aid effort will require participants to procure items from the list provided by Rotary International. These might be donated by local communities, schools, gyms, through fund raising or from donations from customers and suppliers. Participating companies will also need to provide a vehicle and drivers as part of the convoy.

LET'S WORK TOGETHER
TO HELP THE PEOPLE OF
UKRAINE



PROCURE ITEMS

We're looking for donations including the following:

- Food, camping food, baby food
- Aids for disabled and elderly
- Hygiene items (except sanitisers)
- Powerful inverter generators (5 kW and more)
- Heaters
- Candles, torches
- Sleeping bags and mats
- Thermal clothing, warm socks
- First aid kits
- Powerbanks
- Bedding
- Disposable dishes



GET INVOLVED

Please ask people with PHA badges for details.

If you would like to join us contact us on:

hello@aid-alliance.com

www.aid-alliance.com



VERTIKAL DAYS 2023 REVIEW

With more than 270 manufacturers represented, this year's Vertikal Days was the biggest to date. It even dodged the bad weather with two days of mostly sunny, warm weather... even though the forecasts were atrocious. The combination encouraged more visitors than ever to visit the show which unfortunately has to move location to a new venue in 2024. An additional 27 new exhibitors to the exhibition reinforced its claim to be one of the most diverse lifting equipment gatherings anywhere - and it did not disappoint.

Despite having two major international exhibitions - Bauma and Conexpo - within seven months of the show, there were still plenty of new product launches while providing a UK launchpad for a large number of products.

Visitors included a wide range of senior staff from rental companies, contractors and utility companies as well as many government funded departments and all manner of end users.

ON THE MOVE

A month or so prior to the show opening we were told that the showground had been sold for housing development and would no longer be available, null and voiding the 2024 booking.

While it did not affect this year's show, a new site is required for next year, with Newark Showground looking the front runner at the moment. An announcement will be made shortly confirming the venue and dates - probably returning to a September slot.

With so many exhibitors and new models at the show, it is impossible to cover each and everyone in the space we have. Those missed will be covered in relevant features throughout the rest of the year.

GGR

GGR highlighted the new 17m Faresin, 17.45 Full electric telehandler, an in-depth report on this machine can be found in the Telehandler feature



The UK launch of Alma Crawler's new T-Crane 1060 on the GGR stand

on page 41. Also new was the AlmaCrawler T-Crane 1060 pick & carry mini crane. Weighing 2,900kg, it has a maximum capacity of 990kg, a maximum lift height of 7.7m and a 6.1m maximum radius.



The new diesel/electric hybrid drive JCB A45EH boom lift

JCB

JCB included the electric drive S3246E slab scissor lift and 45ft hybrid A45EH Extra Capacity articulated boom lift, with has eight 6V batteries and Kohler diesel. Built in a JCB plant in India, it has a maximum outreach of 7.47m and 300kg platform capacity.

LIEBHERR

Among the cranes on the Liebherr stand were two new All Terrains - the 300 tonne LTM 1300-6.3, said to be the first six-axle crane with a 90m boom and the first UK appearance of the new 110 tonne five axle LTM 1110-5.2 - the first to feature the new LICCON 3 control system. This crane also has the new style Liebherr carrier cab.

Also new was the MK88-4.1E four axle self-erecting mobile tower crane, with E-mode electric power system when on site. Alongside was Liebherr's two axle Liduro Power Port trailer - a standalone 160kW power supply for electric equipment on sites with no or limited access to the grid.



E-Power combination - the MK88-4.1E mobile tower crane and the Liduro Power Port trailer



The new style carrier cab and latest Liebherr livery on the LTM 1110-5.2

NATIONWIDE GROUP/FB GRU

First time exhibitors Nationwide Group showed the first FB Gru GA301 self-erecting tower crane to arrive in the UK from Italy. With a maximum capacity of 4,000kg it can handle 1,000kg at its 30 metre jib tip. The GA 301 has a maximum lift height of 23.4 metres or 31.8 metres with the jib raised to 20 degrees. The machine on the stand is joining the Nationwide Group's rental fleet.



The new FB Gru GA301 self-erector was shown in the UK for the first time

MANITOWOC/GROVE/POTAIN

Towering above the stand was the new Potain MR229 luffing jib tower crane - the first luffer to incorporate the CCS Crane Control System. The



The new Potain MR229 luffing jib tower crane incorporates the CCS Crane Control System

MR229 has a maximum capacity of 14 tonnes, a 55 metre jib with a 2,700kg jib tip capacity. Minimum out of service radius is 11.25 metres.

UPLIFTER/SPT

Vertikal Days provided the UK launch for the SPT spider cranes and glass handlers from China being sold under the UpLifter brand. Two hybrid models were on the stand - the 2.95 tonne SPT299 and the five tonne SP499.



