

# cranes & access

www.vertikal.net

July 2019 Vol.21 issue 5

Low level  
access

Pick &  
carry  
cranes

Annual  
source  
guide

Used equipment



LET'S

DARE



TOGETHER

THEIR



[haulotte.com](http://haulotte.com)

**Haulotte**   
LET'S DARE TOGETHER

## On the cover:

The 14ft PS-1430 Hy-Brid Lifts slab scissor lift - seen working on a typical M&E installation - has a 6.1 metre working height, 304kg capacity and 760mm deck extension. Overall weight is 780kg.



# C&A contents

17

Pick & carry cranes



27

Low level access



49

Used equipment



**SUBSCRIPTIONS:** Cranes & Access is published nine times a year and is available on payment of an annual subscription of £40.00. If you wish to subscribe, please send a crossed cheque made payable to The Vertical Press Ltd to: Subscriptions, The Vertical Press, PO Box 6998, Brackley, Northants NN13 5WY. Address changes should also be sent to this address. Please include the address label from a recent issue with all correspondence and allow 3 months for changes to be effective.

### SUBSCRIBE ONLINE AT:

[www.vertical.net/en/journal\\_subscription.php](http://www.vertical.net/en/journal_subscription.php)

**BULK DISCOUNTS:** These are available to companies wishing to take out multiple subscriptions. Please contact the subscriptions manager for more details.

Tel: +44 (0)8448 155900 Fax: +44 (0)1295 768223

E-mail: [info@vertical.net](mailto:info@vertical.net)

Kran & Bühne: The Vertical Press also publishes a German magazine which deals with the same issues as Cranes & Access, but is written for German users and buyers. Details available on request.

While every effort is made to ensure the accuracy of information published in Cranes & Access, the Editor and Publisher can accept no responsibility for inaccuracies or omissions. Views expressed in articles are those of the authors and do not necessarily reflect those of the Editor or Publisher. Material published in Cranes & Access is protected under international copyright law and may not be reproduced without prior permission from the publishers.

## Comment 5 News 6

Mammoet to acquire ALE? 26ft Micro scissor from MEC, A faster/safer way to install turbine blades? New 54t Manitex, UpRight scissor lifts return, New Raimondi luffer, New Jekko SPX532, New Hiab drywall crane, Dingli and Platform Basket partnership, Kalmar electric reachstacker, Europe's first Jaso J780PA.64, MEC Leak Containment System, JCB invests in Brazil and financials round-up...



## Pick & carry cranes 17

We look at the 'Franna' articulated pick & carry type of crane so popular in Australia as well as rounding up recently launched new products. We also ask if the cheap and cheerful tractor based cranes so popular in India are under threat from more cost effective and possibly safer telehandlers?



## Low level access and mast booms 27

The availability and use of low level and industrial type aerial work platforms has grown dramatically in recent years. We take a look at products that are particularly good for industrial cleaning and maintenance work ranging from the basic push around battery powered scissor lifts to the larger mast booms.



## Product guide 37

The C&A annual product source and dealer guide lists all the crane, access, telehandler and ancillary equipment currently manufactured and available internationally, as well as contact details of distributors in the UK and Ireland.



## Used equipment 49

With the growth of online trading and modern communications, it has never been easier to search for secondhand examples of specific cranes, aerial work platforms or telehandlers. Mark Darwin takes a brief look at the state of the market and the emerging trends.



## Diabetes and mental health 58

Kate Walker, owner of Diabetes and You, looks at the association between diabetes and depression which has been well known for at least three decades.



## regulars

CPA 61

ALLMI Focus 63

IPAF Focus 65

PASMA Focus 67

Training 69

Books and Models 70

Letters and obituaries 71

What's on 73

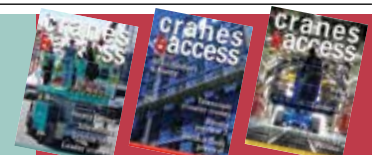
Online directory 78

## In the next C&A

The next issue of Cranes & Access scheduled for mid-September will include the annual Top 30 UK/Irish rental company guide, along with features on Spider and mini crawler cranes and Electric and hybrid platforms. If you have any contributions or suggestions to make or are interested in advertising in this issue, please contact our editorial or sales teams.

**cranes  
& access**

**SUBSCRIBE TODAY** - the only way to guarantee your copy  
[WWW.VERTICAL.NET/EN/SUBSCRIPTIONS](http://WWW.VERTICAL.NET/EN/SUBSCRIPTIONS)



If you use one of these,



you need one of these.



**Courses available:**  
Operator, Demonstrator,  
Harness, Load/Unload,  
Pre-delivery Inspection  
(PDI) and Management

IPAF Approved Training Centres train more than 150,000 operators every year in the safe and effective use of powered access platforms.

The IPAF PAL Card is recognised worldwide across industries as proof that your operators have been trained to the highest safety standards and meet all legal requirements.

Find an IPAF approved  
training centre at  
[www.ipaf.org](http://www.ipaf.org)

The IPAF operator training programme is certified by TÜV as conforming to ISO 18878.



## Editorial team

Mark Darwin - Editor  
editor@vertikal.net

## Associate editors

Rüdiger Kopf (Freiburg)  
Alexander Ochs (Freiburg)  
Leigh Sparrow

## Reporter

Sam Pickering

## Sales & customer support

Pam Penny  
Clare Engelke  
Karlheinz Kopp

## Production/Administration

Nicole Engesser

## Subscriptions

Lee Sparrow

## Publisher

Leigh Sparrow

## Advertising sales

### UK-based

Pam Penny pp@vertikal.net  
Tel: +44 (0)7917 155657  
Clare Engelke ce@vertikal.net  
Tel: +44 (0)7989 970862

### Germany-based

Karlheinz Kopp khk@vertikal.net  
Tel: +49 (0)761 89786615

### Italy

Fabio Potestà,  
Mediapoint,  
Corte Lambruschini,  
Corso Buenos Aires 8, V Piano-Interno 7,  
I-16129 Genova, Italy  
Tel: 010 570 4948 Fax: 010 553 0088  
email: mediapointsrl.it

### The Vertikal Press

PO box 6998 Brackley NN13 5WY, UK  
Tel: +44(0)8448 155900  
Fax: +44(0)1295 768223  
email: info@vertikal.net  
web: www.vertikal.net

### Vertikal Verlag

Sundgaullee 15, D-79114,  
Freiburg, Germany  
Tel: 0761 8978660 Fax: 0761 8866814  
email: info@vertikal.net  
web: www.vertikal.net



## Life is a compromise

Unless you are extraordinarily wealthy life is always a compromise. I am sure most of us would change a few things if money were no object such as the house, the car, a holiday home or two etc. However in the real world we have to make do with what we have and can afford.

In the UK a consumer magazine called Which compares products such as washing machines, TVs, hairdryers and cars etc... and recommends the 'Best Buy'. The recommendation is rarely the very best performing

product because it is usually too expensive and so tends to be the top 'value for money' item - not necessarily the absolute best, but something that does the job well at a good price point.

The same applies to business - and particularly the construction market - where keeping costs down sometimes seems more important than doing the job right - even at the cost of safety. You only have to look at the way some companies carry out lifting and work at height operations and try to get by without organising the right equipment...

Excavators, backhoe loaders and other earthmoving machines are frequently used to lift loads even though they are primarily designed for moving earth and digging trenches. They are clearly a compromise solution - less safe and not as efficient.

