



cranes & access

October 2025 Vol.27 issue 6

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RENTAL
SURVEY**

**SPIDER
CRANES**

**TREE CARE
EQUIPMENT**

VERTIKAL DAYS REVIEW

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The equipment used by arborists has changed over the past 25 years as the growing use of spider lifts curbed tree climbing. But is this trend about to change again as other types of mechanised equipment become available? We also talk to Jeff Poggi, chief executive of CMC North America, about the US tree care market and the company's arb specific products.

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Heavy lift and haulage specialist Forsyth of Denny in Stirling in Scotland - working late in the afternoon removing a wind turbine rotor to ground level to exchange three blade bearings.



IN THE NEXT ISSUE

Scheduled for publication in late November, the next issue of Cranes & Access will include features on Pick & carry industrial cranes, Large truck mounted lifts, Outrigger mats and tracking and Mastclimbers & hoists. If you have any contributions or suggestions to make or are interested in advertising in this issue, please contact our editorial or sales teams.



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Vertikal
Press



COMMENT

'CASH AND CARRY'

Every so often we publish a story in the magazine or on Vertikal.net that is a little unusual. This month it's about a machine that performed brilliantly... being used in a criminal activity.

The product in question was a truck mounted Böcker furniture hoist, which achieved global exposure when it was involved earlier this month in the jewel heist at the Louvre in Paris. Thieves used the lift to gain access to a balcony and break into a window not covered by CCTV security cameras. They were inside the building for four minutes during which time they stole the jewels and then rode the platform down to waiting scooters to make their escape. The whole thing took less than seven minutes.

What is unusual is that Böcker spotted a marketing opportunity and produced an advertisement entitled 'If you are in a hurry' promoting it as a lift that can carry your 'treasures' up to a height as 'quiet as a whisper' thanks to its electric motor. Clever!

I recall construction equipment being used by criminals in the 1980s and 1990s when thieves with JCB backhoe loaders ram raided cash points - ATMs - physically ripping out the cash machine and driving off with it in the front bucket. I don't remember JCB running an ad campaign telling us how powerful its backhoe was, with a picture of the hole in the wall to prove it?

However, it would appear that this type of criminal activity is making a bit of a comeback, at least in the UK ... but this time the thieves are using telehandlers to break in and carry away the cash machines.

Just a few days ago, a 'yellow' telehandler was used to steal one from a 'Sainsbury's Local'

supermarket in Milton Keynes, UK. Police believe that the machine smashed through the front façade, lifted the ATM on slings and loaded it into a vehicle waiting outside, which then drove off at speed. The thieves abandoned the telehandler outside the store.

Carrying out more research on this topic, I found a large number of such raids across the UK, with the telehandler - stolen of course - being the tool of choice. As we can see from the Top 30 rental company survey in this issue there is no shortage of telehandlers around the UK, with the leading rental companies having a combined fleet of almost 19,000 machines.

Böcker appears to be happy to be associated with the far more 'clever jewel theft from a famous tourist destination in Paris'. As Alexander Böcker said: "When we were sure that no one had been harmed, we thought that a touch of humour might help promote our brand and products. It is still a dreadful crime for which there is no excuse, hopefully, they will be caught, and the jewels recovered."

Somehow, I just cannot see telehandler manufacturers publicising the ram raiding antics - it doesn't quite have the same sophisticated charm as jewels in Paris. However, perhaps the old stereotype regarding a German's sense of humour has been disproved.

Mark Darwin

Comment and feedback is most welcome via post, email or phone stating if we may publish them or not:
editor@vertikal.net

NEW TRIO FROM LGMG

Chinese aerial lift and telehandler manufacturer LGMG has unveiled three new products, including a new 183ft battery electric powered telescopic boom lift - the T56JE-2 - along with the 131ft AR42J-2 articulated diesel boom lift and the 78ft SR2625E-2 all electric Rough Terrain scissor lift.

Star of the launch was the T56JE-2 with a maximum working height of 57.7 metres, a maximum outreach of 23.9 metres, and dual platform capacity of 300kg unrestricted and 450kg, with an outreach cut out. Power comes from an 80 volt 840Ah lithium ion battery pack, with standard four wheel drive and steer.

LGMG says the new boom lift features a number of upgraded design concepts including a more rigid boom with reduced deflection, more compact dimensions, high torque permanent magnet synchronous motors and a new dual charging system. The new boom lift will initially be sold in China, with first deliveries towards the end of this year and then rolled out market by market through 2026.



BIGGER SKYJACK SLAB ELECTRIC AND CE MICROS

Skyjack has launched the 45ft SJ5545 E electric drive slab scissor lift, its largest so far. It has also added full EN280 and CE compliant micro scissors - the 13ft SJ3213 and 19ft SJ3219.

The SJ5545 E has an overall width just under 1.4 metres, a 15.5 metre working height and a maximum platform capacity of 350kg with drive at full height. It has an outdoor rating with two people at up to 8.7 metres working height. The new model features a new scissor stack design with fully welded cross bracing that is said to improve rigidity at height. A 900mm roll out deck extension is standard, while the guardrails fold to an overall height of just over two metres to pass below overhead obstacles and for easier transport.

Skyjack's 13ft SJ3213 and 19ft SJ3219 micro scissor lifts, launched in North America last year, are now available in Europe to EN280 standards with CE mark.

The new models offer working heights of 5.9 and 7.7 metres respectively, with an overall width of 810mm and an overall length of 1.5 metres. Both new models are low enough to drive through a standard doorway with the guardrails up at 1.9 and 1.99 metres respectively. Platform capacity on both is 227kg and a 500mm roll-out deck extension is standard equipment. The 13ft weighs 869kg while the 19ft is 1,214kg. The new machines are designed and built in Canada by Skyjack with AC electric front wheel drive motors, and a variable speed brushless hydraulic pump drive motor.



A 30M OCTOPLUS

Tadano/Oil&Steel has launched the new 30 metre Octoplus 30 spider lift, first seen as a pre-production unit at Bauma.

The new machine employs a three section telescopic riser which elevates to just over 80 degrees, topped by a three section boom and a jib with 180 degrees of articulation. The result is a maximum working height of 29.6 metres and up to 16 metres of outreach with 120kg in the platform, while the maximum platform capacity of 280kg is available at just over 13 metres. Maximum up & over height is 16 metres, although outreach is limited to 14 metres at this height due to the nature of the long telescopic riser leaning to the rear.

Overall width when stowed is 900mm, extending outwards and downwards on site for additional stability. The overall length is 6.47 metres with an overall height of 1.98 metres. The outrigger footprint is 4.86 x 4.86 metres and total weight 4,950kg. Currently the power choice is limited to diesel, with electric and hybrid versions in development. A two year warranty is standard.



VERTIKAL DAYS 2026

The dates and venue have been announced for the 2026 UK crane, aerial lift and telehandler exhibition, Vertical Days. Next year's show will be held at the Newark Showground on Wednesday September 9th and Thursday September 10th. The format principles remain unchanged and decent weather has been requested.

For more information go to:
<https://vertikaldays.net/>

**Vertical
days**



FIRST TEREX SPIDER LIFT

Terex Utilities - part of the Terex AWP/Genie division - has launched its first spider lift under its Green-Tec tree care brand. The 21 metre SL5 has a single riser, three section telescopic boom and jib with 90 degrees of articulation and an insulated platform.

Maximum outreach is 9.9 metres, with the unrestricted maximum platform capacity of 230kg at an up & over height of 6.5 metres. The overall weight is 2,850kg, overall transport width 830mm expanding to 1.1 metres, with an overall length of five metres and is just under two metres high. Power comes from a Kubota diesel.

The new machine - essentially the Easy Lift R210 - is the first in a range of Terex spider lifts with working heights of up to 30 metres and overall widths of 890mm or less, plus rubber tracks, variable outrigger settings and auto levelling.



BIGGER JCB BOOM LIFT

JCB has launched a 60ft articulated boom lift with electric or hybrid powertrains - the A60E and A60EH. The new models feature the same dual riser, two section boom and articulating jib layout its existing 45ft models, for a maximum working height of 20.2 metres and up to 11.9 metres of outreach with the 300kg unrestricted platform capacity at an up & over height of just under eight metres. Maximum platform capacity is 454kg.

Both booms have four wheel direct electric wheel motor drive, non marking tyres, secondary guarding, a seven inch display screen on the base controls, power to the platform, two wheel steer and JCB LiveLink telematics. Power is supplied by eight, six volt AGM batteries, with a 400Ah capacity. The A60EH is an A60E with a Kohler diesel range extender.



FOLDING LIFTPOD

JLG has launched the new LiftPod, a manually powered low level push around work platform that folds for storage or moving. Available in two versions, the LiftPod 1.2 with a 3.2 metre working height and the LiftPod 1.5 with 3.5 metres, a 3.8 metre model LiftPod 1.8 will be added next year.

The smaller unit has a stowed height of 1.6 metres and weighs 180kg, while the LiftPod 1.5 is 1.9 metres high and weighs 205kg. Both feature a 580mm by 400mm platform with a 150kg platform capacity and standard tool tray. Overall working footprint is 970mm x 780mm, folding to 580mm x 760mm by 1.6 or 1.9 metres high. The patented Power Tower manual system is used for platform elevation and descent. The product is also being supplied to French scaffold and ladder supplier Tubasca-Comabi, which showed its own brand version in June under the name 'R' Lift Smart.



ALMAC ADDS BOOMS AND SPIDERS

Italian aerial lift and crane manufacturer Almac has announced a range of spider lifts and articulated boom lifts that marks a cultural shift for the company from pioneering niche products into more conventional mainstream models.

The BA Line of spider lifts, built by its recently acquired Easy Lift subsidiary, includes four models with working heights of 15, 18, 21, and 24 metres. Automatic outrigger set up and levelling is standard, and power options include diesel, petrol/gas, Bi energy/hybrid and battery electric. The company claims that the new machines will feature lower maintenance costs through a number of unspecified 'technical solutions'.



The new BA lift of spider lifts

Model	Working height	Maximum capacity	Up and over height	Stowed width	Weight	Maximum outreach
B1570-A	15.0m	230kg	6.2m	830mm	2,000kg	6.8m
B1890-A	17.6m	200kg	5.3m	855mm	2,330kg	8.5m
B2190-A	20.4m	230kg	8.8m	890mm	2,850kg	9.8m
B2490-A	23.5m	230kg	11.0m	990mm	3,250kg	11.5m

The AJ Line takes the company into the highly competitive wheeled articulated boom lift market. The first two models are compact industrial units - the 43ft AJ 15 and 50ft AJ 17 - and should be available by the end of the year.

Both models employ dual risers and a two section telescopic boom topped by an articulating jib with optional 130 degrees jib rotation. Working heights are 15 and 17 metres, with an up & over clearance of six and eight metres respectively. Maximum outreach on both is around nine metres with the unrestricted maximum platform capacity of 230kg. The key difference between the two machines is the slightly longer risers on the AJ17. Power comes from a 48 volt, battery pack driving AC direct drive wheel motors.



NEW TADANO GTC

Tadano has a new telescopic crawler crane, the 60 ton/54.5 tonne GTC-600-2, an upgrade of the GTC-550 which it replaces. The new crane features a 34.7 metre four section full power boom topped by an 8.8 metre to 15.3 metre bi-fold swingaway extension with up to 45 degrees offset. Features include Opti-Width variable tracks with automatic load chart selection to suit the actual width - from 3.5 metres fully retracted to 5.2 metres fully extended. It also has 'out of level' charts for 0.5, 1.5, 2.5 and four degrees, as well as full pick & carry capacities.

The new crane also features an improved slewing system with closed loop hydrostatic drive for smoother, more precise control and the latest Tadano AML-C Rated Capacity Indicator which allows the operator to set work zone limits for slew angle, height and radius. The crane also has functional soft stops as operation approaches these pre-set limits.

Powered by a Cummins Tier 4f, Euromot Stage IV diesel, options include a 'Heavy Configuration' with 12,791kg counterweight package for improved capacities at longer radii. The crane weighs 45.3 tonnes all up and can be transported in North America on a single truck. Built at the Tadano Mantis plant in the USA, it will initially only be available in North America.



The new GTC-600-2

HAULOTTE'S NEW RT SCISSORS AND BOOMS

Haulotte has unveiled two additions to its Pulseo range of all electric aerial work platforms. They include the 63ft HS21 E and the HS21 E Pro Rough Terrain scissor lifts, with a maximum working height of 21 metres and a maximum platform capacity of 750kg with its platform extendable to 7.5 metres. The lifespan of the lithium battery pack is said to be 10 years.

The other launch is the new 61ft HA20E Rough Terrain articulated boom. The new HA20 E and HA20 E Pro, replace the HA20LE, and share most of the structural elements with its regular HA20 RT models, including a 20.5 metre working height, a maximum outreach of 11.9 metres with 250kg in the platform, or 10 metres with its 350kg maximum, both at an up & over clearance height of 8.5 metres.

Overall length is 8.4 metres or 6.16 metres with jib tucked for transport, overall width is 2.43 metres and stowed height of 2.47 metres, but this increases to 2.98 metres with jib tucked under. Total weight ranges from 9,790kg or 9,940kg for the Pro model.

Power comes from a 72 volt/390AH AGM battery pack driving synchronous electric wheel and pump motors. An optional diesel powered Range Extender can be quickly added, effectively converting it to a hybrid while also offering the capacity to do a full recharge in around three hours. Non-marking RT tyres are standard as is a six degree tilt tolerance for working off level.



The new HS21 E Pro



The new generation 61ft HA20E

KITO CROSBY'S MOVABLE CRANE

Kito Crosby has launched the Erikkila Movable Workstation crane - a light capacity gantry type lifting system that can be moved and repositioned without anchors or structural modifications.

The crane features heavy duty casters with locking mechanisms, and is compatible with lighting, electricity, compressed air, balancers and other attachments. Lift height is up to 3.4 metres, while the area covered ranges from two by six metres to three by eight metres, with a lifting capacity of 500kg. It can be ordered with one or two gantry bridges or a raised bridge.



The new unit in operation

JEKKO UPDATES SPX 532.2

Italian crane manufacturer Jekko has launched the 3.2 tonne SPX 532.2 pick & carry crane - an update of the SPX 532. Although visually similar, the new crane features a slightly lighter boom, Autec remote controls and sturdier outrigger legs with nine rather than five fixed positions.

The crane has a 10.3 metre main boom and a 5.1 metre jib offering a maximum tip height of 17.3 metres. Using just its main boom it can lift 1.45 tonnes to a maximum height of 11.8 metres, 500kg at a 9.4 metre radius and 100kg to its maximum 14.8 metre radius with a maximum pick & carry capacity of 400kg. Overall width is 770mm, height 1.97 metres, overall length 3.145 metres and total weight 2,520kg.



The controller



The unit on display at Vertikal Days



Böcker
MY WAY TO THE TOP

Foto: Dimitar DILKOFF / AFP

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ALDERCOTE PRODUCT LAUNCHES

UK based vehicle mounted platform manufacturer Aldercote has announced two new products - the VZ140 Neo van mounted platform and the 'Elevated Protection' safety package.

The VZ140 Neo offers a working height of 14.1 metres, with a maximum platform capacity of 9.1 metres with 90kg or 6.9 metres with the maximum 230kg capacity. When combined with Aldercote's 'jack-less' Transit conversion system, the platform provides 500kg of cargo payload as well as two operators and a full fuel tank.

The Elevated Protection device contains three safety features: the 'Hold' harness anchor system with operator not clipped-on alerts and compliance monitoring capability, 'Recoil' a crush/entrapment protection system that automatically reverses the direction of the last function operated on contact with hazards, and 'Shield' electrical/power line protection with three defence levels including an insulated basket, harness and fibreglass booms.

Aldercote managing director Marc Paish said: "We developed these features using real feedback from operators and fleet managers, understanding their needs and concerns, looking at safety from an engineer's perspective rather than simply accepting what's gone before. The VZ 140 Neo tackles all of these requirements and more."



1,000TH LTM 1090-4.2

Scotland's Global Crane Services has taken delivery of the 1,000th 90 tonne Liebherr LTM 1090-4.2 All Terrain crane.

Global Crane Services operations director Frank McAlonan said: "It's a model that has truly proven its capabilities.

We already have four in the fleet and are very happy with them."



QUICK LIFT FOR A JEWEL THEFT

German crane and platform manufacturer Böcker acted quickly and created an advert for its Agilo platform, cleverly making the most of the news regarding the €88 million crown jewel theft at the Louvre in Paris which took seven minutes start to finish. They managed it - of course - by using a Böcker furniture hoist.



GAME OF CRANES WINNERS

Scott White, an operator with UK based City Lifting, has won the European round of Liebherr's 'Game of Cranes' competition in which operators compete to demonstrate their mobile crane operating skills. Other 'semifinal' rounds included North America, South America, Australia along with Africa, Asia & the Middle East.

The other winners were:

North America - **Nick Jackman of Mountain Crane, USA**

South America - **Leonardo Navarro of WVN Guindastes, Brazil**

Australia - **Joey Fisher of Johnson & Young Cranes**

Africa, Asia & Middle East - **Kirk Smith of Titan cranes, New Zealand**

The finals will be held on November 26th at Liebherr headquarters in Ehingen, Germany. The prizes include Liebherr shop vouchers worth €2,500 for first place, €1,250 for second place and €500 for third place.



Scott White with his ticket to Liebherr Ehingen, Germany



'BUDDIE SYSTEM' ADDRESSES RADIO PROBLEMS

Australian crane company Marr Contracting has become the first company to implement the 'Buddie System' crane safety system launched at the Crane Industry Council of Australia Conference (CICA) in Adelaide, Southern Australia last year, using it on two projects in Sydney.



The wireless safety alert device - developed by Gary Panagiotidis and Jade Harris - allows dogmen/riggers/slinger-signallers to instantly alert crane operators to stop operations if an issue arises, addressing miscommunication problems with traditional two way radio systems.

Marr managing director Simon Marr said: "What we love about the system is its simplicity and the fact that it was designed by people who've worked on the tools and understand the real risks of crane and lifting operations."

NEW UK ACCESS COMPANY

A new access rental company - SkyReach Solutions - has been set up in Wigan, Greater Manchester by father and son team Chris and James Moston. The company has taken delivery of 18 electric powered Sinoboom scissor and mast lifts and is looking to add more units over the next few months.



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FINANCIALS ROUND-UP

Ashtead - owner of **Sunbelt Rentals** in the USA, Canada and the UK - reported first quarter revenues 2% higher at \$2.75 billion, of which rental revenue was \$2.6 billion. Pre-tax profit dipped 6% to \$511 million.



Terex is to sell its Tower and Rough Terrain crane businesses to Italian based **Raimondi**. The deal will include the Tower Crane plant in Fontanafredda, and the Rough Terrain facility in Crespellano, Italy, along with the Terex North America crane service and support operation in Wilmington, North Carolina. The sale - subject to approvals - is expected to close by year end.



Haulotte revenues for the nine months to the end of September plunged 24% to €384 million. New equipment sales for the period declined 28% to €314 million, rental was 7% lower at €15 million, while parts & service revenues were flat at €55 million. Revenues in the third quarter were 14% lower at €121 million.



Swedish hoist group **Alimak** reported a weak third quarter with revenues for the nine months declining 2% to SK5.18 billion (\$550.7 million). Pre-tax profit increased 19% to SK671 million (\$71.3 million).



US based **United Rentals** achieved record nine month revenues of \$11.89 billion, up 5.7%, but profits slipped 1.3% to \$2.48 billion due to higher cost of rentals and depreciation. The company is on target for a \$16 billion year.



UK crane rental company **Dewsbury & Proud** has acquired Gloucestershire, based **Ellis Crane Hire** from the Ellis family. Tim and Jack Proud take over as company directors from Simon, Irene and Bill Ellis, but Simon Ellis and his team will remain on board, with no major changes planned regarding the Ellis name or how it operates.



Tadano has sold its Texas based **Rabern Rentals** business - acquired within the Manitex acquisition in January - to **Sunbelt Rentals**. The sale includes Rabern Rentals' four locations in northern Texas along with associated assets and contacts etc. The fleet includes telehandlers and some aerial work platforms.



UK **Falcon Tower Crane** has acquired **Guy Crane Hire** in Northern England for around £5 million and purchased a new facility near Manchester. Guy Crane Hire's fleet includes self-erecting tower cranes, regular tower cranes, aluminium truck cranes and telehandlers. The company is also the Vicario self-erecting tower crane dealer for the UK.



UK based **HSS Hire** has sold its physical rental operations including around 130 depots, to private equity firm **Endless** for £1 and will pay £26 million to cover restructuring costs. It has also agreed to sell some of its assets to **Speedy Hire**. Around 100 HSS staff will focus on its ProService digital marketplace subsidiary, which is expected to generate revenues of £50 to £55 million this year.



Loxam has acquired Italian rental company **Toscana Noleggi** together with its 450 aerial work platforms and three depots - two in Tuscany and one in Florence.



UK truck mounted lift rental company **Sky Platform Hire** has been acquired by **Nick Parham** and **Richard Onslow** from owners Debbie and Paul Hockey. Established in 1981 as a general equipment and aerial lift rental company, Sky Platform specialises in truck mounted lift rentals.



German crane company **Hüffermann** has filed for insolvency after "three years of economic recession in Germany, the ongoing war in Ukraine and increasing political and economic uncertainty worldwide."

Mateco has acquired Romanian rental company **PSM Rent** and its fleet of around 150 scissors, mast booms and boom lifts as well as a few forklifts, generators and lighting towers.



UK mastclimber and hoist rental group **Brogan** has acquired the UK hoist business of **Sunbelt Rentals UK**. The deal includes Sunbelt's construction hoist fleet and associated equipment along with three dedicated locations in the Midlands and North of England along with Sunbelt staff associated with the hoist business.



Statech - the Czech subsidiary of German rental group **Mateco** - has acquired Czech competitor **Sico Rent** from Viktor Bělov. The Sico fleet exceeds 600 machines and includes a large number of truck mounted lifts with 70 employees across three depots in Prague, Ústí nad Labem and Ostrava. Revenues are in the region of €8 million.



Palfinger has reported nine month revenues to the end of September of €1.68 billion, 3.5% lower than last year, although 18.7% of revenues came from services, a new record. Pre-tax profit fell 16% to €104.85 million, while net debt at the end of September was 24% lower at €577.2 million.

NATIONWIDE SKYSIREN SENSOR

UK rental company Nationwide Platforms - part of the Loxam group - has introduced SkySiren PCS (Pre-Crush Sensor), a secondary guarding system/overhead obstacle sensor and cut out for scissor lifts.

Ultrasonic sensors monitor the area above and around the operator and slows and then stops the lift and drive functions if anything is detected, before any contact with the obstacle occurs. The system retains a pressure sensitive bar in case the sensors malfunction. The system also supports an incident analysis recording feature, logging all movements and alerts for future review. According to this year's IPAF Global Safety Report, 54 percent of reported entrapment incidents in 2024 occurred on scissor lifts.



A scissor with the SkySiren PCS installed

NEW BRIDGESTONE CRANE TYRE

Bridgestone Americas has launched the 445/95R25 V-Steel Highway Service 3 tyre for All Terrain and truck cranes. Approved by the US Department of Transportation it replaces the VHS2.