The SPT499 is the larger of the two new SPT spider cranes from UpLifter

JT CRANE/JEKKO

Jekko UK distributor JT Cranes launched the new all-electric 2.8 tonne Jekko SPX328 spider crane with a maximum tip height on the main boom of 12.8m.



The new all-electric Jekko SPX328 sold to McGovern Crane Hire.

ALMACRAWLER

AlmaCrawler demonstrated the slope climbing ability of its new all electric Jibbi 1890 PRiMO self-levelling tracked boom lift. The machine's dynamic bi-levelling system allows it to work and travel on slopes up to 22 degrees.



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Oana Samoila of AlmaCrawler demonstrates the climbing ability of the Jibbi 1890 PRiMO

With a maximum working height of 17.9 metres. Maximum outreach is 9.82m with a platform capacity of 140kg or 8.32m with the 250kg.

NIFTYLIFT

Niftylift hosted the world premiere of the all-electric version its 86ft HR28E articulated boom lift which uses a large AGM maintenance free battery pack. Maximum outreach is 19m and 280kg platform capacity.



The premier of the all-electric Nifty HR28E

VERSALIFT/BLUELIFT/RUTHMANN

A big attraction on the Versalift stand was its new all-electric VTL135-F mounted on a 4.25t Ford eTransit. Maximum working height is 13.5 metres, with up to eight metres of outreach. The company also showed the 31m Bluelift SA31 spider lift.



Versalift's new all-electric VTL135-F platform on a Ford eTransit created a lot of interest

HYDRAULIC PLATFORM SERVICES/COMET

Making its public debut was a 14.5m prototype Comet VHM15 on a 3,500kg Ford Transit chassis with a maximum outreach of 7.5m and a 200kg



The new Comet 20-10HQ mounted on an Iveco 35-160 chassis



Looking stylish on this high spec Ford Transit the prototype Comet VHM platform

platform capacity. Another new Comet was the 20m 20-10HQ mounted on an Iveco 35-160 chassis.

CTE

An eye catching exhibit on the CTE stand was the 20m MP20Ev truck mount on an ECarry chassis from Green-G Technology in Italy. Claiming to be the first 100% vehicle mounted platform on a 3.5 tonne chassis it has a maximum outreach of 13m and a travel range up to 100km. Also attracting attention was the 22m CTE Zetra 22 platform on an Iveco Daily 35-140 chassis.



CTE premiered its new 22.0 metre Zetra 22 platform on an Iveco Daily 35-140 chassis



The all-electric combination of an ECarry chassis and CTE MP20Ev platform

XCMG

XCMG launched its new UK dealer Genesis Equipment Sales, along with the 186ft XGS58E1 boom lift, with dual 450kg/230kg platform capacity. Also on show was the 43ft XG1523ERT electric RT scissor lift with a 680kg platform capacity.



XCMG launches included the XG1523ERT scissor and XGS58E1 'Mega Boom'

LIUGONG

Chinese manufacturer LiuGong made its first appearance at Vertical Days with a display of booms and scissors including the 33ft LSC1012DE electric scissor and 19ft LSC0607DE.



The LiuGong LSC0607DE has a maximum working height of 7.8m



SKYJACK

Skyjack featured its 20ft SJ20E e-drive mast type lift with direct AC electric drive.

SJ20E

SOCAGE/RAPTOR

Vertical Days hosted the European launch of Socage's new Raptor range of spider lifts, including the 18.3m Raptor 18S, bi-energy machine weighing around 2,500kg it has a maximum outreach of 8.2m.



The new Socage Raptor 18S tracked spider

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BRAVI

Bravi Platforms displayed its new Small-E inspection platform attachment for its Leonardo HD vertical mast lift. Useful for ceiling inspections it has a load rating with operator of 113kg.

CEO Pierino Bravi demonstrates the extra working height obtained with the Small-E attachment



BÖCKER

Böcker showed its new AK48e, the first all electric aluminium truck crane on a 27 tonne lithium-ion powered Mercedes eActros 6x2

The new Böcker AK48e on a Mercedes eActros



chassis production of which will be late next year. Range is up to 300km and a battery recharge from 20 to 80% takes 75 minutes.

MANITOU

Manitou showed its latest 46ft 160 ATJe all-electric Rough Terrain boom lift as well as its recently launched Ultra Light telehandlers. The small ULM412H has a maximum



Manitou's new ULM412H Ultra Light telehandler is easy to transport

capacity of 1,250kg and maximum lift height of 4.3m and was shown on an Indespension trailer hitched to a 4x4 Ford Ranger.

ALIMAK

The expected latest generation Scando 650a construction hoist did not appear at Vertikal Days - it is still on test in Sweden - however it did feature the new 900kg capacity Medius 350 which uses a triangular mast and is adaptable for use in lift shafts.