This month we received a copy of a Voluntary Code of Practice published by the Off-highway Plant and Equipment Research Centre, which aims to address the issue of poor communications between excavator operators and banksmen when lifting loads, by providing a set of unequivocal - and in many cases long established - hand signals.

This is eminently sensible and long overdue and hopefully it will be adopted internationally to create a common set of signals for when excavators are used as cranes, making the process as safe as possible.

But should we be encouraging the use of excavators for lifting in the first place?

When planning any lifting operation, you should first consider what is the most appropriate machine, taking into account the type of lift and the duration of the task. Would the excavator be chosen if time and money were no object?

Excavators are mostly used for carrying out lifts relating to groundworks, such as installing drainage and sewer pipes etc... so it does make some sense given they are already on site and avoids the cost, time and hassle of renting in a crane, even though it might be safer and more efficient.

If all precautions and procedures are taken into account when planning and carrying out lifting operations with excavators and the work is done safely and in accordance with your legal duties, then why not? Particularly if the issue of poor communication between the operator and banksman can be improved.

Mark Darwin

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

## Vertikal Press

MEMBERS OF:



ISSN: 1467-0852

© Copyright The Vertikal Press Limited 2019



Vertikal  
.net

# Mammoet to acquire ALE?



Dutch international heavy lift group Mammoet is in advanced discussions regarding the acquisition of UK based heavy lift specialist ALE. A joint statement recently issued by the two companies said: "Today, Mammoet Holding B.V. and ALE Heavy lift have announced that the two companies are currently negotiating a purchase agreement, under which Mammoet would acquire the British heavy lift and transport specialist."

"Should these discussions result in a signed agreement, the companies will seek approval from the relevant competition authorities. In the meantime, the companies will continue to act independently of each other, as competitors. At this point, Mammoet and ALE wish to refrain from publishing more details about their acquisition talks."

## 26ft Micro scissor from MEC

MEC Aerial Work Platforms has extended its Micro scissor lift range with launch of the new Micro 26 slab electric scissor lift. The new machine has an overall length of 1.88 metres with ladder installed - 1.73 metres with it removed - making it 600mm or more shorter than most 26ft scissor lifts.

Maximum working height is 9.5 metres with 227kg maximum platform capacity, overall width is 810mm while the 914mm platform extension creates a deck length of almost 2.6 metres long when extended. Overall weight is 1,900kg and the unit is rated for indoor use only.

As with the smaller Micro models, drive is direct electric for long battery life between recharges and fewer hoses reducing the chance of leaks. The company's new Leak Containment System is also available as an option.



The new MEC Micro 26

## Europe's first 43 metre Platform Basket spiders

Italian aerial lift manufacturer Platform Basket has delivered its first two 43 metre Spider 43T spider lifts in Europe - one to French rental company ATM Leverage and the other to Italian rental company MP Magione Piattaforme.

Launched at Bauma, the Spider 43T provides an outreach of 17.3 metres with an unrestricted platform capacity of 136kg, while 13.2 metres outreach is possible with the maximum capacity of 330kg.

MP Magione Piattaforme's opted for the hybrid version with lithium ion batteries.



MP Magione Piattaforme's new Spider 43T



ATM Leverage takes delivery of its new Spider 43T



The Vertron spreader beam with gyroscopic positioning

## A faster/safer way to install wind turbine blades?

International heavy lift company Mammoet and international marine contractor Van Oord have agreed a partnership to develop a new lifting method for installing wind turbine blades in co-operation with Australian technical lifting and rotation management specialist Vertron.

The partners believe that by sharing knowledge and expertise they will be able to speed up the development of an improved method to shorten the installation cycle times wind turbine blades while making their installation safer for operators.

Vertron has developed a remote rotating device that uses gyroscopic modules installed in a spreader beam that allows a banksman to rotate and control a suspended load via a remote controller, rather than with tag lines. A new concept has now been developed in which this unit is integrated into a lifting yoke for installing wind turbine blades.

Van Oord engineer Wouter de Wildt said: "The system allows operators to rotate and install heavy loads without using tag lines. Not only is this safer for operators, but it also shortens the installation cycle times."

Van Oord and Mammoet have each committed to the first phase of a three phase development programme. In the first 'kick-off' stage the two will carry out a full technical and requirement assessment. Turbine supplier Vestas has agreed to be a knowledge partner in this stage of the development, providing the project partners with the technical information and expertise required for the development of the new product.

Mammoet director of market development and innovations Jacques Stooft added: "We are pleased to collaborate with other organisations in the same field so we can jointly develop new tools and equipment to help the world of renewable energy to work safer and more efficiently."

## Loxam acquires 96% of Ramirent shares

The preliminary result of Loxam's Tender Offer to purchase the outstanding shares in Ramirent which expired 18th July, indicates that it has acquired 96 percent of the shares and votes in the company. This exceeds the required figure of 90 percent of shares. Loxam says that it will confirm the final results of the Tender Offer next week.



The Manitex TC600

## New 54 tonne Manitex truck crane

Manitex has launched the new 54 tonne (60 US ton) TC600 boom truck crane, the latest model in the company's 'next generation' TC-series which fills the gap between the 45 tonne TC501 and 63.5 tonne TC700.

The TC600 features a 40 metre four section main boom topped by an optional extension which takes the maximum tip height to 59 metres. Standard features include the high visibility operators cab and removable counterweight system, while a new trapezoidal chassis subframe is said to improve stability.

## UpRight scissor lifts are back

Aluminium scaffold tower manufacturer Instant UpRight has launched a range of small scissor lifts under the UpRight brand. The initial five product range includes the 13ft MX1330 push around scissor lift and three self-propelled micro models - the 14ft MX1430, the 19ft MX1930 and the 26ft X2632 - all of which feature direct electric wheel motor drive, a high standard specification and a high commonality of parts and components. In addition to the new scissor lifts the company has also announced the ML3330 - a 33ft single person, AWP type push around mast lift.

The new platforms are manufactured for the company by Chinese manufacturer Mantall and will be available in Europe from an inventory at a new European warehouse and distribution hub that the company has set up in Venlo, the Netherlands operated by Seacon Logistics. The facility will also stock a full range of replacement parts for the new scissors along with the company's range of tower related access products. It will also be home to a technical help desk. A further technical support team for the powered access products will be based at the company's Dublin headquarters where it has moved into a new 10,000 square metre manufacturing facility. The initial focus will be on European and Asian markets selling to small and medium sized rental companies both direct and through dealers.



The UpRight MX1330 push around scissor lift



The new UpRight ML3330



The new Raimondi LR272

## Another new Raimondi luffer

Raimondi Cranes has unveiled a new high capacity luffing jib tower crane - the 370 tonne/metre LR372 - with a 20 tonne maximum capacity. It offers a maximum jib length of 60 metres with a jib tip capacity of 3,795kg in its 'Ultralift' mode. The crane can be installed on the two metre square GR5H tower with internal climbing system or the 2.3 metre GR6 tower series for standard, external and internal climbing configurations.

The LR372's luffing movement uses the new 75kW winch equipped with a standard emergency brake and takes just over two minutes with full load to luff from 14.5 to 85 degrees. The main hoist/winch is powered by a high efficiency motor with 880 metres rope storage capacity and is equipped with the hydraulic emergency brake as standard.

The first two LR372s are due to be delivered to Raimondi's South Korean agent, Hansung Prime for a large scale development in Busan. The new cranes will be installed at heights of 222 and 228 metres respectively using the company's EC6L external climbing system.

## 10,000th used Liebherr

Australian rental company MCG Cranes has taken delivery of a second hand 350 tonne Liebherr LTM 1350-6.1 All Terrain crane, the 10,000th used crane supplied by Liebherr Ethingen.