The VHS3 has a load/speed index of 174 F meaning it can handle 6,700kg at speeds of up to 80kph and features advanced rubber compound technology and sidewall construction, reducing heat build up, minimising irregular wear and - the company says - extending tyre life by 12 percent compared to its predecessor. The tyre's 23mm tread design includes wide grooves and extended lugs. A redesigned casing with lighter belt, bead structure and shoulder design helps to reduce fuel consumption.



SINOBOOM AND PINNACLE PART COMPANY

Sinoboom UK and Pinnacle Platforms have ended their partnership and distribution agreement. The manufacturer's UK distribution subsidiary - Sinoboom UK - will take over from Pinnacle, with all of Pinnacle's staff offered positions with Sinoboom UK. Pinnacle managing director Tim White will also remain on board in a consultancy role.

Sinoboom UK was established in 2024 and opened its premises in Derby this April. Pinnacle was set up by Wayne Lawson and Tim White in 2020, specifically to handle UK sales for Sinoboom.



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NEWS HIGHLIGHTS

- Wolffkran has appointed **Dave Holder** as UK managing director and **Richard Coughtrey** as head of group accounting



Dave Holder

Richard Coughtrey

- Italy's **Fratelli Boscaro** has opened a branch in Romagnano Sesia
- Huisman has launched an automated inspection tool for wire rope
- UK's **AFI Rentals** has added a 40m **Hinowa** LL40.18 spider lift
- UK's **SPS Roofing** has taken a 21m **Easy Lift** RA21 spider lift
- US manufacturer **MEC** has promoted **Brian MacFarland** to president
- Mammoet has taken a 60t **XCMG** XCA60-EV hybrid AT crane
- Bahrain's **MMETC** has added a 450t **Liebherr** LTM 1450-8.1 AT
- Iceland's **DS Lausnir** has taken 250t and 150t **Grove** All Terrains
- Germany's **Cramer Arbeitsbühnen** has purchased 22 **Imer** scissor lifts
- Carlos Hernandez** has left **Haulotte**
- Brazil's **Cunzolo Máquinas e Equipamentos** has taken a 230t **Liebherr** LTM 1230-5.1
- Raimondi** has appointed **Ahmad Shakkour** as manager for Saudi Arabia
- Denmark's **Lift & Loft** has taken the country's first 65ft **Niftylift** HR22SE electric telescopic
- UK's **United Powered Access** has opened a depot in Shildon, England
- MCS** has launched the AI tool **SmartSearch**
- Germany's **Bott** has taken delivery of its 30th **Grove** All Terrain
- Manitou UK** has appointed **Garth Bryson** as MD
- Portugal's **Equipa de Aluguer** has taken five 18m **Oil&Steel** Scorpion 18 truck mounted lifts



Brian MacFarland



Carlos Hernandez



Ahmad Shakkour



Garth Bryson

- Thieves used a **Böcker** furniture hoist to break into the **Louvre**
- India's **Mtandt** has purchased 51 38ft **Snorkel** A38E boom lifts
- France's **Sotrama** has taken the country's first 250t **Tadano** AC 5.250L-2



Anders Werneskog

- Haulotte** has appointed **Anders Werneskog** as GM Scandinavia
- Easy Lift** shipped its first 30m lithium RA31 BA spider lifts to India
- UK's **Osprey** is adding an 800t **Liebherr** LTM 1750-9.1 AT to its fleet
- Canada's **Discover Battery** has expanded its AGM facility
- Manitowoc** has appointed **Timo Stenz** as VP sales for Grove in Central Europe
- Switzerland's **Richi** has taken a 110t **Liebherr** LTM 1110-5.2
- Bobcat** has appointed **Suomen Konetalo** as telehandler distributor for Finland



Timo Stenz

- Germany's **AVS FrankenLift** has taken a 9t **Klaas** K2500 truck mounted crane
- UK's **CoreRFID** is developing a VR interface to access data during lifting equipment inspections
- Dinolift** has appointed **Lifexperten Sverige** as its new distributor for Sweden
- Wilkerson Crane Rental** has appointed **Wes Spencer** as manager of its Wichita branch
- Netherlands' **Jekuntmijhuren.nl** has taken the first 43m **Platform Basket** 43T Hybrid spider in the country



Wes Spencer

- Hiab** has appointed **Jenny McGeough** as president of heavy and superheavy loader cranes and **Kimberly Allan** as executive VP business excellence



Jenny McGeough

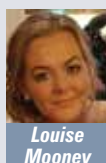


Kimberly Allan

- Netherlands' **Boskalis** has taken a 100t **Tadano** GR-1000EX-4 RT crane

- Germany's **Gerken** has ordered 56 **Magni** 360 degree telehandlers

- UK rental company **Clear View** has appointed **Louise Mooney** as service delivery director



Louise Mooney

- UK's **Coppard Plant Hire** has taken a 30m **CMC** S30 spider lift

- The **Iraqi government** has taken 10 **CTE** truck mounted lifts

- Germany's **Gerken** has added **Hoeflon** spider cranes to its fleet

- UK's **MJR Crane Services** has taken a **Hoeflon** C6 spider crane



Jim Hagen

- UK/Saudi Arabia crane veteran **Jim Hagan** has died

- Canada's **LJP Construction** has taken a 150t **Liebherr** LTR 1150 telecrawler

- Sweden's **Swelift** has purchased 14 **Niftylift** boom lifts

- France's **Alsace Levage Manutention** has taken a 60t **Grove** GMK3060L-1



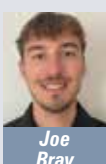
Mick Price

- UK's **Workplatform** has appointed **Mick Price** as technical support engineer

- LiuGong** has appointed **CE Rental** as dealer for Finland

- Finland's **Leguan** has launched **Leguan Academy**, a digital operator training platform

- UK's **APS** has promoted **Joe Bray** to sales manager

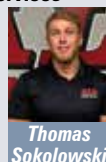


Joe Bray

- MEC** has appointed **Laurent Montenay** as international sales vice president

- US's **Wilkerson Crane Rental** has acquired **Jensen Crane Services**

- ALL** has added two new branch managers - **Thomas 'T.J.' Sokolowski** in Georgia & Alabama and **Joe Kiskunas** in Wisconsin.



Thomas Sokolowski



Joe Kiskunas

- Turkey's **Malatya Vinç** has taken an 800t **Liebherr** LTM 1750-9.1 All Terrain

- Ruthmann** has appointed **Jens Westermann** as head of sales Germany



Jens Westermann

- Germany's **Richter Kran und Schwerlast** took the first 300t **Liebherr** LTM 1300-6.4 with Liccon3 in the country

- UK crane industry veteran **Bill Green** has died



Bill Green

- Spain's **Transgrúas** has opened a new facility in Valdemoro, near Madrid

- Indonesia's **PT Superkrane Mitra Utama** has taken a 230t **Liebherr** LTM 1230-5.1 All Terrain

- US's **Engineered Rigging** has appointed **Connor Olivera** to its engineering team



Connor Olivera

- Germany's **Dornseiff Autokrane und Schwertransporte** has added a fourth 45t **Tadano** AC 3.045-1

- UK's **Mac's Truck Sales** has developed a hidden front outrigger leg for the Volvo FH Aero



Noriaki Yashiro

- Tadano** has appointed **Noriaki Yashiro** as CEO Europe

- JCB** has celebrated its 80th anniversary

- Franna** has appointed **Kevin Aabel** as N. America business development manager



Kevin Aabel

- Germany's **Sönke Jordt** has taken an 80t **Grove** GMK4080L

- Raimondi** tower cranes is to acquire **Terex Cranes**

- Jim Quinn** of UK based **Q Crane** has died



Jim Quinn

- Switzerland's **JMS RISI** has taken the first 100t **Liebherr** LTM 1100-5.3 in the country

- Dica** is expanding its Iowa HQ and appointed **Harrison Hipple** as account manager



Harrison Hipple

- LGMG** has appointed **Tuomas Kujansuu** as service manager - Nordic countries

- Germany's **Luibl Rental** is building a new facility in Weißenfels

- South Africa's **Transnet Port Terminals** has signed a 10 year agreement with **Liebherr**

- US's **Select Crane Sales** has appointed **Darren Reddekopp** as a VP



Darren Reddekopp

- Dutch offshore company **Boskalis** has taken a 100t **Tadano** GR-1000EX-4 RT

- Canada's **LJP Construction** has taken a 150t **Liebherr** LTR 1150 telecrawler

- Palfinger** has opened a North American parts centre in Huntley, Illinois

- Germany's **Dietmar Floßdorf** has taken an 800t **Liebherr** LTM 1750-9.1 AT and a 150t LTR 1150 telecrawler



Tony Phillippi

- US crane sales and rental veteran **Tony Phillippi** has died

- LGMG** has relaunched its North America operations with **Craig Paylor** as president



Craig Paylor

- US's **MEI Industrial Solutions** has taken a 250t **Link-Belt** 300 | AT

- Fassi** has unveiled a new logo and identity

- UK's **NMT Crane Hire** has added a **Spierings** SK1265-AT6 eLift and two 40t **Liebherr** LTM 1040-2.1 All Terrains to its fleet



Luigi Vitaliano

- CTE** has appointed **Luigi Vitaliano** as manager Spain & Portugal

- US's **Sunstate Equipment** has opened a branch in Greensboro, North Carolina

- US's **Bishop Lifting** has appointed **Grant Garrett** as CEO



Grant Garrett

- Jekko** has appointed **PM CZ** as its dealer for the Czech Republic

- Vp group CEO **Anna Bielby** is leaving the company

- Palazzani** has announced a warranty extension programme

- Germany's **Auto Bissinger** has taken a 100t **Tadano** AC 4.100L-1



Stewart Searle

- UK's **Access Platform Sales** has appointed **Stewart Searle** as SE sales manager

- Bronto** has appointed Croatian company **Lažeta Pons** as a service partner

- UK's **Pop Up Products** has appointed **Martin Cheese** as business development consultant

- Austria's **Wolfgang Enzi** has taken the country's first **Ruthmann** Bluelift SA 20 spider lift

- Mateco** has acquired the assets of the Romania's **PSM Rent**

- UK's **Lee Aerial Lifting** has taken the first **Klaas** K2350 truck mounted crane

- Spain's **Alberto Piñeiro Lift** has taken its third 90m **Ruthmann** T900 HF truck mount

- Jekko** has appointed **Synergy Lifting Solutions** as dealer for Scotland

- Manitowoc** has appointed **Andrew Snow** as sales manager **Potain** cranes in the UK & Ireland



Andrew Snow

See www.Vertikal.net news archive for full versions of all these stories



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TOP 30 UK & IRELAND RENTAL COMPANIES SURVEY

For many UK crane, access and telehandler rental businesses the past year has been frustrating, with many larger projects that were scheduled to start this year suffering delays and uncertainty. The construction market has been generally flat for most of the year, and this has been reflected in new equipment purchases and fleet sizes.



UK businesses are also getting to grips with increased National Insurance costs that came into force in April having a more negative effect than the Government anticipated. Rental companies are notoriously bad at passing on such costs to their customers. On top of that many companies were already finding it difficult to find skilled and unskilled labour, and the additional costs mean that many are making do with the staff they have. Companies are also waiting with bated breath for the Government's November budget to see if it will shed any positive light on the sector.

Work in the UK is however on the horizon - from major infrastructure projects right the way down to a major push on housebuilding. Unfortunately, many think the impact of this may not be seen until mid to late 2026.

In the crane sector 2024 saw most leading rental companies consolidate their fleets, while this year has seen a slight increase among many leading crane rental companies, apart from market leader Ainscough Crane Hire which has reduced its fleet by five cranes. The biggest mover is Global Port Services down from fourth to seventh with a 20 percent reduction in the number of mobile cranes it runs.

The story is similar for the access rental companies with of all the leading players, apart from the market leader, increasing expanding their fleets a little. For Nationwide this 600 plus machine decrease comes after its fleet was reduced by almost 2,000 machines the year before.

A good many specialist rental professionals claim that the telehandler sector is always the first to indicate changes to the economic outlook in the country and true to form, most of the leading telehandler rental companies have maintained their fleets at roughly similar levels to last year. Market leader Ardent Hire has added about 140 additional units, taking its fleet to more than 3,000. It has though cut back a little on the number of compacts in its fleet, while adding more 360 degree and full size fixed frame machines. Perhaps a sign of the type of demand to come?

METHODOLOGY

This year we have continued to use the online questionnaire in a bid to make it faster and easier to enter the data. Once again this has proved popular with a record number of responses received. In spite of this, it has been a struggle to obtain data from many of the usual suspects, and it has taken a great deal of chasing and cajoling by email and telephone to bring in the stragglers. For those that 'refused' to take part or simply did not supply information we have used our industry sources to include figures that we think, and hope, are representative estimates.

As always, a very big thank you to all the companies that have participated in this year's survey. We hope that it will prove to be another useful and insightful report for our many readers both in the UK and around the world. Numerous requests from major contractors regarding its publication date indicate that it is becoming an increasingly popular tool for end users.





CRANES

In the past 12 months, economic uncertainty has grown exponentially, new crane prices have not softened but lead times have eased. For crane rental companies finding skilled people and their cost is probably the greatest concern. Thankfully, UK road travel restrictions on all but the largest All Terrains has eased, as common sense takes hold. While Ainscough and a couple of other large fleets have cut their fleets by a few cranes, most crane companies have maintained fleet numbers or added a crane or two. Looking forward, a change is on the horizon among smaller family owned and managed rental companies where a second or third generation is not available and no management hierarchy exists to take over. 2026 may bring some modest consolidation along with a new entrant or two.



TOP MOBILE CRANE COMPANIES

Company	Total	All Terrain/ Trucks	Rough Terrain	Mobile Towers	Pick & Carry	Trailer Cranes
Ainscough Crane Hire	377 ▼	368	0	9	0	0
King Lifting	135 ▲	130	0	2	3	0
Baldwins	83 –	82	0	1	0	0
Kavanagh Crane Hire	73 ▲	70	0	3	0	5
Bryn Thomas Cranes	66 ▼	63	0	3	0	0
Emsley Crane Hire	65 ▲	64	0	1	0	0
Global Port Services	61 ▼	61	0	0	0	0
Davies Crane Hire	58 ▲	55	0	3	0	3
City Lifting	52 ▼	36	0	16	0	10
Emerson Crane Hire	52 ▼	51	0	1	0	3
Southern Cranes & Access	51 –	47	0	3	1	5
Marsh Plant Hire	50 –	50	0	0	0	0
Sarens UK	49 –	44	1	3	1	0
Crowland Cranes	43 ▼	32	4	1	6	3
Dewsbury and Proud	42 –	42	0	0	0	2
ABA Cranes	41 ▲	39	0	2	0	0
Macsalvors	40 ▲	40	0	0	0	0
John Sutcliffe Cranes	39 ▲	35	0	4	0	3
Sparrow Crane Hire	39 –	37	0	1	1	0
East Cork Crane Hire	37 ▲	33	1	3	0	1
Forsyth of Denny	37 –	36	0	1	0	26
Coussens Cranes	35 ▲	33	1	1	0	5
Bronzeshield Lifting	35 ▼	33	0	2	0	1
Cork Crane Hire	32 –	26	0	6	0	0
Steve Foster Cranes	26 ▼	22	0	2	2	3
Tusker Crane Hire	24 ▲	23	0	1	0	0
Horizon Crane Hire	21 ▲	18	0	3	0	2
NMT Crane Hire	21 ▼	18	0	3	0	1
J Hewitt Crane Hire	21 ▲	20	1	0	0	0
Thanet Crane Hire	21 ▲	21	0	0	0	0
Bernard Hunter Mobile Cranes	20 ▼	18	0	2	0	3
PP Engineering	20 ▲	18	0	2	0	0
RRC Crane Hire	19 –	16	0	1	2	0
County Lifting Services	19 ▲	14	0	0	5	0
Bray Cranes	18 ▲	18	0	0	0	0
R.W.Christopher Crane Hire	17 NEW	17	0	0	0	2
Bob Francis Crane Hire	17 ▼	17	0	0	0	0
Marsden Crane Services	17 –	17	0	0	0	0
Cadman Cranes	16 –	16	0	0	0	1
J&M Crane and Transport	12 NEW	12	0	0	0	5

LARGEST MOBILE CRANES

Company	Capacity	Make & Model	# in Fleet
Baldwins	1,000	Terex Demag AC1000	1
Ainscough Crane Hire	800	Liebherr LTM1750-9.1	2
East Cork Crane Hire	800	Liebherr LTM1750-9.1	1
Kavanagh Crane Hire	800	Liebherr LTM1750	1
King Lifting	800	Liebherr LTM1750-9.1	2
Osprey	800	Liebherr LTM1800	1
Global Port Services	750	Liebherr LTM1750-9.1	1
Bernard Hunter Mobile Cranes	700	Liebherr LTM1650-8.1	1
Davies Crane Hire	700	Liebherr LTM1650-8.1	1
Forsyth of Denny	650	Terex TC 2800	1
Bronzeshield Lifting	500	Liebherr LTM500 8-1	1
City Lifting	450	Liebherr LTM1450-8.1	1
Cramscene	450	Grove GMK 7450	1
DLH Lifting Services	450	Liebherr LTM1450-8.1	1
Emerson Crane Hire	450	Liebherr LTM1450-8.1	2
John Sutcliffe Cranes	450	Liebherr LTM1450-8.1	1
Cork Crane Hire	350	Liebherr LTM1350-6.1	1
Tusker Crane Hire	350	Terex AC350	1
Bryn Thomas Cranes	300	Grove 6300L-1	2
Crowland Cranes	300	Liebherr LTM1300.6.3	1
NMT Crane Hire	300	Liebherr LTM1300-6.2	2
R.W.Christopher Crane Hire	300	Grove GMK6300L-1	1
RRC Crane Hire	300	Demag AC 300-6	1
Southern Cranes & Access	300	Liebherr LTM1300-6.3	1
Sparrow Crane Hire	300	Liebherr LTM1300-6.3	1
Steve Foster Cranes	300	Grove GMK 6300L-1	1
Dewsbury and Proud	250	Grove GMK 5250XL-1	1
E J McGovern Crane Hire	250	Liebherr LTM1250-5.1	1
Horizon Crane Hire	250	Grove GMK 5250XL-1	1
Horizon Reinforcing and Crane Hire	250	Grove GMK5250XL	1
J Hewitt Crane Hire	250	Grove GMK5250XL	1
J&M Crane and Transport	250	Grove GMK5250L	1
Walsh Crane Hire	250	Liebherr LTM1250-5.1	1
APH Cranes	230	Liebherr LTM1230-5.1	1
Cadman Cranes	230	Liebherr LTM1230-5.1	1
Coussens Cranes	230	Liebherr LTM1230-5.1	1
Stoddart Crane Hire	230	Liebherr LTM1230-5.2	1
Wire Cranes and Lifting	230	Liebherr LTM1230-5.1	1
Emsley Crane Hire	220	Liebherr LTM1220	1
PP Engineering	220	Tadano AFT 220G-5	1
Central Crane Hire (Hull)	200	Liebherr LTM1200	1
Roadcraft Crane & Plant Hire	200	Grove GMK 5200-1	1

Fleet size in the past 12 months has: ▲ Increased ▼ Decreased — Remained the same

TOP TOWER CRANE COMPANIES

Company	Total	Rope Luffers	Hydraulic Luffers	"Normal" Self Erectors	Hammerhead/Flat Tops
Falcon Tower Crane Services	418 ▲	129	84	88	117
Wolffkran	227 ▼	164	27	0	36
Select Plant Hire	175 ▼	121	20	0	34
Mantis Cranes	163 ▲	0	6	113	44
Bennetts Cranes	141 –	32	78	0	31
London Tower Cranes	140 ▼	30	55	15	40
City Lifting	133 ▼	54	18	26	35
Trident Lifting Solutions	105 ▲	56	26	0	23
Uperio UK - Skyline/Highsparks	92 ▲	60	5	6	21
Ladybird Cranes	80 ▲	0	0	50	30
Irish Crane & Lifting	68 ▲	0	3	5	60
Heathrow Cranes	52 ▼	30	9	1	12
Tower Cranes UK	50 NEW	28	12	0	10
Radius Group	48 ▼	29	7	0	12
A Abraham Tower Crane Hire	46 ▲	4	10	2	30
Lewis Tower Crane Services	44 –	9	0	7	28
Sparrow Crane Hire	31 ▲	0	0	31	0
Nationwide Tower Cranes	30 NEW	7	8	6	9
Dowse Crane Hire	23 NEW	0	0	19	4



TOP CRAWLER CRANE COMPANIES

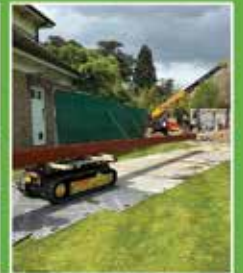
Company	Total	Spider Cranes	Telescopic	Lattice	Mini (<12t)
Weldex	154 ▼	0	51	102	1
Select Plant Hire	81 ▼	0	47	33	1
AGD Equipment	71 ▲	0	57	10	4
Delden Cranes	69 ▼	0	19	50	0
NRC Plant	67 ▼	0	15	30	22
Q Crane & Plant Hire	49 ▼	0	6	41	2
GH Johnson Crane Hire	41 –	0	9	32	0
BPH Equipment	35 –	0	10	25	0
Hawks Crane Hire	25 ▲	0	13	12	0
Sarens UK	22 –	0	5	17	0
Jones Crawler Cranes	20 –	0	10	8	2
Sparrow Crane Hire	17 –	8	1	0	8
City Lifting	12 ▼	7	0	1	4
King Lifting	9 NEW	2	7	0	0
Emerson Crane Hire	8 ▼	3	3	0	2
Stoddart Crane Hire	8 ▼	0	2	0	6
Cadman Cranes	7 NEW	1	4	0	2

LARGEST TOWER CRANE IN FLEET

Company	Capacity	Make & Model	# in Fleet
Trident Lifting Solutions	200	Yongmao STL4200	1
Select Plant Hire	66	Terex CTL1600-66	12
Falcon Tower Crane Services	64	Jaso J780PA.64	5
Wolffkran	60	Wolff 1250B	5
City Lifting	50	Comansa 21LC 750	1
Bennetts Cranes	45	Wolff 500B	1
Heathrow Cranes	36	Sáez SL730	1
Radius Group	32	Potain MR 608	6
Irish Crane & Lifting	24	Raimondi T577	10
Lewis Tower Crane Services	24	Liebherr 357 HC-L	1
Tower Cranes UK	24	Terex CTL 430-24	2
London Tower Cranes	24	Jost 416.24	2
Mantis Cranes	20	Sáez TLS80	2

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The top-left photograph shows a yellow crane on a barge lifting a large, cylindrical object from the water. The barge is positioned next to a lighthouse. The top-right photograph shows a yellow crane lifting a large, spherical object. The bottom-right photograph shows two yellow cranes lifting a large, rectangular object.