Alimak showed this new Medius 350

RAXTAR

RAXTAR launched the Smart Series 2,300kg capacity RXS2300 transport platform/materials hoist and the 2,300kg RXS2340FS passenger/materials hoist. The RXS2300 is offered in two configurations - as a material only hoist or as a transport platform. The RXS2300 on display was sold to Multiplex.



RAXTAR showed two hoists - the RXS2300 (left) and the new RXS2300

STROS

First time Vertical Days exhibitor Stros from the Czech Republic featured its NOV 2032 UP F4 passenger/materials hoist with a cage capacity of 2,000kg and a maximum speed of 45 metres a minute. Maximum lift height is 350 metres. The NOV 2032 UP F4 can be operated as a single or twin cage hoist and the machine on show had been sold to the Brogan Group.



This Stros NOV 2032 UP F4 passenger/materials hoist sold to the Brogan Group



Dingli's stand was full of scissors and booms



Part of the LGMG display on the APS stand

BRILLIANT IDEAS/ALIMATS

Brilliant Ideas launched its new Alimats Half Loader Spreader Module. Designed to provide a more even load spread under high outrigger loadings, the new profile is deeper than the standard profile and three times stiffer.



Alimats Half Loader Spreader Module

ASPEN AERIALS

On display near the entrance, the Aspen A-62 under bridge inspection unit on a four axle Volvo chassis has an 18.8m underbridge reach, can reach 20.6m below ground level and 16.6m vertically with 272kg basket capacity. The chassis can operate without outriggers and being 2.55m wide only needs one lane to work.



An Aspen A-62 truck mounted underbridge unit

ZOOMLION/AJ ACCESS

UK Zoomlion dealer AJ Access launched several new electric boom lifts including the 72ft ZT22JE telescopic boom, and the electric version of the ZA20J diesel - the 65ft ZA20JE didn't make it to the show but will be available shortly. Also seen was the 86ft ZT26JE all-electric telescopic boom, the 32ft ZA10RJE compact zero tailswing industrial lift with an 11.5 metre working height, and the ZA14J diesel/lithium hybrid ZA14JE-Li.



Zoomlion ZS1623RT scissor with 680kg capacity



Oil & Steel Octopus 17 on the Hird stand



Wolff 355B



The Grove stand at night



CTE Traccess 270



The FT Wind Sensors stand



The Torquer stand with a new version of its HALO orientation device



The FE 121FT van mount on the Versalift stand



The Snorkel stand with the A46JRTE



My Future My Choice and Liebherr apprentices hosted school students to find out what being an engineer is all about



First time exhibitor chain and rope supplier Hoistech



The Fat Cat Brass band once again entertained before the evening event



JCB's new 514-40 on an indespension trailer



Tracked Carriers stand with JLG's low level platforms behind



Promax showing 2 hybrid Platform Basket spiders



The Dingli stand



Two Teupen tracked spider lifts on the Alfa Access stand



Genie UK dealer Workplatform stand



JMG's first lithium powered hybrid crane - the JMG MC100HY



First time exhibitor Kirkby Tyres



Electroelsa's mastclimber featured its overload safety device



XCMG's upgraded 187ft XGS58E1 Mega Boom was a world debut



The Electroelsa safety device



Part of the GGR stand



Another new exhibitor was Brian-James Trailers



The IPAF stand



Power-Pads and the Grove GRT8100-1 RT from Crowland Cranes on the Manitowoc Cranes stand



Haulotte's stand with Pulseo scissors and booms



The Liebherr shop selling scale models



The showground at night



The evening event in full swing



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LATEST FLEET ADDITIONS

Vertikal Days has always provided a great indication of the latest machine sales in the UK. Having at least one new machine on display at the show has become something of a 'badge of honour' for many crane and access rental companies. This year the buoyant UK equipment sector was evident by the number of items on display in customer colours. Nick Johnson captured many of the customer names on booms to provide a visual record of the latest fleet additions.

The biggest stand at this year's Vertikal Days was Liebherr's and most of its exhibits sported customer colours. The largest of which included the new 300 tonne, six axle LTM 1300-6.3 for King Lifting making its UK debut, a 230 tonne, LTM 1230-5.1 for Stoddart Crane Hire, a 180 tonne, LTM 1160-5.2 for Abba Crane Hire and a 150 tonne LTM 1150-5.3 for Forsyth of Denny all on five axles.

Other cranes on the stand were a 90 tonne, LTM 1090-4.2 for Crowland Cranes and a 50 tonne, three axle LTM 1050-3.1 for SDM Fabrication carrying the name Ellie-May. Finally, a 100 tonne LTR 1100 telescopic crawler sported the livery of G H Johnson & Sons.