The LTM 1350-6.1 features a 70 metre main boom, plus 78 metre luffing jib and 140 tonnes of counterweight and is now the largest All Terrain crane in MCG's fleet. It will be used for erecting and dismantling its tower cranes. The company has also ordered a remote control to operate the crane with a dolly.

See Used equipment feature page 49



(L-R) John Stach of Liebherr-Australia, Danny Martin and Glenn Martin of MCG Cranes, Tom Grady of Liebherr-Australia



The 10,000th used crane with the repair centre team at Liebherr in Ethingen, Germany

# Dingli and Platform Basket forge partnership

Italian spider and road rail boom lift manufacturer Platform Basket has appointed China's leading aerial work platform manufacturer Dingli as its exclusive distributor for China. The move comes as Chinese access rental companies and end users are beginning to take a greater interest in the spider lifts. The new agreement was given a kick start with Dingli's deputy general manager Xu Zhong leading a customer delegation to Italy in June. The delegation included representatives from 15 Chinese rental companies with the principal purpose of seeing the Platform Basket facilities in Poviglio near Parma in Reggio Emilia.



The tour of the Magni facilities included plenty of demonstration and hands-on time



The visitors check out Platform Basket's new 43 metre Spider 43T

The group also visited the Magni Telehandlers facility in Castelfranco Emilia near Modena, as Dingli is also the exclusive distributor for Magni in China and holds a 20 percent equity stake in the telehandler manufacturer. The Magni facility is also home to the Dingli European (Italy) R&D centre, which has designed the latest range of Dingli's European specification boom lifts.

# Jekko ships SPX532

Italian spider and mini crawler crane manufacturer Jekko has started manufacturing and shipping the 3.2 tonne SPX532 spider crane unveiled at Bauma. Maximum tip height is 17.3 metres with jib installed and maximum radius 14.8 metres. The crane has an overall width of 770mm, overall length of 1.96 metres and an overall height of 3.12 metres, with an all up weight of 2,350kg. It also features 360 degree continuous slew and can be operated via a remote controller. The SPX532 is available with a lithium ion battery pack or with dual diesel/AC electric power packs.

Export manager Alberto Franceschini said: "The SPX532 signals a very important change in direction in the design and creation of our new products. While our machines will continue to be innovative and sophisticated they will also be easier to use in order to make them more available to an increasingly wide customer base."

Chief executive Diego Tomasella added: "It is the first mini crane created as part of the project to update the entire range made possible thanks to the use of sophisticated materials and easily controlled electronics. Expectations are high and the numerous orders already received at Bauma confirm that we are moving in the right direction."



Hiab K-505 HiPro

# New Hiab drywall crane

Hiab has launched the K-505 HiPro specialist drywall crane for the US and Canadian markets. The company says it is the longest, heaviest and strongest Hiab drywall crane to date with a maximum load moment of 41 tonne/metres and the ability to deliver drywall sheets as high as the ninth floor of a building.

The K-505 HiPro includes remote controls as standard as well as LSS (Load Stability System) for vertical movements, VSLplus (Variable Stability Logic Plus) and ASC (Automatic Speed Control) to improve operator safety and productivity. Future proofing includes network connectivity for Hiab Connected Services such as HiConnect.

# Kalmar's first electric reachstacker

Kalmar has begun trials of its first all-electric reachstacker. Powered by a lithium-ion battery pack the reachstacker can lift up to 45 tonnes and is the latest step in Kalmar's aim to have electric versions of every product in its range by 2021. Kalmar has already launched electric powered forklifts, empty container handlers, shuttle and straddle carriers and yard cranes.

The new reachstacker is scheduled for trials at the Venlo logistics hub of transport and logistics company Cabooter in the Netherlands, and if all goes according to plan the first production unit will be delivered to Cabooter in 2021.

Cabooter group president Hans Cabooter said: "The main driver behind our decision to adopt the electric reachstacker solution is the need to reduce the noise and airborne emissions. This is especially important at our Kaldenkirchen terminal because it is located in the centre of the city, where there are clearly defined limits for these emissions. Our goal is to become the industry leader in emission reduction in partnership with Kalmar."



Kalmar's new electric reachstacker



# Europe's first Jaso J780PA.64

Jaso has sold the first 64 tonne J780PA.64, luffing jib tower crane, the largest luffer in the Spanish manufacturer's product line to UK tower crane rental company and Jaso dealer Falcon Tower Crane Services. The new crane is due for delivery in October and will be the first to arrive in Europe.



The new crane has been ordered for a project in Birmingham and features a 70 metre jib with a jib tip capacity of 6.2 tonnes. It is the third J780PA.64 produced with both previous models going to customers in Australia.

Jaso sales manager Mikel Iturrioz said: "We are delighted that our UK dealer for more than 20 years has confirmed the order for our largest luffing jib tower crane. With global demand for the bigger lifters increasing, we are sure this will be the first of many in the UK market."

Jaso sales manager Mikel Iturrioz said: "We are delighted that our UK dealer for more than 20 years has confirmed the order for our largest luffing jib tower crane. With global demand for the bigger lifters increasing, we are sure this will be the first of many in the UK market."

# First new Maedas for UK

Maeda dealer Kranlyft has delivered the first 2.82 tonne Maeda MC285CRM-E-3 spider crane to Cobra Lifting in the UK. The MC285CRM features a five section 8.6 metre boom giving a maximum tip height of 9.7 metres. It has a stowed width of 750mm, 2.8 metres long and less than 1.5 metres high while weighing below 2,000kg. The winch has a



Clint Price of Cobra Lifting (L) with Andy Crane of Kranlyft UK

high rope storage capacity allowing the crane to lower loads on a single line to 100 metres below ground level. Powered by a Yanmar diesel, it has the option to add a quickly removable self-contained AC electric power pack for working indoors or in areas where noise or emissions are restricted.

Kranlyft has also sold the first 3.83 tonne Maeda MC405CRM-E-3 spider crane to UK-based rental company Coppard Plant Hire. The MC405CRM can lift its maximum capacity at a radius of 2.7 metres, while its maximum radius is 16 metres, with power coming from an EU Stage V compliant diesel.



Coppard's new Maeda MC405CRM-E-3



## SMART DRIVE ACCESS.

GROWTH HACK YOUR BUSINESS WITH BRAVI'S INTELLIGENT APPROACH TO OPERATIONAL WORK SPACES.

SAFELY ACCESS. MULTIPLE POSITIONS. OPTIMISE TASK RATES & OPERATIONS.

**BRAVI**<sup>®</sup>  
PLATFORMS

WWW.BRAVI-PLATFORMS.COM



14 new cranes have been added to Hyva's Edge range

## Hyva expands Edge range

Dutch international loader crane manufacturer Hyva has added 14 new models to its Edge articulated loader crane range. The latest cranes range from 19 to 21 tonne/metres and are available with five different boom configurations. They include two new HT telescopic boom models, two HB articulated booms, six HC double linkage articulated booms featuring Hyva's Liftrod Articulated System (LAS) allowing for easier operation in confined or restricted spaces, two HC-K double linkage booms and two HC-e double linkage booms. Depending on the crane model there are up to eight extensions available along with a choice of jibs, winches and accessories.

Director for cranes Davide Catellani said: "With our new Edge line of cranes, we now offer a first class lifting experience and the best available warranty. Our cranes deliver excellent capabilities across the truck mounted crane range, in a variety of configurations. And, with state of the art design, new hydraulics and electronics we are delivering choice, performance, safety and ease of use throughout our new range."