TOP MINI/SPIDER/PICK & CARRY COMPANIES				
Company	Total	Mini Crawlers	Spider Cranes	Pick & Carry
GGR Group	259 –	31	144	84
Hird	189 ▲	7	97	85
Lift Minicranes	69 ▲	3	62	4
Coppard Plant Hire	66 ▼	1	60	5
AMC Hire	52 ▼	1	50	1
TCA Lifting	21 ▼	4	15	2
Sparrow Crane Hire	17 –	8	8	1
City Lifting	11 ▼	4	7	0
John Taylor Crane Services	11 ▲	0	11	0
Crowland Cranes	10 –	2	2	6
Nxgen Lifting	8 NEW	0	12	2
Southern Cranes & Access	7 –	0	6	1
County Lifting Services	6 –	1	0	5
Stoddart Crane Hire	6 –	6	0	0
Dewsbury and Proud	5 ▼	2	3	0
Emerson Crane Hire	5 ▼	2	3	0
King Lifting	5 NEW	0	2	3
AGD Equipment	4 ▼	4	0	0

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- Breakdown and recovery
- Courtesy vehicles
- Full asset management
- Dedicated Account Manager
- Compliance checks and certification

TOP 30 ACCESS



This year's fleet submissions are a bit of a mixed bag. As with cranes the market leader has downsized a little, as have a few other major players. Most mid-sized rental companies have added to their fleets or at least maintained them. We have also seen a few sizeable companies close their doors, while others are in the process of reincarnation under a different name.

Access Hire Nationwide continues to dominate the van mounted market, but has corrected its 2024 submission, transferring 245 units or more from van mounts to 3.5 metre truck mounts while adding 50 additional lifts to the overall fleet.

TOP POWERED ACCESS COMPANIES

Company	Units in Fleet	Articulated Booms		Straight Telescopic Booms		Self Propelled Slab Scissors	Mast Lifts	Mast Booms	Spider Lifts	Push Arouds	Rough Terrain Scissor Lifts		Truck Mounts		Van Mounts	Trailer Lifts
		Electric Hybrid	Diesel	Electric Hybrid	Diesel						Electric Hybrid	Diesel	3.5t GVW	Over 3.5t GVW		
Nationwide Platforms	11,116 ▼	948	2,195	127	488	3,566	918	547	114	125	118	1,473	82	126	289	0
MEP Hire	9,394 ▲	0	0	0	0	1,997	0	0	0	7,397	0	0	0	0	0	0
Speedy Hire	7,196 ▼	652	306	0	27	2,580	531	307	1	2,504	7	278	0	2	0	1
Summit Platforms	7,110 ▲	661	1,412	5	397	2,211	404	196	0	343	158	1,323	0	0	0	0
AFI-Uplift	5,722 ▼	480	1,078	3	374	2,320	280	101	55	129	48	624	15	58	150	7
Star Platforms	4,600 ▲	283	122	0	6	2,238	363	167	0	1,068	127	226	0	0	0	0
Sunbelt Rentals	4,372 ▼	258	1,210	0	15	1,697	276	216	36	249	0	411	1	3	0	0
GTAccess	3,111 ▼	340	330	20	40	1,650	50	225	45	50	55	240	35	1	0	30
Advanced Access Platforms	2,851 ▲	383	34	15	44	1,149	142	42	26	842	172	0	0	0	0	2
Charles Wilson Engineers	2,576 —	285	560	0	98	980	35	42	12	240	60	261	0	0	0	3
JMS Powered Access	2,496 ▲	162	180	2	35	675	143	50	80	940	38	174	12	0	0	5
Hire Safe Solutions	2,047 ▲	0	725	0	552	630	0	32	32	75	0	0	0	1	0	0
Access Hire Nationwide	1,890 ▲	0	0	0	0	0	0	0	0	0	0	0	295	110	1,485	0
Height for Hire	1,867 ▼	200	200	0	300	600	50	40	75	100	10	50	50	50	140	2
CPH/Vp	1,425 NEW	78	80	12	45	758	200	32	6	152	10	52	0	0	0	0
X-Hire Platforms	1,410 NEW	85	0	0	0	1,050	175	100	0	0	0	0	0	0	0	0
KDM	1,275 ▲	93	137	8	69	519	109	27	18	148	10	96	6	0	27	8
UK Tool Hire Group	1,243 ▲	71	104	2	8	389	120	40	21	120	4	98	135	3	126	2
Elavation	1,166 —	488	26	0	0	432	36	12	48	62	38	12	0	0	0	12
Charleville Hire & Platform	1,123 —	54	62	3	46	634	85	26	2	165	2	44	0	0	0	0
Mr Plant Hire	1,022 ▲	38	19	2	0	275	51	5	4	595	22	11	0	0	0	0
Horizon Platforms	949 ▲	106	0	0	0	526	0	151	0	166	0	0	0	0	0	0
JPS Platforms	943 ▲	50	55	0	2	466	61	26	4	195	1	83	0	0	0	0
1 Up Access	911 ▲	185	175	10	45	250	5	50	0	0	35	156	0	0	0	0
Access Plus	873 ▲	51	138	1	15	375	58	63	0	84	16	72	0	0	0	0
Mainline	785 ▲	95	88	6	6	410	19	27	0	38	42	51	0	0	0	3
Select Plant Hire	696 ▼	14	9	0	0	355	192	12	0	106	4	4	0	0	0	0
Smiths Equipment Hire	683 ▲	68	40	0	0	307	42	21	5	123	14	60	0	0	0	3
Powered Access Services	642 —	72	161	0	25	214	0	12	0	3	13	142	0	0	0	0
Gwynedd Forklifts	637 ▲	50	158	0	26	172	16	42	3	8	2	158	2	0	0	0
Premier Platforms	628 —	90	53	0	5	265	19	28	1	26	61	76	2	0	0	2
Hird	601 ▲	209	33	4	2	208	0	18	9	50	2	62	4	0	0	0
2 Cousins Powered Access	535 ▲	90	90	0	14	180	15	25	18	28	10	60	0	0	0	5
Ord Industrial	507 ▲	16	149	0	30	188	26	11	5	21	0	60	1	0	0	0
Ashbrook	501 ▲	87	106	0	34	0	0	26	0	0	146	102	0	0	0	0
OK Tool Hire & Sales	456 ▼	0	63	26	26	240	23	15	2	32	0	25	2	0	0	2
One Stop Hire	410 ▼	0	0	0	0	90	0	0	0	320	0	0	0	0	0	0
The Platform Hire Centre	355 ▲	45	40	0	6	155	25	24	0	12	3	45	0	0	0	0
Access Platforms Aberdeen	339 NEW	20	60	0	1	95	15	14	3	100	3	26	0	0	0	2
Astley Hire	335 —	52	0	0	0	143	45	32	0	60	2	0	0	0	0	1
United Powered Access	319 ▲	26	17	0	10	150	13	10	0	15	0	78	0	0	0	0
Dromad Hire	250 NEW	14	12	0	0	153	7	9	11	37	2	2	0	0	0	3
Smart Platform Rental	245 ▼	0	0	0	0	0	0	0	0	0	0	0	207	18	20	0
PG Platforms	196 ▼	18	6	0	0	100	4	9	7	0	2	22	12	7	8	1
Orion Access	190 ▲	25	10	0	1	30	8	4	35	4	0	10	38	25	0	0
Lift Hire Ireland	157 NEW	8	5	0	3	50	8	3	7	6	0	5	27	11	23	1

Fleet size in the past 12 months has: ▲ Increased ▼ Decreased — Remained the same

TOP 30 RENTAL COMPANIES

TOP VEHICLE MOUNTED FLEETS

Company	Total	Truck Mount		Straight Telescopic Booms
		3.5t GVW	Over 3.5t GVW	
Access Hire Nationwide	1,890 ▲	295	110	1,485
Nationwide Platforms	497 ▼	82	126	289
UK Tool Hire Group	264 ▲	135	3	126
Smart Platform Rental	245 ▼	207	18	20
Height for Hire	240 –	50	50	140
AFI-Uplift	223 ▼	15	58	150
Blade Access	123 ▲	50	65	8
Orion Access	63 ▲	38	25	0
Lift Hire Ireland	61 NEW	27	11	23
Clearview Services Group	45 ▲	3	42	0
GTAcess	36 ▲	35	1	0
KDM Hire	33 ▲	6	0	27
PG Platforms	27 ▲	12	7	8
Maps Platforms	27 –	11	1	15
Clerkin Elevation	21 ▲	3	18	0



LARGEST TRUCK MOUNTED LIFTS

Company	Model	Working Height	# in Fleet
Hire Safe Solutions	Bronto S104HLA	104	1
Clearview Services Group	Bronto S104HLA	104	1
Blade Access	Palfinger P1000	102.5	N/D
Nationwide Platforms	Bronto S90HLA	90	N/D
Elev8 Access Platforms	Palfinger P900	90	2
Height for Hire	Bronto S90HLA	90	N/D
AFI-Uplift	Palfinger P750	75	N/D
Orion Access	Socage ForSte 75 TJJ	75	1
ACS Access	Palfinger WT700	70	N/D
Sunbelt Rentals	Bronto S70	70	1
BMS	Bronto 56XR	56	N/D
Smart Platform Rental	Bronto 56XR	56	2
PG Platforms	Ruthmann T510 HF	51	1
Lift Hire Ireland	Bronto S50HDTJ	50	2
NSS Hire	Palfinger P450	45	N/D

LARGEST SCISSOR LIFTS

Company	Model	Working Height	# in Fleet
Hire Safe Solutions	Dingli 3730HRT	37	20
AFI-Uplift	Dingli JCPT3225DC	32	N/D
Mainline	Dingli 3225HRT	32	10
JMS Powered Access	Dingli JCPT2814DC	28	N/D
KDM Hire	Holland Lift 275DS	27	N/D
Advanced Access Platforms	Dingle JCPT2223	22	26
Astley Hire Limited	Dingli JCPT2212	22	N/D
Dromad Hire	Dingli JCPT221DC	22	2
Hird	Dingli JCPT2233DC	22	3
Nationwide Platforms	Dingli JCPT2223DC	22	N/D
Ord Industrial	Dingli 2223RT	22	3
Smiths Equipment Hire	Dingli 2212DC	22	1
Sunbelt Rentals	Dingli 2223DC	22	2
UK Tool Hire Group	Dingli 2212DC	22	4
United Powered Access	Skyjack 9664	22	N/D
JPS Platforms	Skyjack 9664	21	2
Charleville Hire & Platform	Skyjack SJ9664RT	19	3
Access Platforms Aberdeen	Haulotte H18E Pro	18	8
Access Plus	Genie 5390	18	30
APH Cranes & Access	Genie GS5390RT	18	4
PG Platforms	Genie 5390	18	4
The Platform Hire Centre	Genie 5390	18	9
OK Tool Hire & Sales	Skyjack 9250	17	5
Dromad Hire	Dingli JCPT1612AC	16	4
Lift Hire Ireland	Dingli JCPT1612	16	6
Ord Industrial	Genie 4655	16	6
Orion Access	Skyjack 9250	16	3
React Access	Dingli JCPT1612	16	2

LARGEST SPIDER LIFTS

Company	Model	Working Height	# in Fleet
Clearview Services Group	Platform Basket 54T	54	1
Paramount Platforms	Platform Basket 54T	54	1
TCA Lifting	Palazzani XTJ52	52	1
Clerkin Elevation	Ommelift 4200RBDJ	42	1
Hire Safe Solutions	Falcon FS420C	42	1
Orion Access	Easylift R420	42	1
JMS Powered Access	Hinowa 40.18M	40	2
AFI-Uplift	Hinowa LL40.18	40	N/D
Lift Hire Ireland	Omme 3700	37	2
Elev8 Access Platforms	Teupen Leo 36T	36	2
UK Tool Hire Group	Teupen Leo 36T	36	1
Elevation	Hinowa 33.17	33	4
KDM Hire	Hinowa 33.17	33	N/D
PG Platforms	Hinowa 3317	33	1
Nationwide Platforms	Teupen Leo 31	31	N/D
Advanced Access Platforms	Hinowa 26.12	26	4
Mr Plant Hire	Hinowa 26.14	26	1
Sunbelt Rentals	Hinowa 26.14	26	6
Dromad Hire	Hinowa 26.14	26	2
Tracked Access	Multitel MZ250	25	2
Access Platforms Aberdeen	Hinowa 20.10	20	1
Newmarket Plant Hire	Hinowa 20.10	20	4
OK Tool Hire & Sales	Hinowa 20.10	20	2
Ord Industrial	Hinowa 20.10	20	1
Smiths Equipment Hire	Hinowa 20.10	20	N/D
Charleville Hire & Platform	Ruthman Blu Lift SA18	18	2



LARGEST BOOM LIFTS

Company	Model	Working Height	# in Fleet
Hire Safe Solutions	Zoomlion ZT82J	82	2
AFI-Uplift	Zoomlion ZT58J	59	N/D
Nationwide Platforms	JLG 1850SJP	58	1
Mainline (1982)	JLG 1850SJ	58	2
Ord Industrial	Genie SX180	57	1
JMS Powered Access	XCMG XGA48K	49	1
KDM Hire	Genie SX150	48	N/D
Advanced Access Platforms	Genie SX150	48	1
UK Tool Hire Group	Dingli BA44RT	44	1
1 Up Access	Dingli BA44	44	4
Sunbelt Rentals	JLG 1350SJP	43	8
APH Cranes & Access	Genie Z135/70	43	1
Gwynedd Forklifts	Genie ZX135	43	12
Summit Platforms	Genie ZX135	43	9
Powered Access Services	Genie ZX135	43	4
Charleville Hire & Platform	Genie ZX135	41	1
GTAccess	Genie S125	40	2
Lift Hire Ireland	Genie S125	34	1
UK Tool Hire Group	Dingli BT30	30	1
Elavation	Dingli BT30	30	2

PERCENTAGE OF FLEET HYBRID/ELECTRIC/DIESEL

Company	Electric	Hybrid	Diesel
1 Up Access	30	30	40
2 Cousins Powered Access	60	10	30
Access Hire Nationwide	3	2	95
Access Platforms Aberdeen	38	2	60
Access Plus (A Briggs Company)	40	10	50
Acrolift	5	0	95
Advanced Access Platforms	46	48	6
AFI-Uplift	53	6	41
APH Cranes & Access	35	9	56
Ashbrook	26	8	66
Astley Hire	1	0	0
Axis	50	25	25
BMS	0	0	100
Charles Wilson Engineers	35	25	40
Charleville Hire & Platform	1	0	0
Clearview Services Group	0	15	85
Clerkin Elavation	40	0	60
Dromad Hire	89	6	6
Elavation	44	48	8
GTAccess	50	25	25
Gwynedd Forklifts	30	20	50
Hird	45	35	20
Hire Safe Solutions	18	12	70
Horizon Platforms	85	15	0
JMS Powered Access	40	20	40
JPS Platforms	79	6	15
KDM Hire	69	4	27
Lift Hire Ireland	30	2	68
Mainline (1982)	60	5	35
Maps Platforms	10	5	85
MEP Hire	100	0	0
Mr Plant Hire	90	7	3
Nationwide Platforms	30	30	40
Newmarket Plant Hire	33	50	17
OK Tool Hire & Sales	70	2	28
One Stop Hire	99	1	0
Ord Industrial	40	10	50
Orion Access	30	30	40
Paramount Platforms	33	50	17
PG Platforms	50	25	25
Premier platforms	43	20	37
React Access	60	20	20
Select Plant Hire	96	2	2
Smart Platform Rental	0	10	90
Smiths Equipment Hire	50	15	35
Speedy Hire	84	7	9
Star Platforms	87	5	8
Summit Platforms	40	20	40
Sunbelt Rentals	43	6	51
TCA Lifting	100	0	0
The Platform Hire Centre	62	14	24
Tracked Access	0	0	100
UK Tool Hire Group	57	6	37
United Powered Access	43	7	50
CPH/Vp	70	4	26
X-Hire Platforms	90	10	0

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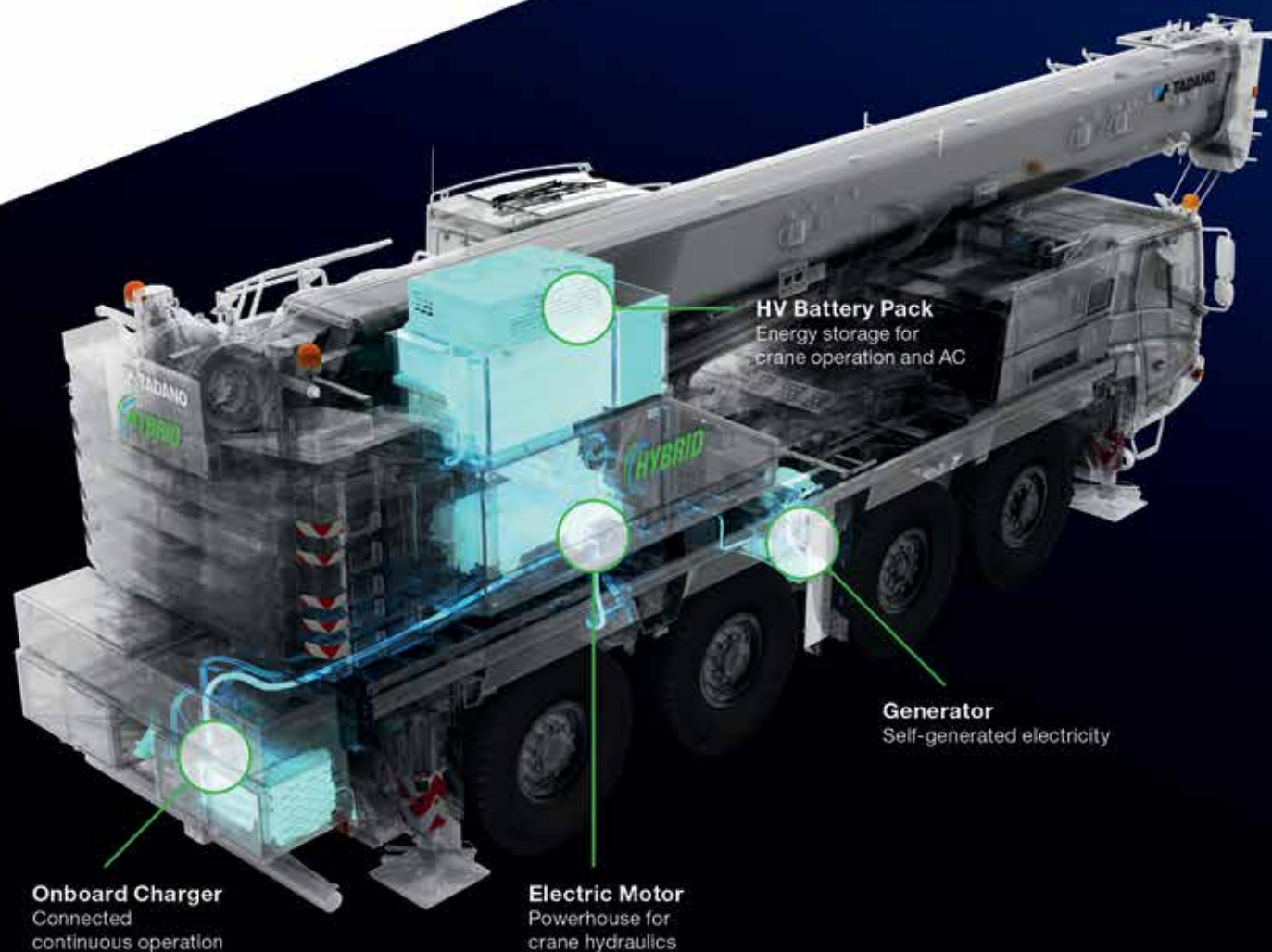


TOP 30 RENTAL COMPANIES

COMPANY DETAILS & INVESTMENT

Company	Investment £	Depots	Staff	# Bought	# Sold
1 Up Access	3,000,000	1	45	0	0
2 Cousins Powered Access	1,790,000	1	18	0	0
Access Hire Nationwide	N/D	6	285	0	0
Access Platforms Aberdeen	500,000	2	17	8	12
Access Plus	1,500,000	2	50	62	14
Acrolift	N/D	1	3	0	0
Advanced Access Platforms	8,010,650	6	92	732	265
AFI-Uplift	N/D	15	278	0	0
APH Cranes & Access	0	1	10	0	1
Axis	100,000	1	2	0	0
Clearview Services Group	10,000,000	1	65	15	8
Clerkin Elevation	N/D	1	N/D	0	0
CPH/Vp	N/D	3	38	0	0
Dromad Hire	1,744,873	1	31	82	64
GTAccess	10,000,000	11	182	210	190
Gwynedd Forklifts	2,000,000	2	65	0	0
Hird	1,000,000	3	120	19	0
Hire Safe Soutions	10,350,000	3	112	339	149
Horizon Platforms	N/D	1	70	0	0
JPS Platforms	3,306,257	1	31	42	0
Lift Hire Ireland	1,000,000	1	30	25	1
Mainline	7,000,000	1	46	0	0
Maps Platforms	N/D	1	5	0	0
MEP Hire	N/D	13	240	1,194	0
Mr Plant Hire	N/D	3	67	0	0
Nationwide Platforms	N/D	29	N/D	459	548
Newmarket Plant Hire	N/D	6	55	2	2
OK Tool Hire & Sales	650,000	2	23	29	27
One Stop Hire	N/D	22	270	0	0
Ord Industrial	3,500,000	2	83	81	7
Orion Access	1,200,000	1	45	35	29
Paramount Platforms	750,000	2	30	9	7
PG Platforms	900,000	2	40	49	16
React Access	350,000	1	8	0	0
Select Plant Hire	908,000	3	25	144	49
Smart Platform Rental	1,400,000	7	78	0	0
Smiths Equipment Hire	N/D	18	N/D	11	0
Star Platforms	3,000,000	7	180	0	0
Summit Platforms	N/D	11	347	0	0
TCA Lifting	N/D	1	N/D	0	0
The Platform Hire Centre	1,500,000	1	N/D	0	0
UK Tool Hire Group	4,000,000	7	90	0	0
United Powered Access	N/D	2	18	0	0
X-Hire Platforms	1,200,000	2	50	0	0



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TELEHANDLERS

TOP 30

Unlike the other sectors, market leader Ardent has continued to expand its fleet, as has the number two - Morris Leslie - while the next three have cut back a little. The majority of companies have modestly increased their fleets but reduced the number of compacts. Looking at a 360 degree model specialist such as GTLifting, it has expanded, while a few more smaller fleets now run 30 metre plus models.