Next door two crane hire companies had their own stands. NMT Crane Hire which used the

show to promote its new management structure, while its exhibits comprised three new cranes including two Liebherr All terrains - a 120 tonne, four axle LTM 1120-4.1 and a 60 tonne three axle LTM 1060-3.1 - alongside a six axle Spierings SK1265-AT6 eLift mobile tower crane with full electric operation on site.

Emerson Crane Hire meanwhile showed off its new 450 tonne, eight axle Liebherr LTM 1450-8.1 - the largest All Terrain at the event - alongside a 60 tonne, three axle LTM 1060-3.1. and a brand new, fully equipped escort vehicle.

Across the aisle on the Nationwide Lifting Solutions stand was another new Liebherr All Terrain looking smart in its silver and black livery - a 60 tonne, three axle LTM 1060-3.1.

On the Tadano stand an 80 tonne, four axle



Liebherr LTM 1300-6.3 for King Lifting

AC4.080-1 for Cadman Cranes, featured distinctive signwriting highlighting Cadman's 50 years in business and included a picture of red poppies on the side with the poignant message "We will Remember". Tadano also exhibited its latest All Terrain, the 40 tonne two axle AC 2.040-1 - the first crane developed jointly by Tadano's Lauf and Demag Zweibrücken engineering teams, in the colours of Mann Crane Hire and Sparrow Crane Hire's Plymouth depot.

New Grove All Terrains included a 250 tonne, five axle GMK5250XL-1 for Crowland Cranes, a 120 tonne, GMK5120L for Baldwins Crane Hire and a 60 tonne three axle GMK3060L-1 for Lee Lifting Services.

Truck mounted cranes with aluminium/steel booms continue to prove popular with new cranes on the Böcker and Kranlyft stands. Böcker had no less than three AK46/6000s on display - all mounted on MAN chassis - in the colours of Berry Cranes, Crowland Cranes and Nationwide Lifting.

Kranlyft displayed a Klaas K1100 aluminium boom crane mounted on a Volvo FMX 6x2 truck



Many companies with new Liebherr cranes



Crowland had many new cranes on show



A new LTR 1100 for G H Johnson



Cadman's new Tadano AC4.080-1



GMK3060L-1 for Lee Lifting Services



Chamberlain's new Klaas K1100



Russ Taylor hands over the new Jekko SPX328 to Kieran McGovern



One of the electric Klubb KL26s for Access Hire Nationwide



This Jaso J80PA towered over the Falcon stand

and finished in the bright orange livery of long established UK company Chamberlain Crane Hire. Alongside was a smaller Klaas K1003, also on a Volvo destined for Graham Jones Contract Lifting of Wrexham.

Spierings had two mobile tower cranes on show, one was the second of two fully electric three axle, SK487-AT3 City Boy machines for City Lifting whilst the other was a six axle, SK1265-AT6 eLift for Cork Crane Hire.

Making its UK debut on the Sany UK stand was the 60 tonne Sany SCE600TB telescopic crawler crane from TMT Crane Hire and Contract Lifting of Brentwood, Essex.

Among the new spider cranes on show was a 2.8 tonne Maeda MK3053C ECO prototype, with a maximum lift height of just under 17 metres, which will be available around October this year. The crane has already attracted orders from several companies including Hird, whose name was on the show machine.

There was a 'sea' of the latest orange Jekko spider cranes from Italy on the stand of distributor J T Cranes. A different coloured Jekko was the all-electric 2.8 tonne capacity SPX328 making its UK debut at the show in the green and white livery of McGovern Crane Hire. The SPX328 has a 12.8 metre main boom and 10.4 metre articulated jib. Russ Taylor of JT Cranes formally handed the new crane over to Kieran McGovern at the show.

Truck and van mounted platforms carrying the names of their new owners could be spotted on many of the stands. One truck mount that stood



Sany SCE600TB telescopic crawler



Another Bronto S38XDT for Nationwide Platforms

out was a 38 metre Bronto S38XDT on a 4x2 Volvo FE chassis for Nationwide Platforms.

New 20 metre platforms sported customer names included a GSR B220PXE on an Iveco 35-140 chassis for Nationwide Platforms, a Ruthmann Ecoline RS200 on an Iveco 35-140 for P G Platforms and a Comet 20.10 HQ on an Iveco 35-160 for Peter Douglass Platforms.

The CPL stand featured one of the many 12 metre Klubb KL26 electric van mounted platforms now available for long term hire and lease from Access Hire Nationwide. Mounted on a modified Renault Master ZE van, this all electric platform carried prominent Access Zero signage.

Luffing jib tower cranes on the Peterborough skyline this year included two units from the fleets of two prominent UK companies. Falcon showed off a five tonne capacity Jaso J80PA,



Spierings SK487-AT3 City Boy for City Lifting

whilst the big red Wolff on the Wolffkran stand was a 28 tonne 355B, the company also displayed one of its 250 tonne Grove All Terrains. ■