## IPAF looks for new CEO

Earlier this month Tim Whiteman, the chief executive of the International Powered Access Federation, resigned from his position and left the association/company. Past president Andy Studdert - previously the chief executive of NES - has taken over as chief executive on an interim basis while a replacement is found.

Whiteman was recruited by IPAF in 2003 to take over from Paul Adorian, an active participant in its establishment in 1983 and its first managing director. Today the organisation is a far more international operation with a total of 1,372 members in 68 countries.

Whiteman issued the following statement regarding his sudden departure: "It has been a privilege to work with the dedicated IPAF members and team members around the world - the passion to deliver the safe and effective use of powered access motivates so many people and IPAF shares their knowledge and experience to keep people safe. However after 15 years, I am looking forward to a change and thank the board for its support in making this happen."



Tim Whiteman



The fleet is topped off by a Palfinger P570

## New UK access rental company

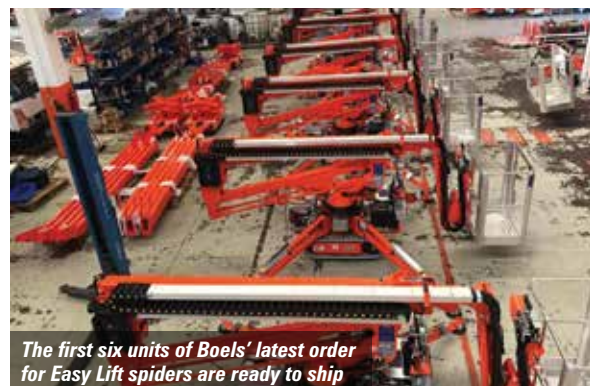
Access industry veteran Ray Tye has opened a new access rental company - A1 Access (NE) - based in Sunderland, north east England. The company's fleet comprises brand new 57 metre Palfinger P570 and 30 metre Palfinger P300 KS truck mounted platforms, with a 26 metre Ascendant Access truck mounted platform due to be delivered by the end of the month. The fleet also includes a 20 metre Hinowa Lightlift 20.10 MK2 spider lift. Tye formed the company in May in partnership with Steven McHaffie and Iain Hawthorne of Scotia Access Services of Aberdeen. The company has a team of five and will cover the greater Tyneside region.

Tye began his access career in 1985 with Instant Zip Up - later Instant Access - initially as a driver before moving into sales. In 1996 he joined Nationwide Access - now Nationwide Platforms/Loxam - moving to The Platform Company in 2001 and then ES Access Platforms a year later. When ES Platforms closed in 2010 he joined Facelift as its Newcastle depot manager, leaving in 2013 for Outreach Access.

## Boels adds another 28 Easy Lift spiders

Italian manufacturer Easy Lift has shipped the first six spider lifts of a 28 unit order to Netherlands-based Boels Rental.

The initial 26 machine order was placed at Bauma in April, however two additional machines have since been added which now comprises 12.2 metre R130s, 15.6 metre R160s and 18.5 metre R190s, duplicating an order placed by Boels at the start of 2018. 30 similar units were ordered in 2016. When delivered it will bring the total units of these three Easy Lift models purchased by Boels to more than 170.



The first six units of Boels' latest order for Easy Lift spiders are ready to ship



JCB's plant in Brazil

## JCB invests in Brazil

JCB is to invest \$25 million in its Brazilian manufacturing operations. It opened its production plant in Sorocaba, São Paulo in 2001 and invested a further \$100 million in a new facility in the city in 2012. The investment is part of a plan to launch a number of new products for the Brazilian and neighbouring South American markets.

## UK's first Ommelift 18.40

UK rental company Instant Access has taken delivery of an 18.3 metre Ommelift 18.40 RXJ spider lift, the first to arrive in the country.

Delivered by UK distributor Access Platform Sales (APS), the lift has been already gone out on its first job, inspecting new build houses. The 18.40 has a 10.5 metre outreach and 200kg capacity. It is 4.85 metres long, 790mm wide and just under two metres high. In the hybrid version it weighs 2,900kg.



The UK's first Ommelift 18.40

## MEC Leak Containment System

Californian aerial lift manufacturer MEC has launched a new Leak Containment System (LCS) for its scissor lift range. A study of leak reports data found the majority came from the hydraulic motors on the front wheels where the hoses are constantly stressed by the steering function. MEC says that its entire slab scissor line has now been switched to direct electric drive, eliminating the drive wheels as a source of oil leaks. The LCS employs a system of trays integrated into its scissor lifts that will contain leaks, vital for machines operating on sensitive surfaces or 'clean rooms'.

On electric drive scissor lifts the entire hydraulic system apart from the steering cylinder is contained in a single slide out tray which is integrated into the machine to avoid any potential interference with critical machine functions. It also uses pre-cut absorbent pads in the bottom of the trays for quick replacement, while strategically placed inspection holes help detect a leak before it becomes too serious.



A tray and under the steering cylinder

# VERSALIFT

## Shaping the future of van-mounted platforms

- The largest vehicle-mounted platform provider
- Over 7000 vehicle-mounted platforms in the UK and Ireland
- National network of Versalift trained engineers providing 24/7 support
- Over £1M of OEM parts in stock and ready for next day dispatch



T: 01536 721010  
E: sales@versalift.co.uk  
www.versalift.co.uk

**NEW**  
450T Liebherr  
available for hire



GRAHAM JONES  
CRANES LTD



Graham Jones Cranes is a leading crane hire and contract lift specialist with over 25 years experience operating in the UK.

- Crane Hire and Contract Lifting under CPA conditions, with a main objective on safety
- 30-strong modern crane fleet and support vehicles from 25-450 tonne, working across a wide range of industry sectors
- In-house expertise to plan entire lift operation
- Fully trained and highly skilled operatives

To hire your crane now, email  
[info@grahamjonescranes.co.uk](mailto:info@grahamjonescranes.co.uk)  
or call: 01978 366458

[www.grahamjonescranes.co.uk](http://www.grahamjonescranes.co.uk)

## Double digit growth continues at Ashtead

**Ashtead**, owner of Sunbelt in North America and A-Plant in the UK, has reported full year revenues to the end of March of £4.14 billion - up 18 percent on last year - with positive contributions from all three businesses. Pre-tax profits improved 20 percent to £1.01 billion.



**Sunbelt USA** achieved revenues 19 percent higher at \$4.99 billion, five percent of it due to acquisitions and the rest from organic growth. Operating profits were 19.5 percent higher at \$1.54 billion.

In Canada Sunbelt Canada's revenues increased 54 percent to \$344 million, with 18 percent of the improvement due to organic growth and the balance due to acquisitions. Operating profits almost doubled to \$54.8 million.



In the UK **A-Plant** revenues were just over one percent higher at £475.1 million, but operating profits were lower at £62.3 million compared to £70.2 million, this in spite of a one percent improvement in rate yield thanks to a better product mix.

Capital expenditure for the year totalled £1.587 billion, more than 28 percent higher than in the previous year, while the company sold £202 million of used equipment from the fleet compared to £158 million last year. In spite of the additional investment the average age of the fleet increased from 32 months to 34 months this year. Net debt at the end of the fiscal year was £3.75 billion, compared to £2.7 billion last year, partially due to dollar-based debt transferring to a Sterling amount, plus the cost of acquisitions and capital expenditure.