TOP TELESCOPIC HANDLER COMPANIES

Company	Total		Fixed incl Compact and HD	360°	Compact	Full Size	Heavy Duty	Electric	Largest Fixed	Largest 360°	Depots	Employees	Investment £
Ardent Hire Solutions	3,122	▲	3,002	120	600	2,400	2	0	20	35	6	N/D	55,000,000
Morris Leslie Plant Hire	1,934	▲	1,934	0	273	1,659	2	0	20	0	15	250	65,000,000
Sunbelt Rentals	1,828	▼	1,814	14	320	1,500	8	18	20	26	260	4,400	N/D
Charles Wilson Engineers	1,528	▼	1,500	28	160	1,340	8	17	20	26	29	390	N/D
UK Forks	1,512	▼	1,460	52	142	1,308	10	16	20	35	6	130	N/D
Hessle	839	▲	786	53	51	698	37	0	18	35	4	57	6,000,000
GT Lifting Solutions	775	▲	432	343	32	225	175	0	17	51	5	50	22,500,000
Greenwood Hire	681	▲	440	241	25	167	248	0	17	35	7	15	3,500,000
Flannery Plant Hire	660	▲	660	0	60	600	0	15	20	0	9	2,100	N/D
Jarvie Plant	656	▲	620	36	120	500	0	3	20	30	10	200	N/D
Plantforce	650	▲	650	0	30	620	0	0	17	0	12	250	N/D
H.E. Services	562	▲	562	0	100	462	0	1	20	0	11	106	10,000,000
Boles Hire	551	▲	446	105	120	320	6	1	20	35	1	25	N/D
Ashbrook	455	▲	455	0	87	368	0	0	20	0	2	N/D	N/D
Summit Platforms	437	▲	437	0	37	400	0	0	0	0	11	347	N/D
Plant Hire UK	400	▲	400	0	20	380	0	0	20	0	1	20	N/D
B&T Plant Hire	372	▲	372	0	86	286	0	0	18	0	2	30	2,500,000
L Lynch Plant Hire	350	▼	350	0	50	300	0	10	20	0	9	500	N/D
Thomas Plant	300	—	300	0	50	250	0	0	20	0	12	150	N/D
Mervyn Lambert Plant	250	▲	250	0	30	220	0	0	18	0	1	100	N/D
Fairfax Plant Hire	250	—	250	0	50	200	0	0	20	0	3	106	N/D
Chippindale Plant	236	▲	236	0	40	296	0	0	18	0	8	111	N/D
Hubbway Plant Hire	160	▲	160	0	30	120	10	0	18	26	1	100	N/D
KDM Hire	149	▲	139	10	45	89	5	1	18	30	7	249	N/D
Gwynedd Forklifts	139	▲	139	0	22	117	0	5	20	0	2	65	600,000

Fleet size in the past 12 months has: ▲ Increased ▼ Decreased — Remained the same N/D Not disclosed

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SPIDER, ARTICULATED, MINI CRAWLER OR TRAILER?

The market for small lightweight cranes - spider, mini crawler, articulated and trailer - has become increasingly crowded as innovative products are developed and new companies enter the space. The spider crane dominates in terms of sales and working population, having grown from a tiny niche product 30 years ago to becoming almost mainstream as more companies appreciate its capabilities, particularly its ability to get much closer to the load than All Terrain or truck cranes and work in tight spaces or indoors. Mini crawler cranes and trailer cranes have been around for as many years but remain a niche product - although there are signs of growing interest in both. We take a look at the latest products and developments in this varied market sector.

The spider crane originated in Japan in the 1970s, and for the first 10 or 15 years remained a local peculiarity. Swedish distributor Kranlyft can take credit for introducing the concept into Europe and North America when it began distributing Maeda cranes in the 1990s. It remained an expensive oddball product until competition spiced up the market in the form of GGR with Unic and Italian producer Jekko (initially Imai). Since then, it has transitioned from being dismissed by most crane rental companies as a niche 'toy' into a mainstream lifting device.

Previous issues of C&A have outlined the ongoing developments with Japanese companies such as Unic and Maeda at the forefront, with Jekko and Hoeflon from the Netherlands increasingly taking a more prominent role in terms of innovation. Hoeflon in particular now produces a range of cranes that are more compact and lightweight, while companies such as Kegiom and BG Lift from Italy and more recently SPT from China are also expanding the sector.

Spider crane development is generally evolutionary although there have been a few more unusual developments such as the 3.2 tonne

capacity Unic URW345, or 'Pop Up' crane as GGR dubbed it when launching it at Bauma 2022. Its key difference is its rising boom pivot point which enables the entire length of the chassis to be used for base boom stowage. The riser then elevates, almost vertically, raising the boom pivot point to a height of more than two metres, while moving it forward towards the centre of the chassis. This is similar to Jekko's new JCX80 mini crawler crane, but more on that later.

NEW SPIDERS

Several new spider crane products have been introduced over the past year or so including the all-electric version of BG Lift's four tonne capacity M400 compact spider crane, which

Unic launched its 'Pop Up' crane at Bauma 2022



The excellent outreach of the trailer crane



features a four section main boom with a three section articulated jib for a maximum tip height of 21.1 metres, at which point it can handle 750kg, or 170kg at its maximum radius of 17 metres.

SPIDER CRANES

BG Lift M400



Without the jib, the crane has a maximum hook height of 14.8 metres with a 1,900kg capacity. Alternatively, it can handle 420kg at a radius of 12.1 metres. The crane has an overall stowed width of 1.2 metres, an overall length of 4.25 metres and is 1.96 metres high, with an all up weight of 4,300kg.

UNIC DUO

Unic launched two new cranes at Bauma this year - the eight tonne URW-806-3 and four tonne UM445. The 806-3 has been developed from the URW-706-2 and features a six section boom with a maximum capacity of eight tonnes at 1.7 metres radius, and takes 1,350kg to its maximum lift height of 19.5 metres, or 800kg to 25.2 metres on the jib. At its maximum main boom radius of 18.6 metres, it can handle 200kg, with a few more metres possible with the jib. Stowed dimensions are 5.6 metres long, 1.67 metres wide and 2.18 metres high. Overall weight is 8,520kg with power coming from a Kubota diesel. The electric version is slightly heavier.



The URW-806-3 on display at Bauma

The UM445 has a five section 11 metre main boom and is rated at 1.8 metres, while managing 1,840kg on the fully extended boom and 880kg at 16.4 metres lift height on the jib. Its maximum radius is 9.8 metres at which point it can handle 490kg or 100kg at 15.7 metres with the jib. Transport dimensions are 3.1 metres by 750mm with an overall height of 1.95 metres, and 3,830kg overall weight. Power comes from a 160Ah lithium-ion battery pack that can be charged during operation, with a charging time of three hours on 200 volts or 6.2 hours on a 100 volt supply. The first unit was purchased by Irish rental company Liffey Crane Hire.



Unic UM445

CE FOR SPT

Last year Chinese spider crane manufacturer SPT launched the European version of its new 2.98 tonne S7 spider crane through its European master distributor, German spider crane and glass handling specialist Uplifter. The crane features a four section main boom topped with a three section telescopic luffing jib for a maximum tip height of just over 17 metres with a capacity of 600kg. The jib can luff down to horizontal with the boom at its maximum elevation of 80 degrees. In this position it has a jib tip capacity of 400kg at a radius of six metres and a hook height of just over 11 metres. Maximum radius is 14.5 metres with a capacity of 100kg.

The crane has an overall width of 770mm extending to just over a metre for additional stability when travelling. Overall length is 3.9 metres and overall height 1.95 metres. The outrigger set up is flexible with each leg having five positions, ranging from parallel to the chassis to 90 degrees to the chassis, with automatic levelling. Maximum footprint is 4.7 metres by 4.7 metres. Total weight with jib installed is 2,900kg allowing it to be transported by a two axle equipment trailer.



SPT S7

Power comes from a Kubota diesel, and a single phase plug-in electric motor for working inside while a radio remote controller with large LCD colour display is standard. The direct control panel on the crane also has its own LCD colour display panel.

MAEDA

It is surprising that spider crane pioneer Maeda produces machines that are not available for the home market. Its latest spider crane - the 2.8 tonne MK3053C - has been sold internationally since 2024, but only recently made available in Japan.

The MK3053-C features a five section main boom with a three section telescopic jib for a maximum tip height of 16.95 metres at which point it can handle 50kg. It can also take it out to the maximum radius of 14.5 metres.

Maeda has also just announced that it is ceasing production of the 1.72 tonne capacity



Meada MK3053 Eco



MC174CRM

MC174CRM. On its website it said: "Due to the considerable time that has passed since the launch of MC174C and the resulting difficulty in procuring parts, we have decided to end production."

JEKKO

At Bauma Jekko launched several new products including two spider cranes: the SPX532.2 - an update of the SPX532 - and the 2.8 tonne SPX328 EVO+ with Integrated Electric Jib which, says Jekko, is a "totally brand new concept of tool/crane integration."

The SPX328 EVO+'s electric jib is fully integrated into the crane's systems, using the crane's battery for power and the radio control for operation, thus eliminating the need for a separate battery while being directly connected to the crane's Load Moment Indicator (LMI).

The new SPX532.2 is an update of the SPX532 and although visually similar to its predecessor,

it features a slightly lighter boom, Autec remote controls and sturdier outriggers with nine, rather than five fixed positions. The unit has a 10.3 metre main boom and a 5.1 metre jib offering a maximum tip height of 17.3 metres. Using just its main boom, it can lift 1,450kg at an 11.8 metres tip height, 500kg at a 9.4 metre radius and 100kg



SPX328

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SPIDER CRANES



The Jekko SPX532.2 at Vertikal Days

to its maximum 14.8 metre radius. It also offers a pick & carry capacity of 400kg. Overall width is 770mm, height 1.97 metres and overall length 3.15 metres. Overall weight is 2.52 tonnes.

MINI CRAWLERS

The mini crawler crane - a shrunken version of a telescopic crawler - dates back in one form or another to the late 1960s. Key features are a cab and no outriggers and most smaller models are based on a mini excavator platforms.

The market took off in the 1980s and 1990s particularly in the UK with the locally built Starlifter and AGD Equipment which distributed



Maeda CC1485

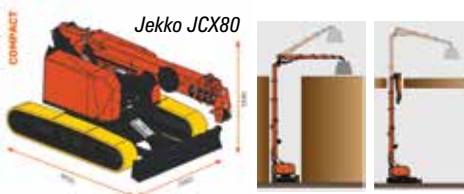
IHI models. However European demand appeared to fade away around the millennium, and most Japanese manufacturers pulled out of the market. Maeda has kept the concept going with its CC range, with the market picking up again as China's Sunward and Italy's Jekko entering the market.

JEKKO JCX80

Missed by many at this year's Bauma was Jekko's new eight tonne JCX80 - the first of a new mini crawler crane range. The lithium battery powered crane has a maximum tip height of 26.1 metres and a maximum radius of 17.3 metres.

On the main boom, tip height is 16.2 metres at which point it can lift four tonnes and 560kg at its maximum 13 metre radius. The crane is just under five metres long - 5.34 metres with jib - two metres wide and 2.34 metres high, making it ideal for tight workspaces. The crane has 360 degrees slew and its tracks can extend 700mm for increased stability when working. It is also possible to remove the two tonne counterweight to bring the weight down to under 10 tonnes for transport.

The main boom elevates to a full 90 degrees - which Jekko calls 'Tower mode'. The boom pivot point can also rise to three metres in height, for working on some tight sites. It also provides a 35 degree negative boom angle allowing it to reach 5.5 metres below ground level at a maximum



radius of 11 metres.

A five section, 10.7 metre telescopic jib with a three tonne maximum capacity is optional and can be fitted with either a hook or winch. With jib installed, the maximum radius increases to 25.2 metres with a 300kg capacity or it can achieve an up & over height of 16 metres with 12 metres radius. The crane has 106 metres of 8mm wire rope on board.

TOWER MODE

In 'tower mode' tip height is 17 metres and with the jib horizontal it can handle 500kg at a 10.2 metre radius, one tonne at 6.5 metres or three tonnes at 2.5 metres.

The crane also offers a pick & carry chart, but not in tower mode. The LiFePO4 lithium battery has enough power for more than a day's work with the energy recovery system on the winch and brakes topping up the battery while working. The onboard fast charger can be plugged in while the crane is working.

The crane is operated by radio remote control - unlike the traditional mini crawlers - and includes self-diagnostics and emergency stop button. A spare battery is stored on the machine.

An integrated camera system monitors the crane, load and winch, using AI for improved control and prediction capabilities. Jekko has also formed a partnership with Danish telematics company Trackunit to develop J-Link adding remote fleet management, monitoring system and diagnostics.

GGR'S OTHER RANGES

UK based crane sales and rental company GGR - the European master distributor for Unic cranes - offers a wide range of crawler cranes from the

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GGR's five tonne Sunward SWTC 5C



Sunward 10 tonne mini crawler crane



BG Lift CWE 525

990kg capacity Almac T-Crane 1060 to the 10 tonne Sunward SWTC 10.

Sunward Europe has two mini crawler cranes in a range that extends to 50 tonnes - the five tonne SWTC 5D and the 10 tonne SWTC 10. Maximum lift heights are 16.5 metres and 21.5 metres respectively while they weigh 10.9 and 20.5 tonnes respectively in working mode.

GGR offers a 'sight and sound' hook based monitoring system for the SWTC 10, which allows the operator to see the load and hear all that is going on in the load area. The system is particularly useful where the operator's view of the load is obstructed, such lowering into shafts. Features include a 113 degree wide-angle lens, 19.2 volt battery pack with up to 12 hours operating time, a 1080p resolution auto-focusing sensor with audio from the sensor to the cab, and

an in-cab AC or DC powered 10.1 inch HD monitor with built-in speakers. The unit records on loop for up to 30 days.

ARTICULATED SPIDER CRANES

The spider and mini crane have been joined in recent years by a new breed of machine, the tracked articulated crane which has gained in popularity over the past eight years as more manufacturers join in. The concept adds an articulated loader crane to a heavy duty tracked undercarriage, combining the versatility of an articulated loader crane boom, with the manoeuvrability and rough terrain ability of a mini crawler crane while saving weight through the use of outriggers.

Sales of all types of articulated crawler cranes have generally been slow but are starting to improve as end users begin to identify projects

that would benefit from their specific skill set.

Jekko launched its tracked JF545 in 2017 after Fassi acquired a stake in the company in 2016. The JF545 had a maximum capacity of 15.5 tonnes, a maximum tip height of 30 metres and could handle one tonne at 25 metres. Overall width is 1.84 metres, and overall length is 5.45 metres. Around about the same time, fellow Italian company Brennero/BG Lift introduced its



BG Lift CWE 525

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SPIDER CRANES



BG Lift CWE 525

14.5 tonne CWE 525 which had a maximum tip height of almost 33 metres and maximum radius 29.4 metres with a 580kg capacity and could raise the jib 20 degrees above the horizontal.

Since then both companies have expanded their ranges - BG Lift now has two larger models - the CWE 525 and M 4000 - while Jekko has four models - the JF990, the upgraded JF545.2, JF365 and the JF235 with the recently added electric version.

Whilst BG Lift describes its M 4000 as a lightweight compact crane, it has a maximum capacity of 40 tonnes and a maximum radius with the optional jib of 42.5 metres! The crane weighs just under 28 tonnes excluding accessories and is 7.39 metres long, 2.26 metres wide and just over three metres high. Its CWE 525 is in comparison compact, even though it has a 14.5 tonne capacity and weighs 13,200kg. Maximum radius with the 6S hydraulic jib is 29.4 metres and maximum lift height 32.5 metres.



BG Lift M4000

PALFINGER'S MODULAR CONCEPT

Another product towards the top end of this market, is Palfinger's PCC range. Introduced in 2018 it includes three models - the 18.2 tonne PCC 57.002, the 22 tonne PCC 71.002 and 30 tonne PCC 115.002. Although not overly popular, it has some enthusiastic followers. GGR in the UK has recently taken two PCC 115.002 into its rental fleet.

The main difference between the Palfinger's and the other articulated cranes is that the PCC models can be separated into three modules - the tracked chassis, superstructure and counterweight - for easier transportation or gaining access through restricted areas. The



GGR in the UK has recently taken two Palfinger PCC 115.002 into its rental fleet

superstructure can self-load onto a truck using its outriggers and be operated in this position without its chassis, or it can be truck mounted.

The superstructure module of the PCC 115.002 with jib and winch weighs 25 tonnes, while the chassis weighs 10 tonnes. The crane also has the ability to 'shift' forwards or backwards using its outrigger beams stowed parallel with the chassis, allowing it to pass under low overhead obstructions or to load itself into a container. The cranes have overall widths from 1.9 to 2.1 metres, overall heights between 2.8 to 3.66 metres or 2.1 to 2.36 metres without the chassis. Overall length ranges from 5.9 to 7.45 metres.

LITHIUM JF

The most recent Jekko JF is the lithium-ion battery powered version of its 6.15 tonne JF235CL. The model has the same features and lifting performance as the diesel JF235 with a five section boom and a maximum tip height of just over 15 metres, at which point it can handle 5.4 tonnes. The maximum radius with the boom horizontal is 12.7 metres with a capacity of 1,280kg. A five section luffing jib can be installed to take the maximum tip height to 25 metres with a capacity of 485kg.



The most recent Jekko JF is the lithium-ion battery powered version of its 6.15 tonne JF235C

Being emission free, the new electric model is aimed at indoor operation and features a 48V lithium-ion battery pack with Battery Monitoring System integrated into the machine's electronics. The battery provides enough power for up to 10 working hours on a 35 percent duty cycle.



The battery on the JF235 is good for up to 10 working hours on a 35 percent duty cycle

The crane can be recharged with both single phase (230V) or three phase (400V) chargers, can be fully recharged from zero in 6.5 hours and can continue to operate at full power while recharging. The crane is able to be used with a wide range of accessories including a 1.5 tonne winch, mechanical extensions or jibs, a range of man baskets and manipulators, while hydraulic accessories include rotors, clamps, and chain saws.

Jekko also launched a new second generation version of its 15.5 tonne JF545 articulated tracked crane, the JF545.2 last year. The key improvement on the new model is its Variable Speed Engine Management system which matches the engine speed to the function operated, and is said to provide faster, smoother and more precise operation along with reduced fuel consumption. The operator can also choose from three working modes - Eco, Normal or Power - each with a different performance characteristic, suited to different applications. Engine information such as RPM, fuel levels and the time remaining before needing to refuel are shown on the crane's seven inch touch screen display panel which is waterproof to IP66 levels and features a new, more intuitive interface and a wider set of functions.



The JF545.2's engine control information on the touch screen display

The crane's engine is equipped with a new DPF filter with automatic management for lower emissions, while a three phase plug-in electric motor is available for working indoors or in noise/emission sensitive areas. The hydraulic system has been redesigned and now incorporates a dedicated electric powered hydraulic oil cooler.

In terms of the crane's structure, the three section outriggers have a greater number of set up configurations. When stowed the crane has an overall width of 1.84 metres, an overall height of 1.83 metres and is 5.83 metres long. New options include a low temperature pack with a pre-heating kit for counties with extreme cold and a work platform that offers a maximum working height of 32.2 metres and a platform capacity of 200kg.



The new Jekko JF545.2 2



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SPIDER CRANES

The trailer crane is not about maximum capacity but more about reach



TRAILER CRANES

One of the more niche crane sectors is the trailer crane with three German manufacturers - Böcker, Paus and Klaas - being the main players. It is no coincidence that these manufacturers have a major feature that unites the equipment - aluminium booms. Bocker and Klaas have perfected their use over many years on their truck mounted cranes. The trailer cranes are mounted on a wheeled chassis that weighs less than 3.5 tonnes and can therefore be towed behind a larger 4x4 vehicle.

Like their truck mounted siblings, the trailer crane is not about maximum capacity, but more about reach. Paus' largest of two models - the PTK 31 - has an aluminium main boom with hydraulic extendible jib giving it a maximum extension of 30.5 metres and it can lift 1,200kg to almost eight metres radius, 350kg to 15 metres and 100kg to 24.5 metres. Transport length is 8.8 metres and width is 1.96 metres.

The latest trailer crane from Paus is its top of the range 2.5 tonne PTK XX with a maximum tip height of over 35 metres. The crane also features Paus quick change 'Multi-jib system.

The compact single axle trailer chassis of the PTK XX is equipped the same Paus wheel drive used in the PTK 31 which can manage steep inclines. As



The latest trailer crane from Paus is its top of the range 2.5 tonne PTK XX

with the PTK 31, the PTK XX measures just two metres wide.

KLAAS

The largest Klaas trailer crane is the 1.5 tonne capacity K400 with a 34.3 metre hook height. Klaas launched its first battery electric crane - the K280 E - in 2023 based on crane the original model launched two years earlier. The specifications are mostly the same as the original, with a maximum capacity of 800kg at up to a six metre radius and a height of 21 metres. The three section main boom and fixed offsettable jib provide a maximum tip height of just over 26 metres. Maximum radius is 22 metres at which it can handle 250kg up to a height of around four metres.

The power pack is said to provide a full day's work, even when using the self-propelled drive function or heavy use. Recharging times are not given apart from the fact that it will go from zero to full charge overnight on a standard 13 amp socket. It claims that for more typical applications it has enough power to drive into position and run several days between re-charges. The outrigger beams are pulled out manually with several widths available, while the long throw hydraulic



Klaas K280

jacks are equipped with auto levelling. The crane's stability is constantly checked and monitored via the ASC system, which also takes wind speed into account.

ELECTRIC BÖCKER

The new Böcker AHK 36e electric trailer crane - with a maximum lift capacity of 1,500kg - has extremely low energy consumption thanks to a new, high efficiency drive and completely newly developed electric winch. This combined with a 12.2kWh battery ensures at least 10 hours use in typical applications. It also recovers energy when the load is lowered via the cable winch and feeds it back into the battery. The electric winch has rope speeds of up to 100 metres a minute. During or after operation the crane can be charged with a 230 volt household socket.

The AHK 36e has a three section boom topped by a three section luffing jib, and two metre extension for a maximum tip height of almost 35 metres at which point it can handle 250kg out to a radius of 23.1 metres and a height of 21 metres. Two tonnes maximum capacity can be taken to a radius of 5.4 metres, while 1,000kg is possible at 10 metres radius. German rental company Höffmann Krandienst recently took delivery of the first AHK 36e with a direct drive electric winch, its 33rd Böcker crane.

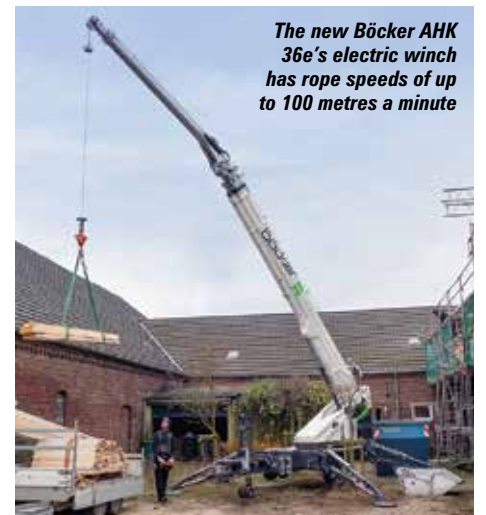
The crane features 360 degree continuous slew, a main boom elevation of 85 degrees and jib articulation of up to 162 degrees. Overall dimensions are 9.2 metres long, 2.3 metres wide with a height of 2.9 metres while the overall weight is 3,500kg. Standard features including work lights, outrigger warning lights and a hook camera.

The crane can also be fitted with the PK 250-D work platform attachment giving a maximum working height of 29 metres with platform capacities of 250kg at 15.8 metres outreach or 100kg at 18.8 metres. ■

The Paus PTK 31



The new Böcker AHK 36e's electric winch has rope speeds of up to 100 metres a minute



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MECHANISATION THE KEY

The equipment used by arborists has changed over the past 25 years as the growth of spider lift use has curbed tree climbing that used to dominate the industry. But is this trend about to change as other types of mechanised equipment that avoids working at height altogether become available?