## BrandSafway acquires Sheedy Hoist

The **SafwayAtlantic** division of suspended platform and scaffold company BrandSafway has acquired the assets and ongoing hoist business of Crane and heavy haulage company **Sheedy Drayage**. Sheedy Hoist runs a fleet of single and dual car hoists with capacities from one to 3.3 tonnes from Alimak, Champion, Avro and Raxtar and operates throughout the San Francisco Bay area but has also carried out major projects in Nevada and Southern California.



## Mammoet to acquire ALE

British heavy lift specialist **ALE** and Dutch international heavy lift group **Mammoet** have confirmed that they are at an advanced stage of agreeing a deal in which Mammoet will acquire the British company.



## Kiloutou acquires Germany's M+S

French international rental group **Kiloutou** has acquired German rental company **M+S Arbeitsbühnen** from owner Frank Schniedermeier.

M+S is based near Paderborn in North Rhine Westphalia, where it operates from a new facility with plenty of room for further expansion. The



company is a member of the **System Lift** association of independent rental companies, employs 11 staff and runs a fleet of 110 aerial work platforms, telehandlers and trailer cranes including boom lifts, scissor lifts, trailer lifts and truck mounts with working heights to 35 metres.



The move is part of the Kiloutou's ongoing expansion in Germany which began in 2016 with the acquisition of Hamburg based **Starlift**, followed by the purchase of the Baden-Württemberg based **Butsch-Meier** group in May 2018 and Cologne based **GL-Rental** in July 2018.

## Briggs/Baloo acquires Highway Plant

**Briggs Equipment** has made another acquisition in Northern Ireland, acquiring the assets and ongoing trade of Belfast-based Highway Plant from the Houston family. The transaction has been carried out through **Baloo Hire Centres** which Briggs acquired in March and which reports into Briggs Ireland in Lisburn. Highway had assets in the region of £1.75 million according to the latest accounts on file. The company was founded by David Houston in 1983 and is managed by his daughter Julie Houston Smythe. We understand that the business will be absorbed into Baloo, while retaining key staff.



The company is based on a one acre site in Dunmurry from which the company runs an aerial work platform fleet from Boss push around lifts to the 125ft Genie S-125 and includes scissors, booms, spider lifts and AWP push around mast lifts.

## Haulotte UK opens new premises

Haulotte officially opened its new 3,500 square metre UK premises in Wolverhampton in late June with a series of events culminating with an open day.



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

# New Modulift products



Adjustable Modular Lifting Beam.

Spreader beam manufacturer Modulift has launched two new products, the Adjustable Modular Lifting Beam and the Trunnion Drop Link. The adjustable lifting beam offers the same flexibility and benefits as existing Modulift spreader beams but features multiple pad eyes so that the beam can be adapted to lift various weights and sizes. Three models are available - light up to 50 tonnes, medium up to 170 tonnes and heavy up to 240 tonnes. It has a maximum span of 19 metres and can be used either as a lifting beam or a semi spreader beam.

The Trunnion Drop Link is an alternative trunnion option that can be quickly attached to a sling. It requires one top shackle instead of two, allowing for safer and quicker sling attachment and is compatible with Modulift spreader beams from the MOD6 up to MOD110 with a capacity of up to 55 tonnes. It also works with flat webbing slings up to the MOD50 and wire rope and synthetic slings up to the MOD110.



Trunnion Drop Link.

# Sinoboom France launched

Sinoboom officially opened its wholly-owned subsidiary Sinoboom France last month with an Open Day at its premises in Tonneins in the south west of the country. The operation is headed by Daniel Duclos who has more than 30 years experience in the access industry starting with Delta where he developed and built one of the first mast booms in the late 1980s, selling out to Grove in 1998 before founding rental company Access Industrie, manufacturer ATN and more recently High-Rent rental company.



Daniel Duclos

The 2,000 square metre facility includes a showroom, paint shop and maintenance/service area with offices located nearby. The company has started with seven employees. Eight Sinoboom electric scissor models ranging from 12 to 46ft will initially be available in France, with additional models added in the near future including a mast boom.



Sinoboom officially opened its wholly owned subsidiary Sinoboom France last month with an Open Day at its premises in Tonneins.

# 1,100 new telehandlers for Ardent

UK rental company Ardent has ordered 1,100 JCB telehandlers for delivery over the next two years.

The order - worth £75 million - is the largest UK telehandler deal ever received by JCB and includes units from the 2,500kg/six metre 525-60 to the 5,500kg eight metre 550-80. Ardent is also adding more backhoe loaders, Rough Terrain forklifts and dumpers - all equipped with JCB's latest LiveLink telematics fleet management system. The company operates from 11 locations with a fleet of around 5,000 units and an average age of less than two years.



(L-R) Richard Telfer of dealer Watling JCB, Jeremy Fish of Ardent and Yvette Henshall-Bell of JCB

**JEKKO**

USER-FRIENDLIEST  
MINI CRANE EVER  
THE MOST  
ADVANCED  
STABILITY SYSTEM

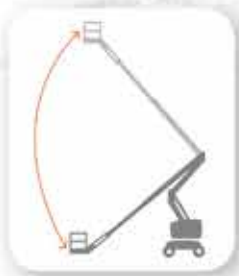
SPX532  
JEKKO  
MINICRANE

**SPX532**  
A NEW  
GENERATION  
OF CRANES

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

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

# SPEEDY REACH™



## DESIGNED FOR RENTAL

A combination of riser geometry and boom length allows operators on the SJ63 AJ and SJ85 AJ to cycle between max height and ground level quickly by engaging only the boom raise/lower function. This means fewer functions and less time to return to the original working position.

[www.skyjack.com](http://www.skyjack.com)

**SKYJACK**  
simply reliable

Wacker Neuson has appointed **Gert Reichetseder** as chief executive North America.



**Gert Reichetseder**

**Holger Haber** has been appointed area sales manager for **Grove** All Terrain cranes in northern Germany.

German sales and rental company **CT Kranservice** has taken delivery of a 220 tonne Demag AC 220-5 All Terrain crane.

**Haulotte** has started building new headquarter premises in Dandenong South, Australia, near Melbourne, Victoria.

US-based **Sims Crane** has appointed **Thomas Baldree** as vice president of operations for its utility division.



**Thomas Baldree**

Irish crane rental company **Wm. O'Brien** has become one of the first companies to gain ISO 45001 accreditation.

**WernerCo** has invested £1.1 million in robotics for its **BoSS** scaffold tower production at its facility in Maldon, UK.

**Haulotte USA** has appointed **Sean Ward** as South Eastern regional sales manager.



**Sean Ward**

Irish rental company **GPT** (Galway Plant & Toot) has placed an order for a large number of **Genie** boom lifts.

**Manitex** has appointed **Justin Wolfe** as South Central regional business manager for PM loader cranes.



**Justin Wolfe**

Spanish rental company **Transportes y Grúas Aguado** has taken delivery of four **Grove** GMK4100L-1 All Terrain cranes.

German rental company **Richard Rank Kran + Logistik** has taken delivery of a 100 tonne **Tadano** ATF 100G-4 All Terrain crane.



**Henrik Norrbom**

**Cramo** has appointed **Henrik Norrbom** as executive vice president, Scandinavia.

German rental company **Biberger Arbeitsbühnen** has taken delivery of three Magni 360 degree telehandlers.

**Dinolift** managing director **Petri Paavolainen** has left the company, chairman **Karin Nars** has taken over the role.



**Petri Paavolainen**



**Karin Nars**

**Brian Parker** of UK rental group **AFI** will cycle 326 miles from London to Compiègne to raise money for **Action Medical Research**.

Indonesian distributor **Metron** held an open day in Palembang, Indonesia, last week, with sister company **Probesco Kanamoto**.

UK rental company **JMS Powered Access** has taken delivery of six 43ft **Genie** GS-4390 propane powered scissor lifts.

US distributor **Walter Payton** has appointed **Vince Voetberg** sales manager Michigan.



**Vincent Voetberg**

**Doosan Bobcat** has appointed **Gustavo Otero** as president for Europe, the Middle East and Africa replacing **Alvaro Pacini** who moves to a global procurement role.



**Gustavo Otero**



**Alvaro Pacini**

**Mike Ballweber** has been appointed as North American president.



**Mike Ballweber**

German rental company **Scheurer Arbeitsbühnen** has taken delivery of a 33ft **Almac** Jibbi 1250 Evo self-levelling telescopic boom lift.

German rental company **Scholpp Kran & Transport** has taken delivery of two Demag All Terrain cranes.

**Manitowoc** has appointed **Select Fluid Power** and **Ring Power Crane** as new ENCORE partners for North America.

UK rental company **Upward Powered Access** has opened in the East Midlands.

**Skyjack** national account manager **David 'Dave' Arthur Lillquist** passed away on June 8<sup>th</sup> - he was 57.



**Dave Lillquist**

French electronic systems manufacturer **AMCS** technologies has teamed up with **Jaso** tower cranes on the construction of Amazon headquarters in Canada.

**Genie** has appointed Middlesbrough-based **MACS** (Mewps And Cherry Picker Services) as an Authorised Service Provider.

UK rental company **JMS** has taken delivery of the first lithium battery powered 32.6 metre **Hinowa** Lightlift 33.17 spider lift.

**Holland Lift** has appointed **Chris Kochheim** as managing director taking over from **Rik van Sonsbeek**.



**Chris Kochheim**

Poland's **HES Gdynia** has ordered a **Konecranes Gottwald G HMK 6508 B** Model 6 mobile harbour crane.

US-based **Empire Crane Company** has taken delivery of three 60 tonne **Demag AC 60-3** All Terrain cranes.

The international distribution arm of the **Ahern** group has officially opened its new operation in Ireland - **Ahern Ireland**.

**Niftylift** has appointed **JS-Multi Service** as its distributor for Finland.

An old harbour crane from the port of Avonmouth, UK, has found a new lease of life at the **Glastonbury Festival**.

Genoa's **Ponte Morandi bridge** has been demolished by explosives with the help of several 180 and 185ft booms.

**Spierings** has appointed **David Colombat** as sales manager for France.



**David Colombat**

The **Unic Spider Mini Cranes** division of South Africa's **B&B Group** has officially opened its new location in Edenvale, Johannesburg.

**Riwal UK** has opened its new state of the art depot in Hemel Hempstead, north of London.

UK access industry veteran **Jim Daintith** founder of **APS** has finally retired, leaving the company after an extended transition period.



**Jim Daintith**

China's **LGMG** has formally opened its N. American distribution facility in Chambersburg, Pennsylvania.

Ocean Maple, the **Jekko** spider and mini crawler crane dealer for China, has purchased 17 new spider cranes.

Italian rental company **Lombarda Noleggi** has taken delivery of a 52 metre **Palazzani XTJ 52+** spider lift.

Chilean sales and rental company **Trex** has taken delivery of six **Demag** All Terrain cranes.

UK rental company **L&N Platforms** has taken delivery of a 37 metre **Palfinger WT370** truck mounted platform.



**Christian Rheault**

US synthetic rope manufacturer **Samson** has appointed **Christian Rheault** as chief executive.

Aircraft maintenance and repair company **Turkish Technic** has taken delivery of 26 **Haulotte** aerial lifts.

UK rental company **Cannon Access** has taken the first six 13ft **Genie** GS-1330m electric micro scissor lifts to be delivered in the UK.



**Art Moore**

Access industry veteran and **Snorkel** founder **Art Moore** passed away on June 19<sup>th</sup>. He was 94.

US heavy trailer and crane dolly manufacturer **Talbert** has expanded its facility in Liberty, North Carolina.

Canadian rental company **Modern Crane** has taken delivery of a 300 tonne **Demag AC 300-6** All Terrain crane, the first in Canada.

**Liebherr Maritime** has launched the LiUP crane operator elevator for mobile harbour cranes.



**Pedro Torres**

Dutch international rental group **Riwal** has promoted **Pedro Torres** to chief executive.

German crane rental and heavy haulage company **Viktor Baumann** has taken a **Demag AC 45** City crane.

**Manitou España** opened its new headquarters facility in Alcalá de Henares, on the east side of Madrid.

**Terex Cranes** has appointed **Chris Johnson** as director for Rough Terrain and tower crane sales for North America, while **Manuel Vicuña Galarreta** will be responsible for the products in Central and South America.

Philippine utility company **Siemens Power Operations** has taken delivery of a 59ft **Haulotte HA20 RTJ** articulated boom lift.

UK rental company **Advanced Access Platforms** takes has ordered 26 **Niftylift** hybrid and bi-energy boom lifts.



**Andrew Fishburn**

**Snorkel** has promoted Snorkel UK managing director **Andrew Fishburn** to VP strategic accounts - Europe.

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



**“THE SHOW  
IS A CRITICAL  
PIECE TO OUR  
WORKFORCE  
DEVELOPMENT  
EFFORTS.”**



— JARRAD WHISSELL, WHISSELL CONTRACTING LTD.

**NORTH AMERICA'S LARGEST  
CONSTRUCTION TRADE SHOW**  
**CONEXPOCONAGG.COM**  
**MARCH 10-14, 2020 | LAS VEGAS, USA**



# Stopping the 'death wobble'

The popularity or not of some types of equipment in certain countries has always been a bit of a mystery. Why, for instance, does the UK prefer telehandlers and not the self-erecting tower crane so common in continental Europe? When it comes to pick & carry cranes we have several such cases. In North America the carry deck crane is king while in most of Europe the Italian deckless cranes carry the day. In Australia and New Zealand - and India for that matter - articulated pick & carry cranes rule the roost. The Indian cranes are probably popular for cost reasons while Australians go for more sophisticated and expensive road going products often referred to as Franna cranes named after the company that dominated the market for many years. However there are several other Australian manufacturers including Humma and TRT, both of which have recently launched new products.

The main feature of the 'Franna' crane is the central articulated frame and the absence of outriggers even on the larger models, which gives the crane the flexibility to get into tight spaces - even though they are quite long. This combined with a good road speed makes them popular particularly in areas where there may be many miles to travel

between jobs. They are similar to the Jones/Iron Fairy cranes that were hugely popular in the UK and a few other markets at one time.

The articulated crane while popular 'down under' has always had something of a reputation due to its instability, particularly when carrying a load and travelling on the road at speed. Many operators are able to share scary experiences



*The chassis on the new 55 tonne Humma 55 can be adapted to various configurations*



*The articulated crane has gained a reputation due to its instability*



about what they often refer to as a 'death wobble' that can occur following a high speed oversteer incident.

This was tragically highlighted around two years ago in a court case dealing with an incident in Toowoomba, Queensland in 2013 in which a mother and son died and two other children were injured when a new Terex Franna AT-20 travelling in the opposite direction fishtailed out of control and hit the car in which they were travelling. It turned out the crane had only been delivered just two weeks prior to the incident and was declared in perfect working order. However when travelling downhill at 80 to 95kph the crane began to 'wobble' or 'fishtail'. The driver tried to regain control, but it became increasingly unstable, swerving from side to side, before turning directly into traffic on the other side of the road, hitting the car. The coroner strongly recommended a new driving licence for articulated cranes, a 60kph maximum speed limit or 80kph if an automatic stability control system could be developed and greater training of operators.