The first rule of working at height is don't! If there is another way that avoids working at height... then do that. Climbing trees is physically demanding and inherently risky, which forced older, highly experienced arborists to consider alternative work or retirement. The adoption and spread aerial work platform lifts - including truck, van and pickup mounted, as well as spider lifts - has changed all that, although it has not fully replaced tree climbing. The past 10 years has seen an 'explosion' in platform sales to tree care companies as they embrace a safer and more efficient method of working at height and has enabled older arborists to continue working on the trees long after their climbing days have ended, while reducing the number of injuries suffered by younger team members.

STILL A PLACE FOR CLIMBING

However, on some tree jobs climbing remains the best, or the only option, particularly when there are dense canopies or structural tree inspections deep within the crown. These usually require a skilled climber, however, the most effective arborists are those who blend methods - using an aerial lift in combination with climbing reduces the unexpected hazards.

C&A regularly covers the latest developments in spider lifts so we will not delve into too much detail here. However, it is worth pointing out that while all manufacturers sell spider lifts into the sector, only a few offer heavy duty models to cope with the usual abuse, with built-in protection from falling branches etc. There are even fewer that offer models designed specifically to travelling over the most uneven terrain and levelling up on the steepest, most uneven slopes to work.

WORKING AT HEIGHT 101

The latest growth area in the sector is the use

of machines such as telehandlers with special attachments meeting work at height rule 101 - i.e. carry out the work from ground level. 360 degree telehandlers are now offered with lift heights of 50 metres and equipped with a grab/saw attachment for high level tree cutting are ideal for this type of work, all from the safety of a reinforced cab.

Scottish landscape management contractor, Complete Weed Control, for example opted for a Merlo Roto 50.26S Plus which has a 25.9 metre lift height combined with a GMT TTC050 grapple saw for safer tree removal which director Keith Gallacher believes has not only attracted new clients but also improved safety and operational efficiency. "This machine offers exceptional reach, allowing operators to handle limbs from various angles without repositioning the equipment," he says.

The company was involved in the clean-up operation after Storm Eowyn in January. The Merlo played a crucial role in safely and efficiently removing hazardous trees by enabling operators to work from a distance. It also made it possible to sectionalise and remove dangerous trees that would have been nearly impossible to handle without mechanisation.



**Keith Gallacher of
Complete Weed
Control and the
Merlo Roto
50.26S Plus**

"One of the most significant advantages of the telehandler and grapple saw is its ability to eliminate the risks faced by chainsaw use, particularly when working at height. Injuries and fatalities in arboriculture often stem from these hazards, making mechanised solutions invaluable. Field teams also appreciate its efficiency, often struggling to keep pace with its rapid work rate."

ARTICULATED SPIDER CRANES

Another type of equipment finding its way into the arborist's armoury is the articulated crawler crane. Matlock, Derbyshire, UK based Thompson Tree Services used a Jekko 545 V-Max fitted with a grapple saw to successfully remove flood debris - including a fallen tree - from a river reducing the risk of further flooding. The operation required precise and controlled cutting of the large timber, usually a challenging task as access was challenging, with minimal set up space. A comprehensive lift plan was needed to strategically position the crane with a clear line of sight for the grapple saw operation. The cut sections were lifted and relocated to the riverbank using the crane and removed from site in a large bin trailer. The branch material was chipped with a whole tree chipper and sent for use as biomass. We will cover this subject in more detail in future issues. ■



**Thompson
Tree Services'
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ARB IN THE USA

The tree worker sector is one of the largest users of spider lifts in North America. And while accurate market statistics are difficult to obtain, it is generally thought that CMC is the market leader. Mark Darwin talks to Jeff Poggi, chief executive of CMC North America, about the sector and its arb specific products.

Jeff Poggi was appointed the new chief executive of CMC North America in February 2025 and although his background is mainly in the audio & automotive sectors, he has rapidly picked up the transition to access equipment having worked in Italy for about 10 years prior to joining CMC.



Jeff Poggi

CMC North America is based in a newly leased 70,000 square foot facility in Methuen, north of Boston, and was founded as All Access by spider lift veteran's Lenny and Ryan Polonski as the CMC distributor before being acquired by CMC in 2023 when revenues were around \$80 million. The deal was finally completed in February 2024 with the Polonski family continuing to manage the business until February this year.

SO, IS CMC THE MARKET LEADER IN THE ARB SECTOR?

"It is difficult to get accurate figures however we feel we have the dominant share in the arb market today, built over 15 years of hard work,"

said Poggi. "The business has grown from one distribution facility in Methuen to today where we have a network of 17 dealers with 44 locations. Thus, our ability to service, stock and support customers across the country is stronger than most of our competitors. And, we are actively building out the network further because we only have about half the country covered. We want 100 percent coverage with local dealerships within four to six hours' drive from any customer. To me that is the ideal service radius required to service and fully support the lifts."

"In addition to our dealer footprint, we support a network of about 300 different service companies, all trained and certified by us with the know-how to work on our equipment, so if there isn't a local dealer available we the ability to service customers anywhere in NA."

EXPANDING RANGE

CMC now has four ranges of spider lifts - the Arbor Pro, the rental orientated L Series and F Series, and the insulated spider lifts, including the new 90i being recently launched at the Utility Expo show.

"Our new insulated 90ft CMC 90i lift is all about working around power," said Poggi. "It was very



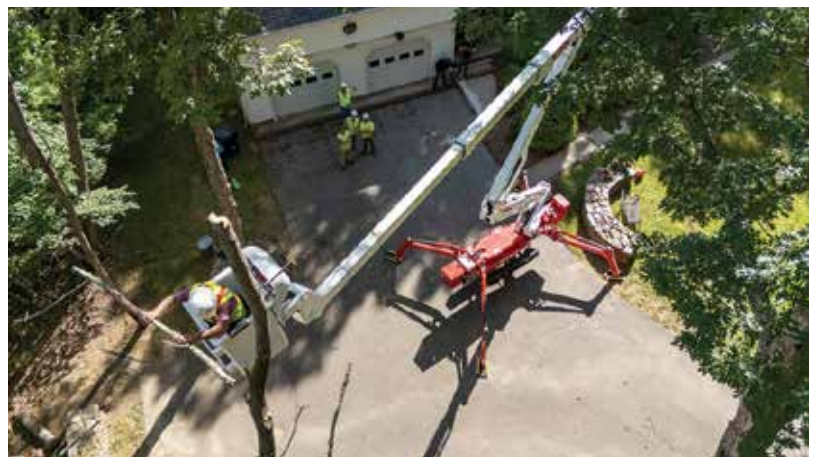
CMC Tracked Lift Truck Mount

well received and we booked a number of orders at the show."

CMC in Italy introduced the insulated boom 45kV 75i (75ft working height) spider lift globally about two and a half years ago and CMC North America has been the dominant seller. They have been very well accepted and are gaining significant traction.

"The insulated lifts are our fastest growing segment of the business because they are a new tool for utility and vegetation management companies working in and around power lines."

"We have seen good growth in that sector and will sell twice as many this year as last. Next year, we will double the insulated sales again because we now have two models to choose from - the 75i and the new 90i that has been just launched. The prototype 90i is in North America and is in the middle of a 16 city tour so all of our dealers, and many customers, will get to see it over a four month period. We have already sold out the first production batch and are taking





CMC 100 HD
Arbor Pro



The insulated CMC 123 on
a Tracked Lift Truck Mount

orders into Q1 next year. At Utility Expo we closed four sales in the first two days of the show."

"The 75i has 35ft outreach, and the 90i has 45ft of horizontal reach giving a massive work envelope. They are also lightweight - the 75i is 8,664lbs, the new 90i is just over 10,300lbs. The 75i has been configured in the US to be put on the CMC Tracked Lift Truck Mounts - an Isuzu 176in wheelbase flatbed truck weighing less than the CDL weight limits - ie 26,000lbs total gross vehicle weight," he said. "In the US that is a really important because a special drivers' licence is required to drive vehicles above 26,000lbs and there are not enough CDL drivers available to move equipment. We will sell a significant number of these trucks with the lifts this year because it is a safe way to transport the lift to site without using a trailer, reducing the safety risk and problems they can cause. The spider lift is self loading - when raised on its legs the truck can be driven underneath. The lift then lowers itself and after tying down is ready to go. This is a nice value option - the price of the truck and lift is less than the price of most bucket trucks - and it offers a lot more flexibility."

NEW VEGETATION MARKET

"The two insulated lifts have opened up a whole new market - utility and vegetation management - with companies working around high power lines that need insulated machines. Yes, they do cut trees and take care of vegetation but it is for a different purpose."

"The arb sector in the US is very much the "Joe's Tree Care" type of company - one crew, three to four guys, a truck, a chipper and you have a business doing residential work. There are thousands of these companies around the country. Then there are the larger regional players such as Bartlett Tree Experts but the majority are small 'mom and pop' shops."

"We have built our business around serving these little companies really well. But as we move into

the utility and vegetation management sector with the insulated lifts, we are dealing with a whole new clientele, working with companies such as Wright Tree Service, Asplundh Tree Expert, Bartlett and Xylem Tree Experts and other larger, multi state regional or even national players with hundreds and hundreds of crews in the field and thousands of machines. This requires a different sales and service approach and our business is growing up to become more capable to support these key accounts who operate across multiple state lines and geographic territories. This is exciting because it opens up a whole new market of business."

TREE EQUIPMENT DISTRIBUTORS

CMC in New England is also a distributor for Carlton tree equipment which produces chippers, shredders and stump cutters.

"Our business operates with two different structures. In the New England area we work directly with the end users so are selling directly to the arborist community like a local dealer. Having Carlton in our mix gives us another tool to sell to the arborist and it helps them solve their equipment needs. This is it something that we are interested in expanding locally. It is also what we look for when we are appointing dealers outside of New England, dealers with complementary brands of products that feed into the arb space. Our existing dealers will often have Carlton, Bandit, Morbark, or Giant Loaders and the like, making them more valuable to the arborist."

NUMBER ONE?

"I think we are successful because of two main areas: the product and the support. The product is very compact, its overall weight is low and the vertical and horizontal reach is very good. We have a culmination of 15 years of experience in arb sector which has allowed us to refine the product over multiple innovation cycles. This is combined with a strong service and support



CMC 90i

model - in the US I have 24/7 technical support. We have five, amazing tech support guys who rotate to be on call through the night and weekend shifts. So, if anyone - in any time zone - ever has a problem you will always be able to talk to a person. This is unique in the industry. And, we have \$ millions of parts in stock in the US which is critical as sales sell the first unit and service sells the rest."

POPULAR SPIDER LIFTS

"Our two volume leaders are the 90HD+ Arbor Pro and 72HD+ Arbor Pro - they are our bread and butter machines followed by 100HD+ Arbor Pro. The most popular size for the general rental/housing market is 60ft but Arb would generally be larger. However smaller Arbor Pro's are popular down south where the trees aren't as tall such as Florida with its palm trees. We also have larger machines - 105ft and 135ft - but those have niche use cases and we don't sell many."

HOW BIG IS ARB

"Sales to the rental companies is big and one of the areas we are now looking at having had a few successes in the New England region. However more than 90 percent of sales are to the arb sector. Wherever there are arb guys we are there - for example we attend more than 60 arb related shows per year!"

"Having said that, the biggest request now is for insulated machines. That sector is growing particularly with the recent launch of the 90i and I wouldn't be surprised if we didn't have more insulated models soon." ■





THE NORTH AMERICAN CRANE INDUSTRY: LIFTING THROUGH CHANGE

The crane industry in North America has always been a barometer for the region's economic health. From infrastructure megaprojects to wind energy expansion and industrial growth, demand for lifting equipment mirrors broader shifts in construction, manufacturing and energy. Today, as we look ahead to 2026, the industry finds itself balancing strong opportunities with complex challenges.

MARKET DYNAMICS

The North American crane market is one of the most mature and diverse in the world, spanning everything from small carry deck cranes to some of the largest crawler cranes ever built. Demand continues to be fueled by:

- **Infrastructure spending:** U.S. federal investment through the Bipartisan Infrastructure Law, along with Canada's national infrastructure plan, is driving unprecedented demand for heavy lifting across bridges, highways, ports, and airports.
- **Energy diversification:** The surge in renewable energy projects - particularly onshore and offshore wind - has created opportunities for large lattice boom crawlers, while oil & gas expansion still supports demand in traditional energy hubs like Texas, Alberta, and the Gulf Coast.
- **Urban development:** Tower crane fleets remain heavily concentrated in North America's fastest growing cities, with skylines in Toronto, Miami, Dallas, and Seattle showcasing the strength of both residential and mixed-use construction.
- **Rental dominance:** The rental model continues to outpace ownership, as contractors demand flexibility to scale fleets for projects while reducing capex risk. Rental houses are investing in newer fleets with advanced safety features, greener technology, and better telematics.

OEMs are responding by introducing hybrid and electric cranes, investing in automation, and building smarter maintenance systems. This positions North America not only as a high demand market but also as a test bed for the industry's next generation of technology.

WORKFORCE PRESSURES & TALENT DEVELOPMENT

Perhaps the single greatest challenge facing the crane industry is workforce availability. With a

significant percentage of operators, mechanics and supervisors nearing retirement, the talent gap is widening.

- **Training bottlenecks:** While union halls, trade schools and OEM led programs are training new operators, the pace isn't keeping up with demand. Certification pathways often require years of experience, slowing entry into the field.
- **Generational shift:** Younger workers are interested in technology driven roles. Positioning cranes as high tech, high skill careers with exposure to telematics, VR training simulators, and automated systems can help attract new talent.
- **Diversity & inclusion:** Companies are recognising the importance of broadening their recruitment base, actively encouraging women, veterans, and underrepresented groups to join the lifting profession.

Organisations across North America are investing in apprenticeships, mentorship programs, and cross-generational leadership development. The goal is to ensure knowledge transfer from seasoned operators while empowering the next generation to drive innovation.

WOMEN IN THE CRANE INDUSTRY: A GROWING FORCE

One of the most promising shifts in recent years has been the increasing number of women entering the crane and lifting sector. Traditionally male dominated, the industry is beginning to see a steady rise in female operators, riggers, engineers, project managers and executives.

- **Representation is growing:** From job sites to boardrooms, more women are taking on leadership roles and technical positions, with unions, OEMs and training centres reporting record participation.
- **Role models & visibility:** Industry events and media coverage are helping to highlight female



By Meagan Wood,
Crane Hub
editor in chief



professionals, inspiring the next generation to see cranes and construction as an inclusive career path.

- **Recruitment initiatives:** Many organisations are actively encouraging women to pursue crane operations through scholarships, mentorship programmes, and targeted outreach campaigns.
- **Impact on culture:** Diversity is reshaping workplace culture, fostering stronger collaboration, broader perspectives, and more inclusive safety and training practices.

"The crane cab isn't just for men anymore, women are proving every day that skill, precision and leadership know no gender."

While challenges remain, including breaking stereotypes and ensuring equal access to opportunities, the growth of women in the lifting industry represents a vital step forward in meeting workforce demands and building a more inclusive future.

SPOTLIGHT: WOMEN LIFTING THE INDUSTRY

As the number of women in the crane and lifting sector continues to grow, several professionals are making waves and inspiring the next generation:

- **Morgan Bosh** - Certified crane operator & Training advocate

Breaking barriers on major infrastructure projects, Morgan Bosh, previously an operator with Mammoet and currently a mobile crane instructor with NAIT, is one of a growing number of women earning operator certification and running complex lifts with precision and safety.



With a focus on mentoring, she has championed initiatives that bring more women into training programs, offering pathways to certification and long-term careers in lifting.

• **Kate Lampson** - Industry executive

As a senior leader at Lampson International, Kate Lampson has become one of the most recognisable voices in the global crane industry. With decades of experience in marketing, communications and corporate strategy, she is helping guide Lampson's legacy as an international leader in heavy lift and transport. Kate is not only championing innovation in crane design and fleet development but also advocating for a more inclusive and diverse workforce that reflects the industry's future. Through her leadership, she continues to build bridges between generations, ensuring that both tradition and progress remain at the core of the lifting profession.



Kate Lampson

• **Jennifer Gable** - Business owner & Workforce advocate

As the owner of JK Crane, Jennifer Gable has built her reputation as both a successful entrepreneur and a passionate advocate for people in the lifting industry. Beyond leading her company's operations, she has become a champion for mental health awareness and workforce development, two of the most pressing issues facing cranes and construction today. Jennifer is an advocate for breaking the stigma around mental health, pushing for programs that support operators and crews in high-pressure environments. At the same time, she is driving initiatives to recruit, train and retain the next generation of crane professionals, ensuring that the industry continues to thrive. Her leadership blends business acumen with compassion, proving that strong companies are built by taking care of their people.



Jennifer Gable

"Representation matters. When women see themselves in the cab, in the office, and in leadership, the industry becomes stronger for everyone."

MENTAL HEALTH & INDUSTRY WELLBEING

A critical but often overlooked issue in the crane and construction industry is mental health. Long hours, high-pressure job sites, and the physical risks of heavy lifting create stress that can take a toll on operators and crews.

- **Awareness is growing:** More companies are beginning to normalise conversations around mental health, providing access to counselling, wellness programs, and peer support initiatives.
- **Reducing stigma:** Industry leaders are speaking openly about the need to support mental health just as much as physical safety, ensuring that asking for help is seen as strength, not weakness.
- **Safety connection:** Studies show that fatigue,



stress, and burnout directly impact jobsite safety. Supporting mental health is not only a duty of care but also a measurable way to reduce accidents and improve productivity.

"Supporting mental health is just as vital as maintaining equipment, both keep the jobsite safe and productive."

SAFETY & REGULATION

Safety has long been the defining characteristic of North America's crane culture. Regulatory oversight remains rigorous:

- OSHA in the United States sets strict standards for crane operation, inspection, and operator certification. These rules continue to evolve, particularly around new technologies such as self-erecting tower cranes and autonomous systems.
- Provincial regulations in Canada similarly enforce rigorous safety checks, with additional emphasis on cold weather operations, lifting near utilities, and urban density challenges.
- Certification pathways such as NCCCO (U.S.) and Red Seal (Canada) remain gold standards, but companies are also embracing supplementary training to ensure operators are comfortable with advanced telematics, remote controls, and automated assist features.

A growing emphasis is being placed on proactive safety systems:

- Realtime load monitoring
- Collision avoidance sensors
- Remote diagnostics
- Fleet wide data integration for compliance audits

By embedding safety into every stage - training, planning, and operation - the North American industry is setting benchmarks that influence crane operations worldwide.

INNOVATION ON THE RISE

Innovation is not just a buzzword it's rapidly reshaping the North American lifting industry.

- **Electrification & Hybrid cranes:** OEMs are introducing electric Rough Terrain cranes and hybrid All Terrains, responding to stricter emissions regulations and customer demand for greener fleets.
- **Digital transformation:** Advanced telematics now track utilisation, fuel efficiency and predictive maintenance. Rental companies are leveraging this data to reduce downtime and increase ROI.
- **Autonomous & semi-autonomous systems:**



While still in early adoption, self-levelling outriggers, automated boom positioning, and remote controlled crawler cranes are making jobs safer and more precise.

- **3D Lift Planning:** BIM (Building Information Modeling) integration and virtual simulation tools allow contractors to map complex lifts digitally before ever stepping on site, reducing risk and boosting efficiency.
- **Marketplace Evolution:** Digital platforms are modernising how cranes and lifting equipment are bought, sold and rented, offering global reach and transparency to what was once a highly localised business.

"Innovation is the bridge between generations helping attract new talent while driving measurable gains in safety and efficiency."

GLOBAL CONNECTIONS

While the North American crane sector remains strong domestically, its reach is global. Many U.S. and Canadian companies are supplying cranes, parts and expertise abroad, particularly into South America and Africa. This outward growth highlights the region's role not only as a consumer of lifting technology but also as an exporter of experience and innovation.

LOOKING AHEAD

The North American crane industry stands at a crossroads. With \$billions in infrastructure projects, growing interest in renewable energy, and rapid technological advancements, the potential for growth is undeniable. Yet the success of this momentum hinges on the industry's ability to attract and retain talent, support workforce wellbeing, embrace innovation, and maintain the highest safety standards.

At its core, the North American crane industry has always been about resilience lifting heavy loads, building stronger communities, and adapting to every new challenge. That spirit will define its future. ■

Quick Facts: North American crane market

- **Top Demand Segments:** Infrastructure, wind energy, urban development
- **Dominant Business Model:** Rentals account for around 70 percent of market activity
- **Hotspots:** Texas, Gulf Coast, Toronto, Miami, Dallas, Seattle
- **Emerging Trends:** Electrification, telematics, digital marketplaces

After the show, with you

Vertikal Days 2025

Green Lift



XG1823ERT



Lift capacity: 700kg
Max. working height: 18.1m
Battery: 48V/480Ah
Flooded lead acid



XG0807ACW



Lift capacity: 230kg
Max. working height: 7.8m
Battery: 24V/200Ah
Maintenance-free lead acid/
25.76V/150Ah Lithium battery



XGA12ACK



Lift capacity: 230 kg
Max. working height: 11.56m
Max. working range: 6.87m
Battery: 48V/400Ah



XG1412AC



Lift capacity: 320kg
Max. working height: 13.8/9m
Battery: 24V/200Ah
Maintenance-free lead acid/
25.76V/202Ah Lithium battery

ACCESS WITH ZOOMLION GREEN



Maintenance-Free AC Motor



High-Efficiency PMSM



Compact for Tight Spaces



Zero-Noise Operation



Floor-Friendly Tires



All Models CE Certified

ZMP06G

Work Height: 8m
Overall Height: 1.99m
Overall Width: 0.8m
Gross Weight: 980kg

ZMP06

Work Height: 7.91m
Overall Height: 1.99m
Gross Weight: 1085kg

ZMP09I

Work Height: 11.2m
Horizontal Outreach: 3.23m
Overall Height: 1.99m

ZMP04

Work Height: 5.82m
Overall Height: 1.72m
Gross Weight: 900kg

ZMP08I

Work Height: 10m
Horizontal Outreach: 3m
Overall Height: 1.99m

ZMP05

Work Height: 6.9m
Overall Height: 1.98m
Gross Weight: 960kg

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VERTIKAL DAYS 2025 - BIGGER THAN EVER!

This year's Vertikal Days - the 18th edition - was the largest so far. Returning to Newark Showground in Nottinghamshire on September 10th and 11th it featured a slightly rejigged layout to accommodate the growing number of exhibitors and brands represented at the show. In total 30 new exhibitors and more than 300 manufacturers were represented, making it the largest dedicated event for lifting equipment and work at height products in Europe this year.



The general vibe amongst visitors and exhibitors this year was good with Newark Showground's 126 acre site transformed into a bustling hub of activity. Over the years the show has grown substantially - the inaugural show at Haydock Park in 2007 was a tiny and much more modest event in comparison. However, over the past two decades the exhibition has matured and grown having visited numerous sites including Silverstone's F1 Circuit, Donnington Park and the Peterborough Show Ground. Vertikal Days 2026 will again return to Newark Showground on the 9th and 10th September so put the date in your diaries! Booking is now open with early bird discounts available.

The overall comments from exhibitors and visitors alike indicated this year's show was a success with a good turnout coupled with a decent mix of new machinery launches. Unfortunately, the weather was again unkind with the occasional torrential downpour on both days - but that did not dampen the show's upbeat atmosphere.

SHOW HIGHLIGHTS

As usual, most manufacturers had their latest products on display, many making their UK, European or even global debuts which are highlighted below. However, being a Bauma year many of the 'new' launches had been seen in mainland Europe or further afield, but there were numerous UK launches and even a few world firsts.

A NEW EUROPEAN FRANNA

Star of the Crowland Cranes stand and possibly star of the show was the Australian built 22 tonne Terex Franna AT22-2 articulated pick & carry crane with a 17.9 metre boom. It is the first European new product launch from Franna in more than 30 years! The new crane meets all European standards and regulations and even found a buyer at the show... Roadcraft Crane & Plant Hire based in Bootle, Liverpool. Hoeflon UK - part of the Crowland group - also had a good show selling several cranes - one to a totally new customer.



Franna cabin

Franna 8022-2



HAULOTTE UNVEILS RT SCISSORS

Haulotte unveiled two additions to its Pulseo all electric aerial work platforms - the HS21 E and the HS21 E Pro - both 63ft Rough Terrain scissor lifts. The new units have a maximum working height of 21 metres with a maximum platform capacity of



The new HS21 E Pro

VERTIKAL DAYS

750kg or four people with its platform extendable to 7.5 metres. Haulotte says the lifespan of the lithium battery pack is 10 years with the machine aimed at both indoor and outdoor applications. Also on show were the new 61ft HA20 E and HA20 E Pro articulated booms lifts which were announced in August.

NEW NAVIGATOR'S

New aerial work platform manufacturer Navigator Lifts exhibiting for the first time showed two new manually powered push around mast type lifts - the 8.6ft Explora and 5.4ft Scout - with working heights of 4.6 and 3.65 metres respectively. The new machines use a ratchet type wind up elevation system and join the revamped Navigator 6 and Navigator 4.5 models, previously produced by Metal & Modular. The stand was busy throughout the show!



ALDERCOTE'S GLOBAL LAUNCH

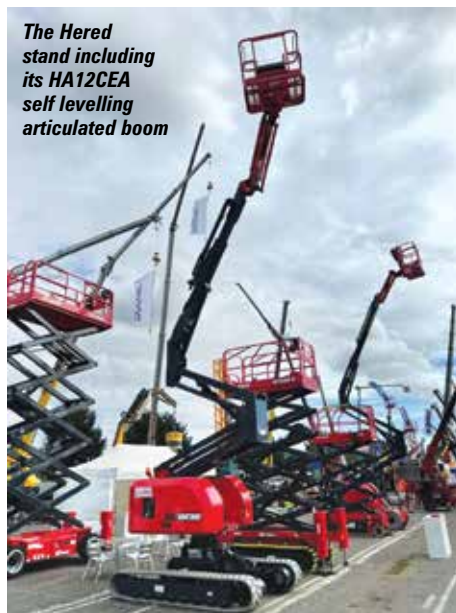
UK van and 4x4 mounted aerial lift manufacturer Aldercote launched two brand new products - the VZ140 Neo van mounted lift and the CZ160 pickup mounted lift. The VZ140 Neo is 100kg lighter and boasts an extra 40cm of reach compared to its VZ 135 and when paired with Aldercote's 'jack-less' transit conversion has more than 750kg of spare payload. The electric 16.2 metre working height CZ160 has 8.1 metres of outreach and 250kg capacity with a total Gross Vehicle Weight of just over three tonnes.



HERED BOOMS AND SCISSORS

One of the first time exhibitors was Chinese aerial work platform manufacturer Hered had several new models on show including the new 42ft HA12CEA electric articulated boom lift, with a 14.6 metre working height, 200kg platform capacity and 6.82 metres of outreach at an up

& over height of 6.79 metres. Overall weight is 5,250kg, stowed length 5.9 metres, overall width 1.92 metres and 2.23 metre stowed height.



GENIE'S CURVED ARMS

Genie hosted its own stand this year - rather than going through its UK dealer Workplatform - and displayed its new Next Generation GS-1932 scissor lift with its unusual, curved scissor arms. The company claims that the new models have a lower Total Cost of Ownership and 34 percent fewer serviceable parts. Also new were the safety related Lift Guard accessories including 'Zone Lighting' to illuminate around its GS scissors and 'Lanyard Alert' which warns that a harness lanyard has not been attached.



XCMG CRANE DEBUT

XCMG unveiled its new 60 tonne XCA60_EV hybrid All Terrain. The new crane combines a



Mercedes diesel with a 170kW electric motor, which according to the company, reduces fuel consumption by around 40 percent compared to the pure diesel model. It also features XCMG's XEC electronic control technology to maximise battery efficiency and includes fast charging capabilities.

SMARTLIFT

The Smartlift SLX 2000 glass handler made its debut on the stand of its UK distributor, CPS Lift. The SLX 2000 has a lift capacity of 1,000kg, lift height of 5.25 metres and 2.25 metres of forward reach. Power is provided by two 1,500W front wheel motors with about 10 hours run time and an eight hour charge time. Overall weight is 1,900kg.



LIFTING PROJECTS UK

Italian built CLP Model T521-1260 hydraulic gantry system made its UK debut on the Lifting Projects UK stand. The unit has a maximum capacity of up 500 tonnes and an overall lift height of 12.7 metres.



JEKKO

Jekko UK introduced two new products to the UK - the TRX32 truck mounted version of the popular Jekko SPX532 spider crane and the upgraded SPX532.2 spider crane. Seen at Bauma earlier

PULSEO
GENERATION

EXPERIENCE NEW HEIGHTS

HS21 E & E PRO ELECTRIC ROUGH TERRAIN SCISSOR LIFT

- Working height: **21,2 m**
- Load capacity: 4 people **750 kg**
- **4-wheel** steering
- Driveable at **full height**
- **72V** Lithium-ion batteries





Jekko TRX32



Jekko SPX532.2

this year, the diminutive truck mounted TRX32 has a Gross Vehicle Weight of 3.5 tonnes, a maximum capacity of 3.2 tonnes and a maximum tip height of 17.5 metres. The unit is just under five metres long, with an overall width of 1.86 metres and is 2.27 metres high. Power comes from a Bi-energy - diesel/electric - power pack.

The new SPX 532.2 - which was also shown at Bauma - is an update of the SPX 532 and although visually very similar to its predecessor it features a slightly lighter boom, Autec remote controls and sturdier outrigger legs with nine rather than five fixed positions.

MANITOWOC/GROVE/POTAIN

Manitowoc showed two new Grove All Terrains - the 150 tonne GMK5150XLe plug-in hybrid and compact 50 tonne GMK3050-3. The Plug-in Hybrid system allows the crane to work emission free while maintaining the full flexibility of a traditional diesel powered crane. The crane's battery pack can also be charged while driving allowing the batteries to be 'topped up' between jobs.

The GMK3050-3 features a five section 40 metre Twin-Lock hydraulic pinned main boom and an



Grove GMK5150XLe



Grove GMK3050-3

eight metre swingaway jib. Other products on the stand included the BCS Crane camera and Certex wire ropes - both of which have agreements with Potain tower cranes.

LIEBHERR

Three new Liebherr cranes made their UK debut - the 130 tonne LRT 1130-2.1 Rough Terrain - the first two axle RT crane with a 60 metre main boom - the 150 tonne electric powered LTM 1150-5.4 E All Terrain and the MK 120-5.1 E mobile self-erecting tower crane. Also on the stand were the latest versions of several other AT cranes ranging from 40 to 450 tonnes.



Liebherr stand



Ainscough's liveried Liebherr AT

TADANO - VALLA, PM, OIL&STEEL

This year the Tadano stand was one of the most diverse, reflecting the company's expanded product offering following its recent acquisitions which included PM articulated loader cranes, Oil&Steel access equipment and Valla pick & carry cranes. On the stand was the Tadano GR-1000EX-4 Rough Terrain crane - purchased by Crowland Cranes - a Valla V46R pick & carry crane, an Oil&Steel Octopus 17 spider lift, an AS-20MC crawler telescopic boom lift and a PM 45 articulated loader crane mounted on a Volvo 6x2 Tractor Unit.



Tadano AS-20 tracked lift and 100 tonne GR1000EX-4 RT crane sold to Crowlands Cranes



Tadano stand with Lloyd Gee-Nyland and John Miller

PALFINGER PLATFORMS

Making its UK debut was the 25 metre PT 25 TJ truck mounted lift from Palfinger Platforms with an improved 18.7 metres of outreach and 300kg platform capacity with the option to install a battery pack to create a hybrid model. Various chassis options are available from 3.5 to 10.5 tonnes. Palfinger Platforms is in the process of switching its UK distributor from UK Klubb subsidiary CPL to Access Platform Sales (APS) which should be up and running at the start of next year.



Palfinger PT 25 TJ

SANY

Sany's new crane and telehandler subsidiary Sany UK showed several new telehandlers from a range which has lift heights from seven to 18 metres. The debutants included the 7m/4,200kg STH742, the 9m/3,600kg STH936, the 14 metre STH1440 and 18 metre STH1840. Also on the stand was a 60 tonne, three axle SAC600E All Terrain crane with a six section, 50 metre main boom. The crane marque is gaining traction in the UK with several sales of the 60 tonner and the recent sale of its 250 tonner.



Sany SAC600E - 60 tonne AT



Sany telehandlers

LIUGONG

The LiuGong stand featured several new products including the LM09JE mast boom making its European debut. Features include 'proper pothole protection' and improved ground clearance. The unit has a working height of 11.2 metres, three metres outreach and 200kg platform capacity. Also on show were a couple of slab electric scissor lifts - the 19ft LS0608E with a 7.8 metre



LiuGong LM09JE

working height and the 26ft LS0808E. The company says it sold four of its new LS0610EC tracked scissors from the stand. Finally, the new 16 metre, battery powered, double deck LS1623ERT Rough Terrain scissor created an impression alongside the smaller LS1012E which at 2,500kg claims is 300kg or so lighter than many competitors. All machines were in LiuGong's new colours with steps and lanyard points highlighted in orange.

MAC'S TRUCK SALES

UK based specialist truck supplier Mac's Truck Sales showed its beavertail beds designed for aerial lift deliveries and a loader crane chassis.



Part of the Mac's Trucks stand



New product launches included the global launch of the DAG XG 530 and Fassi F905 articulated loader crane. The build features new storage boxes - designed, laser cut and fabricated in-house - with internal draws rated to 150kg.

JCB A60E AND A60EH

JCB showed its new 60ft articulated boom lift - the A60E and A60EH - available with all electric



JCB A60E articulated boom

or hybrid powertrains. The new lifts offer a 20.2 metre maximum working height and up to 11.9 metres of outreach with the 300kg unrestricted platform capacity with an up & over clearance height of just under eight metres. Maximum capacity is 454kg. Standard features include non-marking tyres, secondary guarding, a seven inch base display screen, power to the platform and JCB LiveLink.

The A60E is powered by an AGM battery pack, while the A60EH adds a Kohler diesel, both have regenerative braking adding power back into the battery pack.

GSR

GSR UK showed its new 3.5 tonne van mounted B140TJV with a working height of 13.77 metres, and maximum platform capacity of 230kg, Maximum outreach is 8.85 metres with 120kg platform capacity.



GSR B140TJV

IMER

Imer says it has been concentrating on its spider lifts for the past five years and showed two new models - the 18 metre IM R 18 SA Pro and the 20 metre IM R 20 DA. The smaller model has new software and features including a home function.



Imer 18m and 23m spider lifts finding arb customers

The larger unit now has a wireless controller as standard, an emergency lowering pump rather than manual and a new improved colour screen with better fault diagnosis. Its 23 metre spider weighs 3,000kg allowing it to be towed by a pickup or 4x4. A 30 metre spider is currently being developed.

EQSS

First time exhibitor Australian aerial lift safety system supplier EQSS (Equipment Safety



EQSS Overwatch

Systems) demonstrated its OverWatch anti entrapment/secondary guarding system, based on a Lidar sensor (Light Detection and Ranging or Laser Imaging, Detection, and Ranging). The system analyses the operator's position and movement in relation to the motion of the scissor lift. It can then determine when an operator has moved abruptly or is in a dangerous position, immediately stopping the machine. The company also produces load monitoring devices for telehandlers.

NMT TAKES SPIERINGS

Many machines were purchased at Vertikal Days - some planned or anticipated while a good few were totally unexpected. UK rental company NMT Crane Hire's six axle Spierings SK1265-AT6 eLift self-erecting mobile tower crane was more than planned and was collected from the show.



(L-R) Koos Spierings, Ruth Ambridge & JD Ambridge of NMT with Tim Leech of Spierings



Leguan 225 on its designated trailer



Falcon Cranes stand

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Bravi stand



DLH Cranes stand



Alfa's new PT650 transport platform



Maeda CC985 Stage V mini crawler crane



Niftylift booms in their new colours



The Marketplace



a busy main aisle



Multitel MJE250 truck mounted lift



Old Clansman crane from Foster Cranes



Versalift VTA135



Fronteq scissors and booms



Hered HA12CEA self levelling undercarriage



The Safelift MA50H in the Marketplace



Teupen spiders on the Alfa Access



End of the runway from Alfa Access stand



The Hird stand





JLG Power Towers



A busy City Lifting stand



Adrian Fekete of EuropeLift with one of its trailer lifts



JCB 558.260R rotating telehandler



LGMG equipment



Axolift stand



Bronto Skylift S104 HLA 104 metre truck mounted platform outside the entrance marquee



Bocker stand



Almac tracked carrier with crane jib



A 10 tonne JMG pick & carry crane on the GGR stand



Andover Trailers



CTE ZED23J truck mount



A Valla pick & carry crane and Winlet glass handler on the Hird stand



Almac stand with Torquer in background



Rico Europe in the Marketplace



The CMC S23 spider lift



Lunchtime in the catering pavillion



Raptor 21S spider lift

Noblelift scissor lifts



Magni showed its new FL3,0 RT forklift



Promax Access stand



Sinoboom RT scissor



Snorkel stand



Skyjack SJ470 E



The Franna 8022-2

The Marketplace starting to get busy



Platform Basket's 54 metre Spider 54T - the biggest spider lift at the show



Hoist FR series industrial forklift on the FTUK stand



The Geda scaffold tube and board carrier



XCMG1812RT scissor



Stross hoist sold to London Tower Cranes



Part of the LiuGong stand

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Oil&Steel (Tadano) Octopus spider lift on the Hird stand



Part of the Kranlyft stand



Unic URW546



The International Platforms' team



Sany STC625e electric telehandler



SAEclimber mastclimber



Kobelco CKE900 sold to Delden



The B Flats Ukelele band provided the lunchtime entertainment



CTE Pianoplan being demonstrated



Navigator Lifts new Scout



On the Lift Projects UK stand



Rüdiger Kopf from Vertikal Press Germany



APS stand



The start of the Mexican evening



Armorium power pack



Zoomlion stand



Wolffkran stand with the refurbished 100B

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SAME RED BUT NOW GREEN

By reusing or repurposing existing products there are massive savings in raw materials and energy, avoiding huge amounts of CO2 emissions when compared with manufacturing a new item.

This applies to every product - be it an item of clothing, a household electrical item and even a crane. At Vertikal Days, German tower crane manufacturer Wolffkran showed a fully refurbished 'as new' 29 year old 100B luffing jib tower crane which attracted a great deal of interest. We talk to Dave Holder, Wolffkran UK managing director and Niall Conroy, Wolffkran sustainability manager about the project and the potential for refurbished cranes as an alternative to new products.

At Vertikal Days Wolffkran tried something different...showing a refurbished 29 year old 100B luffing jib tower crane that is set to be added to the Wolffkran rental fleet.

"We wanted to show the industry that a fully refurbished, 'like new' crane is as safe and could perform as well as a new crane," said Holder. "And I think we succeeded."

To date Wolffkran has carried out four tower crane refurbishments including the 100B - the previous three driven by customers with various reasons for the refurbishment.

"The first was to a customer requiring a large capacity crane but couldn't wait the 30 week lead time. We had an older unit in the rental fleet which we refurbished in just 12 weeks. As well as supplying the crane quickly there was also a big saving compared to the price of a new crane. The crane is currently on rental to the customer who will probably purchase it early next year - a sort of try before you buy arrangement."

"Another was to a shipyard in Utrecht, Holland, that purchased two cranes in 2009 and wanted to replace the smaller with exactly the same unit. The model was no longer made and the replacements were either slightly under capacity or too big for the loadings, the requirements

were very specific as it had to be on a five metre travelling portal. All the engineering had already been done at considerable cost in 2009 and the customer ideally needed exactly the same crane. So we sourced the last similar crane ever made and completely refurbished it. He as completely over the moon with it and that is then we realised that there was some mileage in refurbishing cranes, it benefits everyone."

"As a company we had talked about the sustainability of refurbishment. After completing four refurbishments we are convinced that over the next few years it will become an integral part of our product offering. And because there are so many new parts used in the refurb and a complete repaint, it is very difficult to tell whether you are looking at a new or old crane."

THE 100B REFRUBISHMENT

The 100B at Vertikal Days was manufactured in 1996 but parts were still available off the shelf. Wolffkran supports all models for at least 11 years from the last day of the last model produced.

"First our Engineering department tested the welds on the structure of the 100B and only about two items were all that needed attention on the whole crane," he said. "I honestly thought we were going to have to rebore all the holes - but



only about 50 percent of the key connection parts had to be done - if they haven't worn out in 29 years it is probably not going to wear out in the next 10 to 15 years."

"We also put in two new 'old stock from 2007' winches and the originals will go back to the original manufacturer for refurbishment and be available for future rebuilds," said Holder. "We also carry out oil analysis as standard and can see the wear in the gearbox and any metals present



in the oil. We are waiting for the report on the winches - winches and gearboxes are a bit of an unknown as they are sealed units and have to be taken apart in controlled conditions. When the report comes back we can assess if we can use them on the next refurb."

"The inverters installed were brand new current units. By Q2 of next year we will have our new PLC version - Version 16 - and that will be used in all future refurbs. V16 gives a 3D colour screen, and interaction features such as turning the power down etc. This will allow all the modern features of a brand new crane to be available on the older refurbished models. The 100B is a bit of a stop gap as it doesn't have this latest version."

"Everything that is currently frequency driven is easy to refurbish as we can exchange the drive systems for more modern drives. If we get a request to refurb an older crane we would have to upgrade it to frequency drives as it is difficult to get the parts and the power usage of an old contactor driven crane is horrendous compared to those you can get today."

GOOD FOR THE ENVIRONMENT

"Several manufacturers have brochures showing what they can do, but we decided to take the crane to Vertikal Days so that people could have a close look at it 'in the metal' and the feedback was very good."

"In terms of the environment, the best thing we can do is extend the lifetime of the machines that we already have," said Conroy. "If the steel structure is still good and it is performing well - ie safety credentials and downtime are within acceptable parameters - then why not continue using it? The amount of emissions and wasted materials consumed in manufacturing new products is enormous, if we can use what

we have for longer then we will be really moving forward as an industry and start to bring in the concepts of circular economy and maximising lifetime. We just need to challenge some of the attitudes that exist, particularly some of the main contractors."

"It helps to start with a good, high quality product that has longevity designed and built into it," said Holder. "We know our tower crane products and with the Wolffkran history going back to 1913, we have the design history and experience."

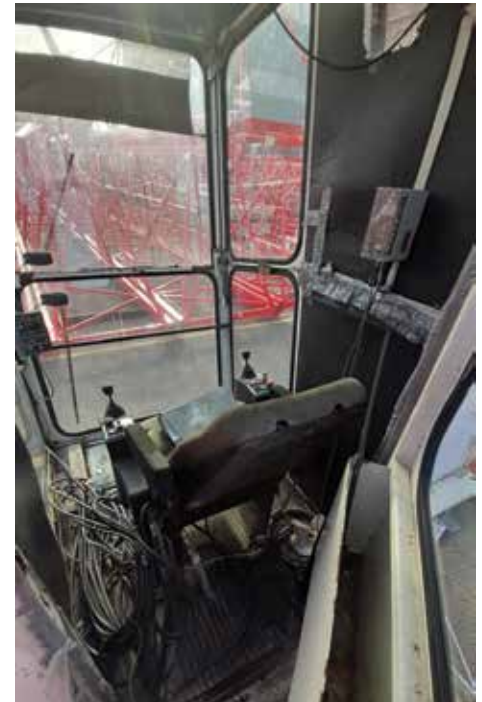
After being shown at Vertikal Days the crane is going into Wolffkran's rental fleet - the first of many key cranes that will be refurbished for the fleet.

WIN WIN SITUATION

"There is still a rental market for smaller capacity cranes, but it is saturated with cheaper models that have entered the market in the past 20 years," said Holder. "I did think that the quality of these products would have meant that they would be out of the market a while ago but they are still active. It is very difficult to compete in that market with a brand new €300,000 tower crane when your rates are down to £800 per week - it doesn't stack up financially. The refurbished crane is about 30 percent of the cost of a new crane so it is a win win situation - I can't see any disadvantage in terms of sustainability, environmental impact and commercial viability - it works for us as the margins are about the same for a new or refurbished crane."

ISSUES WITH MAIN CONTRACTORS AGE POLICIES

However all is not plain sailing. Wolffkran says it is having issues with some main contractors because of maximum equipment age policies - some less than 10 years old.



"When I ask why they don't allow equipment over a certain age they generally do not have a logical reason," said Holder. "They think that because it is over 10 years old it is not any good any more. We have done studies on availability data and they show that if properly maintained, availability does not diminish with age. You may get a few more cosmetic issues and possibly electronic problems because wiring goes brittle and casings break off. It often depends on the climate - cranes that have operated in hot environments are more difficult to refurbish. All the work we carry out during the refurbishment is traceable and documented."

"I ask why have you got an age policy? Are you frightened that it might fall over or concerned about the availability or reliability? However you never get a specific answer, there is just a 'policy' often copied, that has to be complied with and negates trying to have an open discussion about the concerns."

"Tower cranes are a bit like aeroplanes - they don't go wrong very often but when they do everyone knows about it. We do not want an incident so everyone is working as safely as possible and if I can address the concerns - the steel structure, spare parts, availability etc - I can answer each directly."





"We have had some success with several major contractors when they saw the extensive documentation for each crane. We are not trying to hide its age or sell it as a new crane. Each refurbished machine has its original birth certificate/date of manufacture as well as a second refurbishment date together with all the documentation of the work that has been carried out including photographs and all parts and part numbers as well as a new serial specific manual which reflects the work that has been done - not an original build manual."

"If you can supply the crane with all the documentation and details of the refurbishment then most are happy to have it on the jobsite. This was the whole point of going to Vertikal Days - we needed to establish the concept and have it accepted. There are still a few main contractors we need to talk to - interestingly one has a 10 year policy but has older Wolff cranes in its own fleet... the oldest being more than 30 years old!"

30 PERCENT OF NEW COST

"At 29 years old the 100B has a book value of zero. It works for us all - the customer is over the moon as he has a 'brand new' crane, we have a sufficient margin, the factory has more refurb work and Niall is happy as we are not throwing away old equipment."

REFURB PROCESS

Wolffkran refurbishments are carried out in Wolffkran's Lucklau factory in Germany where new cranes are also manufactured. Initially all the component parts are removed from the steel structure then sand blast down to bare metal. NDT testing is then carried out and the parts repaired as necessary. It is then repainted and assembled with new parts.