"It is my view that these machines

need to be speed limited to 60kph and taken off high speed roads and highways," he said. "I am unable to make a finding as to whether an adapted electronic stability control system would have mitigated or prevented the incident, however I am of the view that further pursuit by Terex Australia into an electronic stability control device that can be retrofitted to their mobile articulated cranes is a worthwhile endeavour. I think the speeding limit is really important."

The more recent product introductions from Humma Cranes, TRT and Terex appear to have cured, or certainly improved the stability situation. Last year Humma launched a new chassis for the largest capacity articulating crane currently available - the 55 tonne Humma 55 - TRT's new 28 tonne Tidd PC28 includes the new Slew Safe feature and Terex's latest AT40 has a new hydro-pneumatic Intelligent Suspension.

## **New Humma chassis**

Humma - part of the DRA Engineering group - has been manufacturing pick & carry cranes since 1996. For the new chassis it teamed up with specialist commercial and special vehicle suspension systems company Hemscheidt Fahrwerktechnik and reworked the chassis to incorporate a new modular hydro-pneumatic suspension and damping system which can be adapted to various vehicle configurations. The system

was already used on construction, mining and special vehicles including firefighting appliances.

Peter Dalla Riva, divisional head of crane and engineering at Humma said: "There is strong interest in the crane from a number of industries outside the core markets of mining and heavy construction because of the improved use of the crane from the suspension and damping system. In contrast to steel suspension, the spring stiffness is not constant, but depends on the load on the gas spring. During loading and unloading, the hydro-pneumatic suspension system returns to its level position in fractions of a second. This provides safety and comfort for the driver, one of our key requirements for the suspension system. It is the beginning of a high-tech era in heavy duty pick & carry cranes. There is no technical reason why a 75 or 100 tonne model could not be built to meet market demand."

The smallest in the four model Humma range is the 20 tonne 20-25, with a 20.5 metre boom, which can handle 1,050kg at its maximum 17.2 metre radius through its full 42 degree of chassis articulation. An optional five metre telescopic jib extends the reach further.

### New 28 tonne Tidd

Australian crane distributor and manufacturer TRT (Tidd Ross Todd) recently launched a new articulated pick & carry crane, the 28 tonne Tidd PC28. The crane was unveiled at the company's Murarrie, Brisbane manufacturing plant last month and features a 6.1 to 18.6 metre three section full power main boom which can handle a maximum 28

tonnes on the base section lug hook, 27.6 tonnes on the hoist line, and pick & carry up to 25 tonnes with loads suspended from the lug hook attached to the top of the boom's mid-section. Maximum radius with the boom horizontal is 16 metres, at which it can handle 2,150kg.

The in cab LMI screen also shows the cranes articulation angle and calculates the side slope which is not only dependent on the ground but also the induced side slope which can be significant and includes tyre deflection and flex in the crane which increases as the boom lengthens. When moving on soft or uneven ground even a small pothole can cause a large increase in the side slope resulting in a possible overturn situation. The crane can operate on side slopes of up to eight degrees, although the capacities are significantly reduced as at that point the load is well outside the crane's footprint. According to TRT there are between 3,000 and 4,000 articulated cranes in Australia that do not have a dynamic load indicator which measures pitch and roll and then automatically reduce the available lift capacity. Most continue to use a 'firm level ground' load chart. The PC28 also has the option to engage the hold brake when lifting when stationary which increases the capacities by around 12 percent. A superlift type counterweight is also scheduled for introduction later in the year.

The crane's LMI also includes a new Slew Safe feature designed to minimise the risk of the crane toppling over when carrying a load on uneven surfaces. The system - which can also be retrofitted to the



The 25 tonne Humma UV25-25



The smaller 25 tonne TRT Tidd PC25 has a maximum tip height of 19.1 metres and is 2.5 metres wide

smaller 25 tonne Tidd PC25 - warns and restricts the operator before they get into trouble when lifting or carrying a load. The graphics on the dash mounted LMI screen informs them of the crane's situation using three colours - green, amber and red. When the crane is operated in the green and amber areas of the lifting chart, Slew Safe remains inactive. When the crane operation moves into red an overload notification activates the Slew Safe system. This drastically reduces the speed of steering, making it harder

to steer and with operator feedback through the wheel, the engine will 'load up' giving an audible sound change, an audible constant alarm both inside and outside the cab warns the operator and slinger/signaller and finally it will only allow the operator to move the steering wheel and machine back into the safe 'green' operation.

"There has been overwhelmingly positive feedback about the crane, with many commenting that the new level of safety available will



The Tidd PC28 features the new Slew Safe feature designed to minimise the risk of the crane toppling over when carrying a load on uneven surfaces



The Tidd PC28



**Terex's largest articulated crane - the AT40**



improve outcomes for operators and owners across construction, infrastructure and mining sites," says TRT country manager Stephen Dance. "The patented Slew Safe design is a significant new pick & carry safety feature. It is designed to minimise the risk of a crane rollover when lifting on uneven surfaces, a leading cause of articulating crane incidents. It provides the operator with feedback through the steering wheel that they can feel when the crane moves into an unsafe operating zone, and visually through the dynamic load moment indicator."

The PC28 weighs 23.9 tonnes including 2.3 tonnes of counterweight, with the weight distribution evenly split between the two axles. Overall width is 2.49 metres and height is just over three metres. The chassis is 7.5 metres long while the crane has an overall travel length from boom tip to rear bumper of 10.4 metres. Power is supplied by a six cylinder Mercedes diesel through an Allison six speed automatic transmission and Kessler high speed planetary axles with a differential lock on the front axle. Maximum road speed is 80kph. Other safety features of the PC28 include a higher operator position

for better visibility, better stability with the front hydraulic suspension, dynamic LMI with a deadlock switch inside the cab and bridging switch outside the cab, a ROPS cab with FOPS option, ABS brakes and a 150kg rated air suspension seats with three point integrated seat belts.

The smaller 25 tonne TRT Tidd PC25 has a maximum tip height of 19.1 metres, a wheelbase of 4.4 metres and is 2.5 metres wide. Like its bigger brother it has three step articulation, with 42 degrees maximum either side of centre and features the new Slew Safe system for maximum operational safety, side slope and steering articulation de-rating. It can also carry its own counterweight, uses an LSI Robway LMI System, has power steering and ABS braking.

### The original Franna

The original Franna articulated crane - named after founder Dave Francis and his daughter Anna - was developed in Brisbane in 1980. Terex acquired the company in 1999 and it continues to dominate the smaller end of the Australian crane rental market and in particular the pick & carry sector. The impending sale of Terex's Demag Crane division to Tadano should have little effect on

*The popular 25 tonne MAC 25-4 has an 18 metre hook height and can lift 1.8 tonnes at 15.7 metre radius*



Terex Franna in Australia as it will join the Terex Materials Processing business.

For many years the range comprised of three cranes from 10 to 25 tonnes however the current line-up has moved up the capacity range and now includes four models from 15 to 40 tonnes.

Its largest model - the 40 tonne AT40 - was launched in 2016 and unusually features a twin axle rear carrier rather than the single axle on most other articulated cranes. It has incorporated improved safety features such as unrestricted front visibility, a longer, lighter and stronger high tensile steel boom and a new hydro-pneumatic Intelligent Suspension for which the company has filed a patent application. It features a number of button-selectable settings such as a 'High Clearance' mode where the suspension is fully extended, increasing the rear ground clearance by 110mm, and 'Two axle' which during the crane mode the rear most axle can be raised to reduce turning circle and eliminate tyre drag.