"The advantage is that the R&D costs have been included when the crane was first new. These can be significant and as much as €2 million for a new model. Some of the bigger cranes may only sell 10-12 units throughout their lifetime so as a

proportion of the total cost it is significant. The 100B sold over 50 units but in its second life this is already paid for."

COMPETING WITH CHEAPER CRANES

"Our new products are high quality and can be seen as expensive, we suffer in the market because we are not competitive in certain sectors. However we are trying to broaden our customer base particularly in the smaller capacity sector. There is intense price pressure on 140/200 tonne metre tower cranes - the most lucrative market in terms of units sold - but we are not competing because we are seen as too expensive."

"Our tower system is built around a flexible system. We have a rental fleet of about 800 units around Europe and I can get any combination of components to achieve the result. However if you are a customer requiring the same crane to do the same job - ie in Czech Republic a four apartment footprint, four storeys high requires a tower crane with a 36 metre tower with 45 metre jib. That is the market we are not in. However we are looking at a bespoke tower and cross frame system where it will get to 40 metres and sit on a 4.5 metre cross frame. There isn't the same degree of flexibility but it takes out a considerable percentage of the cost. This will hopefully be launched by the next Bauma at the latest."

"By refurbishing the cranes, it gives Wolffkran another means to compete with the cheaper cranes entering the market without lowering quality and providing customers with the same quality they expect from a Wolff crane," said Conroy. "What worries me about some of the cheaper cranes entering the market is that they are pandering to this five or eight year age policy which creates a disposable market for tower cranes. Tower cranes should never be disposable - something that takes that amount of investment in materials and energy should always be refurbished and reused. From 2024 stats, the

energy used solely in manufacturing a new crane is about 120 tonnes of CO2 which doesn't take into account the impact of the materials etc. The best case scenario for refurbishing a crane is less than 10 tonnes of CO2 - a saving of up to 92 percent over manufacturing a new crane."

WHATS NEXT?

Wolffkran currently has three cranes being refurbished. However it says it needs to concentrate on the larger capacity models as the margins are obviously greater and current demand is for larger cranes.

"We are looking at buying some larger cranes built in 2007 and 2008 from a customer and because of the demand for this size of crane that would work," said Holder. "The crane we refurbished for a German customer would have been €1 million to purchase new, however the package we did for them was €400,000!"

Each refurbishment is carried out on an individual basis, only changing items that need replacing or the customer can taper the level of refurbishment to the budget.

HOW SUCCESSFUL CAN REFURBISHMENT BE?

"We have to run the refurbishment programme alongside our new sales. For the rental fleet it works for us particularly the larger models as we know the full history of all the cranes. If the tower crane market is busy and rates go up, then customers buy new cranes. Unfortunately at the moment it is very flat in many countries and it is too cheap to rent so new sales are impacted. We are still producing 40-50 cranes a year purely for our 800 strong rental fleet whereas other manufacturers have cut production."

Refurbishment is a new concept that needs to be accepted by customers because it ticks all the boxes - reduced costs and reduced environmental impact. ■

GUIDANCE ON WORK PLATFORM RECOVERY AND RESCUE

A new safety document from IPAF entitled 'The Principles of MEWP Recovery and Rescue' outlines the best practices for developing, implementing and rehearsing machine specific and site specific rescue plans from aerial work platforms.

The document includes formal recovery and rescue planning, approved rescue methods - including platform to platform transfers - familiarisation, scenario-based risk assessments and mitigation, and a strong focus on rehearsals and practical drills. Operators, supervisors, maintenance teams and rescue personnel must be trained both in theory and actual working environments.



'BACK TO BASICS' SAFETY CAMPAIGN

IPAF also participated in the Construction Industry Federation's 'Back to Basics' safety campaign which ran across Ireland for two weeks at the end of October.

The company conducted site visits and safety talks with contractors during the campaign, with topics covered including ground conditions, machine selection, pre-use inspections, operator and spotter familiarisation, safe operation, supervision and rescue plans.

IPAF Irish country manager Damien O'Connor said: "Safety starts on the ground. Whether operating an aerial work platform, managing a worksite or supervising teams, attention to the basics can prevent serious injuries and help save lives."



Damien O'Connor of IPAF leading the campaign on day one at the Walls Construction and O'Flynn site in Dublin

NEW 'SHARE YOUR STORY' SAFETY VIDEO

During the construction of a shopping centre in England, a boom lift overturned falling into a busy road. The operator in the platform was injured, and the road was blocked for six hours. IPAF's latest safety video reconstruction highlights the hidden ground related hazards that caused this and many other overturns, the learning outcomes and the actions needed to minimise the risk of this type of incident.

If you have an experience you'd like to share - anonymously if you prefer - please complete a form on the IPAF website and provide as much detail as possible about the incident or near miss so others can learn from it.

SUSTAINABILITY PATHWAYS ELEARNING

IPAF has launched 'Sustainability Pathways eLearning' which is designed to help members build sustainability related skills and also improve their operations.

The initiative supports the UK government's Build Back Greener strategy and the national goal of achieving net zero carbon emissions by 2050, the free online training offers learning pathways catered to the powered access sector. While a little UK centric, it could prove helpful in other markets.

IPAF's Richard Whiting said: "As environmental responsibility becomes a core business expectation, it's critical that our members are ready to lead. We are proud to offer this training as a free benefit to our members. It's a practical way to future proof businesses and support our industry's journey to a greener future."

Members can choose from two courses:

- For aerial work platform management (Designed for supervisors, managers, and business owners)
- For aerial work platform users (For operators, delivery drivers, engineers, and site based personnel)

Each course takes around two hours to complete after which participants receive an IPAF Sustainability Badge.



IPAF ATTENDS SCAFFEX25

Last month, IPAF exhibited at ScaffEx25 in Manchester. Visitors heard about updates to IPAF's training courses, safety guidance and developments in Mast Climbing Work Platforms and hoists.

One of the highlights of the stand was Penny the Pink Hoist, spotlighting IPAF's new Powered Access Industry Trust (PAINT) initiative, to help raise money for cancer research.



Jo Power (L) and Faith Cobaine



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LOLER REVIEW

ALLMI has been consulting its members over the HSE's 'Call for evidence' survey, regarding a review of LOLER 1998.

The review is part of the Regulatory Action Programme, a two stage government initiative led by the Treasury to reform UK regulations and support economic growth, innovation, and productivity.

ALLMI technical manager, Keith Silvester said: "To prepare a response on behalf of ALLMI, we are consulting with our Technical Standards Committee and Operators' Forum Executive Committee, as well as welcoming comments from all ALLMI members. However, given the nature of the questions being asked, we have also encouraged members to share their views directly with the HSE by completing the survey."

The call for evidence closes on 11th November, the survey form can be found at: consultations.hse.gov.uk/hse/loler-call-for-evidence



MATTHEW BLAKEMORE – AI EXPERT

Artificial Intelligence (AI) expert, Matthew Blakemore, will be the guest speaker for ALLMI's membership meetings taking place at Silverstone Museum on the 6th of November.

Blakemore is chief executive of AI Caramba, a consultancy dedicated to crafting bespoke AI solutions. He is also a leading figure in AI, having chaired the 2023 World AI Summit and is an AI standardisation committee member for BSI and ISO. Blakemore also sits on the Advisory Group of the 'Innovate UK Bridge AI Programme', a government initiative designed to accelerate the adoption of AI in numerous sectors, including construction and transport.

ALLMI chief executive, Tom Wakefield said: "With the increasing prevalence and advancement of AI, it's an excellent time for Matthew to speak on the subject. He will explain the development and execution of AI strategies for business. This will cover the integration of AI technologies to streamline operations, improve efficiency, reduce risk, and drive sustainable growth, as well as governance and ethics around the use of AI."



TERMS & CONDITIONS SURVEY

ALLMI has surveyed fleet owner members for feedback on its 'Terms & Conditions for a Lifting Operation using a Lorry Loader'.

Formulated by an expert industry working group, the Terms & Conditions assist ALLMI members in:

- Offering work which complies with an objective, defined industry standard
- Committing contractually to compliance with LOLER and BS 7121 Part 4
- Demonstrating added value through conformity and professionalism

Wakefield said: "Whilst the Terms & Conditions continue to be widely adopted and very much fit for purpose, it's important that they are periodically reviewed, and that we receive feedback directly from those who use them."

"The survey responses proved very helpful, and in conjunction with the Operators' Forum Executive Committee we will now commence the process of creating the next version for publication."

Available only to ALLMI members, the Terms & Conditions provide a benchmark for the lorry loader industry, being recognised as an assurance of good practice. Contact ALLMI for more information.



INCREASE IN APP DOWNLOADS

Downloads of the ALLMI app have increased by nearly 10 percent over last year. Key to its popularity is its range of calculator tools aimed at those planning lifting operations or carrying out Thorough Examinations. Lift planning tools allow the following to be calculated/established:

- Whether a lift falls into the crane hire or contract lift category, and whether a site visit is required in advance of the operation
- Vertical loads placed on stabiliser legs
- Mat sizes required for a particular lifting operation
- Safe positioning of stabilisers when operating near a slope
- Sling selection when handling cabins or containers
- The sail effect of wind on a given load

Thorough Examiner tools facilitate calculations for overload, stability and sink rate tests, as well as RCI/RCL calibration. A further tool is being developed to determine safety system requirements for loader cranes based on their year of manufacture and installation.

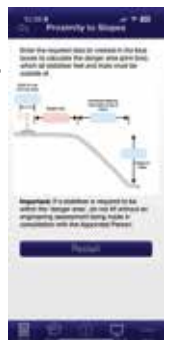
The app is free to download from the Apple and Google Play store.



NEW 'PROXIMITY TO SLOPES' TOOL

ALLMI has launched 'Proximity to Slopes', a new calculator tool for its app. The tool helps plan lifting operations by guiding stabiliser leg positioning near slopes - accounting for mat size - to maintain stability.

Data required for the tool is the width of the mat, horizontal distance from the base to the top of the slope, and height of the slope. Entry of the above will then calculate the 'danger area', within which stabilisers should not be positioned.



For details of ALLMI standards, guidance documents and training, visit: www.allmi.com

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PRISON SENTENCE FOR BUILDER

Raffaele Vigliotti, 68, a self-employed builder in the UK, trading as Absolute Building Solutions was given an eight month prison sentence, suspended for 18 months, during which time he has been ordered to do 200 hours of unpaid community work after a man fell to his death on one of his jobs.

The deceased - Andrew Layley, 69 and a friend of Vigliotti's - was helping install a new roof in Reading in April 2023 when he fell sustaining serious head injuries. He died in hospital a few weeks later. The Health & Safety Executive found that Vigliotti failed to put any suitable safety measures in place for working at height.

HSE inspector Nicola Pinckney said: "This was a wholly avoidable incident, if consideration had been given to the well-known risks of working at height, the incident could have been avoided. Due to Vigliotti's failures, a family has lost a much loved husband and dad."



POTAIN SAFETY SESSIONS

Abu Dhabi based Potain tower crane distributor NFT held a four day safety campaign across six construction sites in the UAE and Saudi Arabia with around 450 delegates attending the sessions.

The sites included the Trojena Ski Village at Saudi Arabia's Neom megaproject, the Sobha Hartland 2 and Sobha One and Binghatti Granada sites in Dubai. In Abu Dhabi it was the Adek Riyadh Schools project and Reem Hillz residential development.

Using the Potain Safety Handbook as a starting point, the sessions covered the effective use of crane audio and hand signals, ensuring clearly defined safe work zones and individual responsibilities for upholding site safety.

Manitowoc sales director Jean-François Amet said: "Being present on site is one of the most meaningful ways we can support those operating our cranes. These sessions weren't just about safety rules - they were about open dialogue, exchanging ideas, and strengthening trust."



NEW 'BUDDIE SYSTEM'

Australian crane contractor Marr Contracting has become the first company to implement The 'Buddie System' - a wireless safety alert device that allows 'dogmen'/slinger signallers to instantly stop crane operations if something goes wrong, helping overcome shortfalls in traditional two way radio communication.

Developed by Gary Panagiotidis and Jade Harris, the 'Buddie System' was trialled on two major construction projects in Sydney - the Metro Airport Terminal Station and the Sydney House mixed use development. The system was launched at this month's CICA (Crane Industry Council of Australia) conference. Marr says that it intends to roll the system out across its fleet in Australia and the UK.



ATLAS TAKES ON TRAINEES

German loader crane manufacturer Atlas has taken on 10 new apprentices - seven at its Ganderkesee facility and three in Delmenhorst - for training as industrial clerks, workshop technicians and mechanics.



WHO TRAINED THEM THEN?

Spotted by a reader in the UK: a number of people trying to attach a flag to a lamppost with the craziest access method.

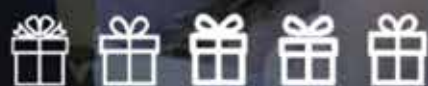
With nothing more than a small step ladder they have collected wheelie bins and managed to stack them in order to provide a working height of around five and a half metres, still lower than they wanted. These bins do not stack well, it is a miracle that they held together. Also how they managed to get the top one into place is a mystery.





Plant & Hire
Aid Alliance

Let's Give Ukrainian Children Another Christmas This Year



Getting Involved:



Childrens Christmas Appeal

Children are the innocent victims in this horrendous war. Families continue to be split up, with many being killed, including children. Homes and livelihoods have been destroyed and millions of families face an uncertain future.

We want to try and bring a little bit of joy into children's lives this Christmas. **Last year we managed to collect, wrap and send 30,000 presents to the children of Ukraine.** Through the generosity of local communities, partners, suppliers, customers, families and friends, we are hoping to collect enough toys and gifts to give Ukrainian children another Christmas this year.

GATEWAY 2 DELAYS STALL MORE THAN 150 PROJECTS

The CPA has warned that the current government's pledge to deliver 1.5 million new homes is at risk unless it can resolve severe delays at Gateway 2, the approval system for higher risk buildings.

Gateway 2 - introduced under the Building Safety Act 2022 - requires developers to secure approval from the Building Safety Regulator before work can begin on high rise schemes. Designed to strengthen fire and structural safety, it has instead created a bottleneck.

A CPA survey of members found that more than 150 high rise projects - with more than 60 percent in London - are currently stalled, with cranes standing idle and supply chains in limbo. Members reported delays of over 40 weeks on projects that should have been cleared within a fortnight.

Contractors' associations have warned that unless Gateway 2 is fixed, the backlog will get worse, costs will rise, and confidence across the supply chain will start to erode.

LOLER 1998 REVIEW

The HSE has launched a Call for Evidence for a review of the Lifting Operations and Lifting Equipment Regulations 1998. The Government seeks to reduce unnecessary bureaucracy, enhance regulatory efficiency, and ensure legislation keeps pace with technological advancements and modern working practices.

The HSE has invited feedback through a series of questions, mostly focused on thorough examinations, reporting and associated costings. The review is not a comprehensive overhaul of LOLER, but a focused effort to ensure it remains proportionate, effective and aligned with current and emerging technologies. A wider consultation will be launched in February next year.

The CPA is producing a collective response through its lifting related interest groups and encouraging members to respond individually. It is also liaising with the Industry Lifting Lead AP Group and other organisations. The Call for Evidence closes on November 11th.

THE IMPORTANCE OF MENTAL WELLBEING

CPA careers manager Katie Kelleher spoke at Get Construction Talking's Construction Mental Health Summit at the end of September, bringing together unions, contractors, consultants and universities for frank conversations about mental health in the sector.

Key takeaways from panel sessions included:

- Health must be valued as much as safety
- Time for medical appointments should be protected, not pressured
- Gambling and substance abuse need to be openly addressed, not brushed aside
- Real change comes from honest conversations, not just policies
- Engagement and buy-in from the ground up is essential
- We can influence external and internal pressures by making a better workplace for everyone
- On time payments need to be prioritised, why give people financial worries on top of everything else



L-R Fred Mills of B1M & Get Construction Talking, Brett Smith of Gardiner Builders, Katie Kelleher of CPA and Steve Kerslake of Construction sport

ILLAPG MEETING

The Industry Lifting Lead Appointed Person Group (ILLAPG) held its 39th meeting on October 9th at GGR's facility in Haddenham, with over 80 participants - 20 in person and 60 online.

Chaired by Darren Biggs of Sir Robert McAlpine and supported by Tom Pawson of Costain and Katie Kelleher of CPA, the meeting covered current projects, regulatory updates, and technical best practice.

Andrew Lloyd of Select Plant Hire gave a presentation entitled 'Piking Crawler Cranes on Luffing Jibs - Best Practice (Our Opinion)', exploring safe planning, responsibilities, and procedural considerations. **(in case you are wondering Piking is not a misspelling - more on that later).*

The meeting also reinforced the importance of sharing knowledge with others in the lifting industry, highlighted by Sir Robert McAlpine's 'Tower Crane Schedule of Common Lifts', now freely available online. Other agenda items included updates on the LOLER Call for Evidence, standards activity (BSI, CEN and ISO), and work from the Tier 1 Fatal Risk Group.



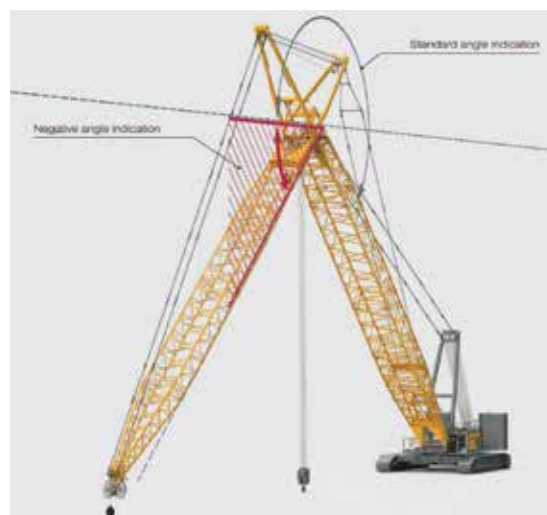
ILLAPG meeting

* 'PIKING'

The Vertical team had never come across the term piking before and were scratching our heads, Katie at CPA - an experienced crawler crane operator - informed us that it was the out of service configuration in which the main boom is lowered to around 50 degrees and the tip of the luffing jib placed on the ground, as in the drawing provided. Jib top wheels ideally required.

Most of us were familiar with the configuration but not the term piking so we have asked contacts in other English speaking countries and some German crawler crane manufacturers. The USA was fastest to come back and gave us the following terms:

- Knuckled down • Knifing • Spiking • Parked



A GALA DINNER

The CPA will host a formal dinner at the stunning St George's Hall in Liverpool on Thursday, November 6th. Tickets can be booked through the CPA at www.cpa.uk.net/cpa-gala-dinner-2025.

IN THE NEXT ISSUE OF

C&A

Place your products in front of more than 31,000 crane, telehandler and aerial work platform buyers & users who will read the November issue of **Cranes & Access**...



THIS ISSUE WILL INCLUDE:

PICK & CARRY INDUSTRIAL CRANES

Over recent years, the mobile pick & carry/industrial crane has made something of a revival with several new and interesting products being launched on the market - mainly from Italian manufacturers. We take a look at the latest products and developments.



LARGE TRUCK MOUNTED LIFTS

While sales of the larger truck mounted lifts have softened over the past year, there are still many new and interesting products and even a new player in the sector. We reveal all...



OUTRIGGER MATS AND TRACKING

The increasing acceptance and use of outrigger mats and pads do appear to have had an effect on the number of serious incidents involving cranes and aerial work platforms. This growth means a full and busy market with many new product developments. We take a look at some of the latest.



MASTCLIMBERS & HOISTS

Although a seemingly mature market in terms of annual growth, the mix of manufacturers is changing together with new products that are safer and more sustainable. We look at the latest product developments as well as some interesting applications,

Every issue of **C&A** is also packed with our **regular columns** and **news** plus **reader's letters**, **books**, **models**, **training**, along with the latest news from **CPA**, **ALLMI**, and **IPAF**.

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On the road



Palfinger Hooklift system



Unloading a heavy load



Grab mounted on the loader crane

PALFINGER PK 370 TEC 7

This model is a Scania truck with a Palfinger PK 370 TEC 7 loader crane which features Palfinger's hook lift system. The loader crane is rated with a maximum load moment of 35 tonne/metres and a maximum lift capacity of 10 tonnes. It has been modelled by WSI in 1:50 scale and is a Palfinger promotional model, so the box is Palfinger branded.

WSI has a long history of making high quality truck models and this Scania is no exception. The detailed chassis is a 6x4 with different tyres on the steering and driven axles. The cab is decorated nicely and has Palfinger graphics applied. At the front the grille is formed very well. A nice touch is the very fine grilles on the headlights. The steering has a limited range of movement and the cab tilts to reveal a detailed engine.

The hooklift body is a solid casting with moderate detailing. The hooklift cylinders have Palfinger graphics applied, and the system works well and the body can be posed off the truck or during the loading cycle.

The Palfinger crane is very impressive. The front outriggers have two stage beams, and the cylinder rods are smooth. They are stored in the upright position and can be telescoped out and rotated, and the cylinders extended. The base section is detailed with many tiny graphics and

excellent detailed controls. The crane slews smoothly and the boom unfolds with the hydraulic cylinders being stiff in most extensions. The boom has many telescoping sections which extend well and generally hold a pose. The boom sections appear to be thin wall metal, and they have a stiff profile whilst being smooth in operation. The final boom section has a small, fixed metal hook.

The rear stabilisers have a fixed position and metal pads, and the cylinder rods have smooth faces. Small square spreader plates, a set of lifting forks and a small opening grab are also included. All are metal parts.

In summary, this model is well made with a high metal content, and the paintwork is very good with excellent graphics. It is a very nice promotional model for Palfinger with flexibility in terms of how it can be displayed, and with impressive detailing. It costs €179 from the Palfinger Store: <https://shop.palfinger.com/en/>.

Reaching high



CRANES ETC MODEL RATING

Packaging (max 10)	7
Detail (max 30)	26
Features (max 20)	18
Quality (max 25)	21
Price (max 15)	10
Overall (max 100)	82%

To see the full review, including a full unpacking and set up video, visit www.cranesetc.co.uk



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READERS LETTERS

TARIFF OBJECTION

This open letter to Donald Trump from Mike Appling of LiftHigh Crane & Rigging in the USA, speaks for many US crane rental companies.

September 08, 2025

President Donald J. Trump

The White House
1600 Pennsylvania Avenue, NW
Washington, DC 20500 via email: president@whitehouse.gov
Reference: Section 232 Tariffs on Mobile Cranes

Dear Mr. President,

Thank you for taking the time to read this letter and to consider our strong concerns about the §232 steel tariff on mobile cranes. I am writing as a long-term CEO in the crane service industry. At my former company, my team and I grew TNT Crane & Rigging from \$30 million to over \$500 million in revenues and into one of the top five largest crane companies in North America. I have formed a new company this year, LiftHigh Crane & Rigging. Our company is committed to supporting critical construction, infrastructure, and energy projects. We have a tremendous team with collective industry management experience spanning over 100 years. As part of our endeavor to be an industry leader, we are pro-American production and fully support fair trade. However, as outlined below, §232 steel tariff on mobile cranes does NOT advance either of these objectives, is currently inflicting significant pain on crane companies, and in fact will have potentially dire consequences on both the crane industry and the U.S. economy as a whole.

All-terrain ("AT") cranes are required for capital and maintenance work on foundational infrastructure (e.g. bridge beams, hospitals, schools and apartments) as well as other commercial and industrial facilities that are critical to our economy such as power plants, refineries, petrochemical plants, cell towers, LNG plants, data centers and chip plants. With less than 3% of global AT cranes manufactured in the U.S., imports from Germany and Japan are not just necessary, but vital to support the demand for these highly specialized pieces of equipment. Further, the high-tensile steel required for AT cranes is not even manufactured in the U.S. and therefore, § 232 imposition of a tariff on steel required for the manufacture of mobile cranes does not progress any buy-American or trade balancing objectives.

My experience, along with discussions with many of my industry peers and colleagues indicate §232 will have the following unintended and highly detrimental consequences. To be clear, the crane business is virtually unanimous in feeling significant current pain and the only people saying the tariff is a good thing are those that buy Chinese (see related point below):

1. Shutdown of imports - Imports of cranes to the U.S. are basically shutdown because §232 tariffs make the cranes simply unaffordable.

2. Project delays/cancellation -

* Revenue projects relying on those cranes are being delayed or cancelled and the crane operators and supporting crew that would have worked on those projects are not being hired.

* Delays would subject projects to liquidated damages and other penalties, while impairing the timely support of customer ongoing maintenance and facility operations.

3. Inflation - Each of the factors noted above directly inflates project costs and timelines. Projects that are not delayed or cancelled must compete for limited crane availability, driving prices and overall project costs higher. Inflation is the unavoidable result. The crane market was already constrained by large-scale infrastructure build-out projects such as chip plants and data centers, and the lack of new equipment entering the country is now placing tremendous upward pressure on the domestic used-equipment market. For

example, we were recently offered a 7-year old, 200-ton, 2018 crane for a price more than what a brand new crane would have been a few months ago.

4. Conflict with critical infrastructure and domestic manufacturing goals - The expressed goals of a great American infrastructure build-out and an American manufacturing renaissance inherently rely heavily on cranes. However, the imposition of §232 and other tariffs literally take away the tools to achieve those goals, substantially delay completion and/or make them vastly more expensive. Additionally, despite thinking that the tariffs are simply a short-term impact, it is definitely a long-term disruption that will negatively impact the goals stated here for many years.

5. Critical supply chain disruption - With crane imports shutdown, foreign manufacturers who schedule crane production for global demand, will allocate less production for U.S. sales. In fact, currently Liebherr and Tadano, the two largest manufacturers, are not sending any cranes to the U.S. that we are aware of. Current inventory otherwise meant for the U.S. will be redirected to other markets around the world. Together, this will create a literal gap in supply chain to the U.S. for both short-term and long-term horizons.

6. Chinese benefit and gain ground - U.S. companies under pressure to maintain projects and keep their businesses running will be forced to purchase cranes manufactured in China which will result in further aggravation of the trade imbalance with China. Chinese cranes were previously available at a 50% discount to models from competing manufacturers, but due to the safety and quality concerns were not gaining a large amount of market share. We are seeing that sentiment change very rapidly as our industry does not feel they have a choice.

7. Safety suffers and injuries and/or casualties result -

a. Significant amounts of new cranes supply the U.S. market annually. Aging U.S. crane equipment, without the affordable option to replace with new equipment, will result in safety issues that cause injuries.

b. Chinese cranes gaining ground in the U.S. will allow their long-documented safety issues to surface and inevitably cause injuries and/or casualties. The negative impact of §232 tariff on the crane industry is real and personal. My company has had to cancel orders on four cranes because the cost of those cranes at conservatively \$12.5mm would turn into \$17.5mm assuming that 80% of the cranes are steel and a 50% tariff. We had jobs and people ready to be hired that relied on those cranes and now we are in limbo. We are scrambling to find assets, and they are either unavailable or have prices that have gone up substantially. This is a loss of jobs which affect hard working American families.

I respectfully urge your Administration to reconsider the application of Section §232 tariffs on mobile cranes and related equipment. Exempting these tariffs on this specialized equipment would not only prevent small businesses like mine from losing critical opportunities, but also strengthen our ability to serve domestic projects, create jobs, and contribute to the U.S. economy.

Thank you for your leadership and for consideration of this appeal. I would welcome the opportunity to provide further details on how these tariffs directly affect my company, my employees, and the communities we serve. We can also discuss the impact on the industry overall. I am happy to come to Washington even for a 15-minute meeting. If you can accommodate a 15-minute meeting, then I can personally guarantee you will have at least 5 leaders from our industry (manufacturers, distributors, trade associations and owners) in that meeting to provide a better understanding that leads to better outcomes for all of us.

Respectfully,

Mike Appling Jr.

Owner and CEO

LiftHigh Crane & Rigging, LLC



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JCB TELEHANDLERS

Hi, I read with interest your article on telehandlers, altho' I never had anything to do with them. Last year I did the JCB Factory Tour, the guide stated their bestselling machine, 520 Loadall, 96 units were made that day! At Vertikal Days this week I was informed that it's now around 120 per day. I hope they continue to have a large share of the market.

Brian Finnie, Carnoustie (82) retired,

One time mobile crane operator

VERTIKAL DAYS FEEDBACK

We received a lot of positive feedback from Vertikal Days this year, way too much to reproduce in full here, so here are a few lines from each one.

- *What a great event thank you!*
- *Congratulations for the great event in UK!!! Next year I will also join the Wednesday!!*
- *Great event again - do you have dates for next year?*
- *Cheers and enjoy some rest*
- *Great show - have you announced dates and venue for next year?*
- *Thank you for a Great Day at Newark as it was VG show and well organised*
- *Hi Leigh Thanks for a great show and a lovely evening thank the other Lee also!*
- *Best show yet - will be going next year, well done*
- *Hello Leigh, another great show this week, well done to you and the team. Do you have a date for next year's show and is it still at Newark we want to get ahead of the game with our planning.*
- *Best show yet - you just need to sort the weather, and it will be perfect*
- *We had our best show so far... day one in particular was fantastic for us - just brilliant well done to you all.*

JAMES RICHARD HAGAN 1943-2025

UK/Saudi Arabian crane rental industry veteran Jim Hagan passed away on Thursday 25th September at the age of 82 following a period of ill health. He leaves behind his wife Olga and children Elisha and Sean.

Born in Liverpool he graduated from university in 1964 but did not enter the crane industry until 1970 when he joined BCHC - the British Crane Hire Corporation, a rebrand of Richards & Wallington - as a sales representative. After a few years with the company, he moved to a similar role at Roadcraft Crane and Plant Hire.

In 1978 he joined G.W. Sparrow and Sons and was posted to Damman, Saudi Arabia as contracts manager on a major port handling contract. The contract sparked off a long standing joint venture with Saudi Arabia based Rezayat Group - Razayat Sparrow Arabian Crane Hire.

Once the contract was completed and the venture running smoothly, he returned to the UK as director of Sparrows Heavy Cranes, remaining until the company was acquired by BET in 1985.

The following year he joined two former colleagues, Gordon Sparrow and Derek Flatley to acquire Coventry Crane Hire, followed by the formation of Gordon Sparrow Crane Hire in Bristol.

When the financial crisis hit in the late 1980s/early 1990s, the partners agreed to major restructuring of the business and Hagen returned to Damman, initially working as general manager for Crescent Transportation. In 2002 he rejoined the Rezayat group as general manager of Rezayat Projects, adding Rezayat Sparrow to his responsibilities in 2006. He finally retired in 2009 and returned to Bath.

One of those who worked closely with him said: "Jim was a competent manager and will be remembered for his no-nonsense management abilities, loyalty to his staff and friends and his wonderful sense of humour."



Jim Hagan

WILLIAM 'BILL' NORMAN GREEN 1942-2025

UK crane industry veteran Bill Green passed away on Sunday 28th September having struggled with his health of the past few years, he was 83. He leaves behind his wife Pam and two children Wendy and Steve, along with five grandchildren and nine great grandchildren.



Bill Green

Born in Ipswich, Suffolk in 1942, he began his career as an engineering apprentice at UK crane and equipment manufacturer Ransome & Rapier, working on the crane product lines.

During his time with the company, he was sent to Hong Kong for six months to supervise the installation of a sluice gate.

In the mid to late 1960s he left Ransomes & Rapier and the crane industry for Bostitch selling staplers and staples. In 1969 he won the company's Salesman of the Year award, having clearly discovered that selling was his metier.

He then returned to Ransomes but in a crane sales role rather than manufacturing and did very well, to the point that he was noticed by other crane manufacturers, leading to him being recruited by Oxford based Grove UK, to cover one of its larger territories in central and southern England. He remained with the company through numerous changes and management regimes, including the acquisition of Coles in 1985, its acquisition by Hanson in 1987 and Keystone in 1998.

That same year he decided to branch out on his own and set up PLC Sales, which stood for Previously Loved Crane Sales. He bought and sold used cranes and in 2002 he also sold new Effer loader cranes with Rob Gilbert, trading as Effer UK and later acted as an independent agent for Amco Veba loader cranes, using his industry contacts.

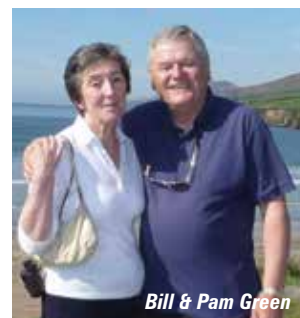
In 2007 he heard that we were considering setting up an event - Vertikal Days - and played an important role in bringing Tadano's UK dealer at the time - Cranes UK and its owner Joe Lyon - on board, which provided encouragement to others. He was an ardent supporter of Vertikal Days in those early years and later became an exhibitor in his own right.

A major change also came in 2007 when he spotted an outrigger mat producer at Bauma in Germany. On discovering that the company had no distribution in the UK, he negotiated an exclusive dealership, and his business really took off, becoming a significant player in the market, helping change attitudes to the use of proper mats. In 2013 he accepted a takeover offer from IPS but remained on board as a consultant to the new owners, finally retiring in 2016.

However, it was not all work and no play, he loved fishing - angling if you prefer - no matter what type - deep sea fishing, coarse fishing, rivers and lakes, he just loved to fish and joined an industry group of likeminded friends, including Tony Mort, Jim Daintith and others. We covered a number of their escapades from following in Hemmingway's footsteps in Jardines de la Rheina 60 miles off the coast of Cuba in 2006 and 2010, the Kola Peninsula of Northern Russia in 2007, and the Agua Boa river in the Amazon basin in 2011.

Bill Green was one of a kind, with a perpetual smile, so often seeing the funny side of things. He was good company, always professional, serious when necessary and extremely knowledgeable. He retained his crane industry contacts and managed to keep his finger on the pulse of the UK crane industry until the last few weeks. He would often tip us off about an interesting development.

He will be remembered by many and missed by most.



Bill & Pam Green



Bill Green in Venice



JAMES 'JIM' QUINN 1937-2025

Jim Quinn of Q Crane Hire/Q Crane & Plant Hire in the UK passed away suddenly in hospital on September 5th at the age of 88. He leaves behind daughters Jeanette and Yvonne and sons Sean and Anthony, along with 11 grandchildren. He was predeceased by wife Teresa and son Jimmy.



Q Crane - based in Oldham, Greater Manchester - was registered as Q Plant Hire in 1972. The company established its specialist crawler crane rental operation in 1998, and built an all Kobelco lattice crawler crane fleet, but more recently has added Liebherr telescopes and lattice crawlers. Jim was a civil engineer, a job that it seems he loved. While fascinated by the developments in crane design and capability he was happy to keep his hand in on the civil engineering front and leave the crane rental business to his son Anthony, who was largely responsible for building it into the company it is today.

A company statement said: "Jim's influence on the industry extended well beyond his own company. He was widely respected for his integrity, professionalism and generosity, often providing guidance and support to others in the field. His remarkable work ethic and passion for helping others set a standard that continues to inspire those who follow in his footsteps. Jim was a mentor and friend to many, whose long and dedicated career in civil engineering reflected his unwavering commitment to excellence. He proudly served as Northwest chairman of the Federation of Civil Engineering Contractors on two separate occasions, a testament to his leadership and dedication. Jim's values and the legacy he created will be forever part of Q Crane & Plant Hire."

WENDELL ANTHONY 'TONY' PHILLIPPI 1945-2025

Minnesota based crane sales and rental veteran Tony Phillippi passed away on Saturday September 6th at the age of 79, he would have been 80 at the start of December. His wife Toni died in 2014. He leaves behind two sons, Vess and Chris.



Phillippi was born into the crane industry, his father Vess Phillippi started the Phillippi crane business in or around 1940, while he and Tony went on to establish Truck Crane Services as a subsidiary in 1975. The Truck Crane Services crane fleet was sold at a private auction in 2017. Tony also co-founded Elke Corporation, an early software company in 1978 with Bob Nelson.

Phillippi was also well known for his used crane sales operation and flying giant flags from crane booms at the company yard in Egan Minnesota on September 11th each year to commemorate those who died in the destruction of the World Trade centre's twin towers in 2001.

Tony Phillippi was also an enthusiastic aviator, owning a number of historic war time aircraft, and supporting the Fagen Fighters WWII Museum in Granite Falls, Minnesota.

**SUMIT MAZUMDER 1948-2025**

Sumit Mazumder, past chairman and managing director of Indian crane manufacturer TIL (Tractors India Limited) passed away at his home in Kolkata on Sunday, August 31st, he was 77. He leaves behind his wife and former co-director Manju Mazumder.



Sumit Mazumder graduated from St Xavier's College, Kolkata, and went on to gain a Masters in Business Administration from the Sam Houston State University in Texas, followed by the Advanced Management Programme at Harvard University. After completing his extensive education, he joined TIL, which was managed by his older brother Bobby Mazumder. He took over from him as managing director in 1995.

During his time as managing director of TIL he made numerous changes and improvements, especially in the area of employee care and management, oversaw the production of the company's 5,000th crane at its Kamarhatty plant and was responsible for the construction and opening of a second production facility in Kharagpur, Bengal in 2011.

He eventually took over from Bobby Mazumder, as executive chairman, remaining as chairman and managing director until the business was acquired last January by Indocrest Defence Solutions, a business within the Gainwell Group. Gainwell owns a Caterpillar distributor. Tractors India was established as a Caterpillar distributor in 1944, adding the Coles Crane distributorship in 1950 and becoming a Coles licensee in 1960. It sold the Caterpillar dealership in 2018.

In his resignation letter he said: "Although I have been active longer than my retirement age, but as they say, it's never too late. Consequently, I am tendering my resignation as there is no successor to continue business operations after me."

Sumit Mazumder was also chairman of the Bengal Chamber of Commerce & Industry from 2002 to 2003. A statement from the organisation this morning said: "He was a respected voice in national economic policy as national leader of chambers of commerce and spokesperson for industry."

He was also president of the Confederation of Indian Industry - CII - from 2015 until 2016 and sat on the boards of several industry associations. A CII statement added: "A visionary leader, he made outstanding contributions to Indian industry and to strengthening institutional leadership. His legacy will continue to inspire generations to come."

"But more than these achievements, what we will miss most is the person he was - warm, generous with his time, and always willing to listen. Sumit had a rare ability to connect with people, whether in boardrooms or in quiet conversations, and that left a lasting impression on everyone who knew him. The CII family joins in mourning his passing, and we know that his ideas and his jovial spirit will continue to guide our work for years to come.

Rest in peace, Sumit."



It is with profound sorrow and a deep sense of loss that I share the news of the passing of our former Chairman, Mr. Sumit Mazumder. To our company, he was one of the tallest visionaries who laid the very foundations on which we stand tall today.

To the state of West Bengal and to our country, he was one of the most prominent industry doyens who richly contributed to the shaping of industrial policies and practices.

To me, he was far more - my worthy predecessor and former CMD, a mentor, a guide, and above all, a cherished friend and an affectionate elder brother. His wisdom shaped my journey and his warmth touched my heart in ways words cannot fully express.

Mr. Mazumder's leadership was about building people, nurturing values, and leading with compassion. His absence leaves a void that can never truly be filled. As we grieve this immense loss, we rededicate ourselves to the extraordinary legacy he leaves behind - one of vision and kindness that will continue to inspire us for decades to come.

Rest in peace SMR, Sir. We will miss you, forever.

*Sunil Chaturvedi
Gainwell*

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www.leeaint.com
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**2026****Swissbau**

January 20 - 23, 2026
Swiss construction exhibition Basel, Switzerland
Tel: +41 58 200 20 20
www.swissbau.ch

**The ARA Show 2026**

March 02-05, 2026
The American Rental Association's annual trade show and convention Orlando, Florida
Tel: +1 800 334 2177
http://www.arashow.org/

**Conexpo-Con/Agg 2026**

March 3 - 7, 2026 The leading US construction show Las Vegas, Nevada, USA
Tel: +1 414-298-4133
www.conexpoconagg.com

**Hannover Messe 2026**

April 20- April 24, 2026
World's largest industrial exhibition Hannover, Germany
Tel: +49 511 89-1
www.hannovermesse.de

**SC&RA Annual Conference**

April 20 - 24, 2026 Annual Conference of the US cranes and heavy transport association including the Jobs of the Year awards
Omni Amelia Island, Amelia Island, Florida, USA
Tel: +1 (703) 698-0291
https://www.scranet.org/SCRA/Events/

**IPAF Summit 2026**

April 21-22 2026
IPAF AGM, meetings and seminar, with networking opportunity and awards dinner. Istanbul, Turkey
Tel: +44 (0)15395 66703
Website: https://iapa-summit.info/
E-Mail: courtney.kellett@ipaf.org

**Scotplant**

April 24/25th 2026 Edinburgh, Scotland
Scotland's largest construction equipment exhibition
www.scotplant.com
Email: organisers@pebblesmedia.com

**Samoter**

May 6 - 9, 2026
International earthmoving and building equipment show Verona, Italy
Tel: +39 045 8298111
www.samoter.it/it

**Hire26**

May 27 - 28, 2026
The Hire and Rental association of Australia and Elevating Work Platform Association annual convention & expo Sydney, Australia
Tel: +61 (0) 299982255
www.hriaconvention.com.au
hire25@hria.com.au

**Apex 2026**

June 02-04, 2026
International powered access trade show Maastricht, The Netherlands
Tel: +31 (0)547 271 566
Fax: +31 (0)547 261 238
Website: https://apexshow.com/
E-Mail: marleen@ipi-bv.nl

**ERA Convention 2026**

June 2 - 4 2026, Maastricht
Tel: +32 2 761 16 04
www.erarental.org
era@erarental.org

Crane Rental Association of Canada Annual Conference

Date to be confirmed.
The annual Canadian crane conference Edmonton, Alberta, Canada
Tel: +1 780.790.2722
www.crac-aclg.ca/
info@crac-canada.com

Maxpo

August 28-30, 2025
Finland's largest special exhibition for earthmoving and environmental maintenance machinery Hyvinkää, Finland
Tel: 040 450 3250
www.maxpo.messukeskus.com/en/
customer.service@messukeskus.com

**Vertikal Days 2026**

September 9 - 10, 2026 Newark showground, Nottingham, UK UK/Ireland Crane, access and telehandler event.
Tel: +44 (0) 8448 155900
www.vertikaldays.net

**Matexpo 2026**

September 9-12, 2026
Belgian construction equipment exhibition Kortrijk, Belgium Tel: +32 56 98 07 60
www.matexpo.com/en/
info@matexpo.com

**IAA Transportation**

September 15 - 20, 2026
The logistics, commercial vehicles, and the transport show Hanover, Germany
Tel: +49 30 897842-202
www.iaa-transportation.com/en
stephanie.glaesser@vda.de

**JDL Expo**

September 16 - 18, 2026 France's crane and access event Beaune
Tel: +33 (0)1 45 63 68 22
www.jdlexpo.com/
info@jdlexpo.com

**Platform Gunleri 26**

September 17 - 19, 2026
Annual exhibition of Platformder - the Turkish aerial work platform association Istanbul, Turkey
Tel: +90 216 466 87 22
www.platformgunleri.org/
platformder@platformder.org.tr

**Internationale Schwerlasttage**

September 18 - 19, 2026
German conference on heavy lifting, transport, rigging, and installation Hohenröder, Germany
Tel: +49 (0) 6181 9060 705
www.schwerlasttage.de
E-Mail: info@schwerlasttage.de

**The Utility Expo**

October 6 - 8, 2026
US utility industry's largest equipment show Louisville, Kentucky, USA
Tel: +1 414-274-0644
www.theutilityexpo.com
TheUtilityExpo@Xpressreg.net

**Platformers Days 2026**

October 8 - 9, 2026
German Access and lifting exhibition Karlsruhe, Germany
Tel: +49 721 3720 5096
www.platformers-days.de/
philipp.doll@messe-karlsruhe.de

**Glasstec 2026**

October 20 - 23, 2026
The largest event for glass lifting and installation Düsseldorf, Germany
Tel: +49 211 456001
www.glasstec-online.com/
online-support@glasstec-online.com

**CICA National Conference 2026**

Brisbane October 28 - 30, 2026
The annual conference of the Crane Industry Council of Australia Brisbane, Australia
Tel: +61 03 8320 0411
www.conference.cica.com.au/
wise@wiseconnections.com.au

**Crane Safety 2026**

November dates to be confirmed 2026
Crane safety conference organised by the Institution of Mechanical Engineers. London, UK
Tel: +44 (0)207 973 1251
www.eventportal.imeche.org
eventenquiries@imeche.org

**Bauma China 2026**

November 24 - 27th 2026
Tel: +49(0)89 9 4920251
www.bcindia.com

**Smopyc**

November - Dates to be confirmed
Spanish construction equipment exhibition Zaragoza, Spain
Tel: +34 976 764 700
www.feriazaragoza.com/smopyc

**Bauma Conexpo India**

September 28 October 01, 2026
Exhibition in India Noida, Delhi, India
Tel: +49 89 949-20255
www.bcindia.com/en/

**2027****Baumag**

January 21 - 24, 2027 Swiss construction equipment show Lucerne, Switzerland
Tel: +41 56 204 20 20
www.baumaschinen-messe.ch

**Executive Hire Show**

February 11-12, 2026 Coventry
UK general rental equipment
Tel: +44 (0)207 973 4630
www.executivehireshow.co.uk

**SC&RA Annual Conference**

April 2027 Dates to be confirmed
Annual Conference of the US cranes and heavy transport association including the Jobs of the Year awards, Arizona Biltmore Hotel, Phoenix, Arizona, USA
Tel: +1(703) 698-0291
https://www.scranet.org/SCRA/Content/events/Annual-Conference.aspx

**GIS 2027**

September 2027 dates to be confirmed
Italian crane, access and heavy transport exhibition Piacenza, Italy
Tel: +39 010/5704948
www.gisexpo.it

**M&T Expo**

November 16-19, 2027
Brazil's construction and mining equipment exhibition São Paulo Expo, Brazil
Tel: +49 89 949 20252
Website: www.mtexpo.com.br/en
E-Mail: info@bauma-network.com

**2028****Bauma 2028**

April 03 - 09, 2028
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