The AT40 has a 19.8 metre main boom and can lift 40 tonnes at 1.2 metre radius on the base section

lug hook and 30 tonnes at two metres on the hook block. Despite its twin rear axles the crane is 10.7 metres long, 2.74 metres wide and 3.47 metres high. Articulation is 40 degrees either side of centre and road speed is 75 kph.

The smallest in the Terex AT range is now the 15 tonne AT 15-3 which can lift over a tonne at a 15.8 metres radius. Maximum hook height is 17 metres. The 22 tonne capacity AT 22 has the same hook height but can lift 1.7 tonnes at 15.8 metres radius, while the popular 25 tonne MAC 25-4 has an 18 metre hook height and can lift 1.8 tonnes at 15.7 metre radius. The crane also has a short three metre jib for a maximum tip height of 21.5 metres. Weighing just under 24 tonnes it has a maximum road speed of 75kph.

### Other pick & carry cranes

The last year or two has seen the introduction of several new and different types of pick & carry cranes including larger pedestrian type models and a trend towards more sophisticated styling.

### Valla V70R

Italian manufacturer Valla - now a division of Manitex - launched



*The Valla V70R has a maximum lift capacity of seven tonnes or one tonne at its maximum forward reach of 5.5 metres*



The compact Gruiverpal GB 300 working in a tight spot

the new front wheel electric drive, radio remote controlled V70R pick & carry crane at Bauma in April. In standard form and free on wheels the crane has a maximum lift capacity of seven tonnes or one tonne at its maximum forward reach of 5.5 metres. However the crane can carry an additional 1,800kg of counterweight, extend its wheelbase by 600mm and utilise a front stabiliser. When the longer wheelbase and stabiliser are used the maximum capacity increases 10 percent to 7.7 tonnes and the lift at maximum reach increases 40 percent to 1.45 tonnes. Using the maximum counterweight and stabiliser results in the same increased performance. The three section boom can also be lowered to 10 degrees below horizontal.

Overall weight of the pedestrian controlled crane is 7.2 tonnes. The hydraulic system is powered by an AC electric motor fed by a full duty cycle 80 volt 560Ah battery, which is fitted with an automatic water refill system. Options include hydraulic winch, manual and hydraulic jibs/extension, self-levelling forks and non-marking tyres.



GB 300

**Gruiverpal adds two**

If you attended Bauma this year might have spotted a more unusual range of pick & carry cranes from Italian company Gruiverpal Tranchero. Two new cranes were launched which may be of interest for those looking for something a bit different.

The GB 300 is a small, compact crane to lift and carry loads up to 300kg. Weighing just 950kg it uses a small electric motor to drive the single rear wheel. Measuring 1.4 metres long, 820mm wide and 1.6 metres high it has a maximum speed of 40 metres a minute and can travel up a three percent slope with its 300kg maximum load on the hook. Lifting heights range from as low as 200mm to 3.2 metres. It has a boom extension of just under two metres on which it can lift 180kg. An optional 150 degree boom slew feature is also available.



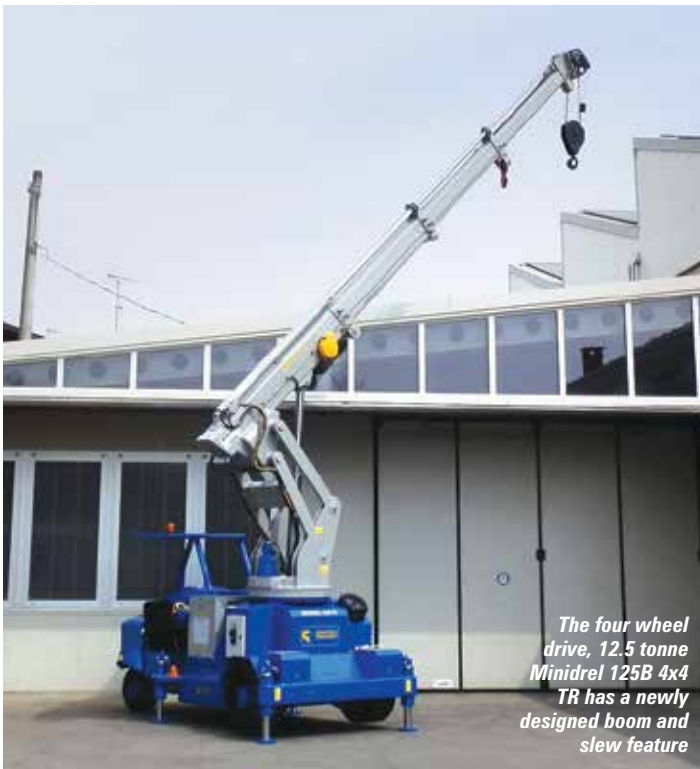
**DEFINITELY EASY TO TOW**

- 12 or 14 m working height and 200 kg lifting capacity, 360 ° turret rotation, no tail swing
- Only 3,10 long and compatible with quite all vehicles (B driving licence)
- Available also in 100% electric or hybrid version for in-town works

**X TRAILER**  
The most compact unit!

➤ SALI CON NOI ➤ CLIMB WITH US ➤ MONTE AVEC NOUS ➤ STEIGEN SIE MIT UNS AUF ➤ SUBE CON NOSOTROS ➤ ПОДНИМАЙТЕСЬ С НАМИ

www.officinecomet.com



The four wheel drive, 12.5 tonne Minidrel 125B 4x4 TR has a newly designed boom and slew feature

Its second new crane is the electric, four wheel drive 12.5 tonne Minidrel 125B 4x4 TR. With a newly designed boom and slew feature the company claims that it can lift 40 percent more than other cranes of a similar size. Overall weight is 12.6 tonnes and it has a footprint of 3.61 by 1.85 metres. Maximum lift height is 7.2 metres and maximum working radius is six metres.

**Ormig 30 iE**

Bauma also saw the introduction of the 30 tonne capacity electric

powered Ormig 30iE. The compact crane measures 2.1 metres wide, 2.29 metres high and 4.65 metres from front to rear of the chassis. Overall weight is 19 tonnes and four double wheels give additional stability. Maximum lift height is 12 metres and it can lift 4.8 tonnes at its maximum forward reach of eight metres.

**JMG continues to expand**

Italian manufacturer JMG has produced all electric pick & carry cranes for the past five years and



JMG sold County Lifting in the UK this 35 tonne MC350 with jib, winch, 16 tonne forks, radio remote and front stabilisers

has 25 models in three families - regular, cab or pedestrian operation via remote controls - with maximum capacities up to 70 tonnes. The company has enjoyed some strong growth since it was established in late 2009 by ex-Valla general manager Maurizio Manzini along with Emilio Berti.

The company has doubled its production over the past four years and now sells its products worldwide - it recently shipped a new 25 tonner to Australia while its 35 tonne MC350 has sold more than 20 units so far. Last year the company says it sold 124 cranes and had revenues of €18 million, up from €14 to €15 million in 2017.

**India's tractor cranes under threat?**

As mentioned at the beginning of the article, the popularity or not of some types of equipment in certain

countries has always been a bit of a mystery. We mentioned how Australia and New Zealand have a preference for the articulated crane, but India is another country that has several manufacturers of articulated tractor based cranes that are hugely popular, mainly due to their low price and simplicity. Notoriously dangerous, they were initially designed for simple pick & carry duties around factory yards and on small construction jobs but have increased in size and range of use. Even some of the most sophisticated projects such as massive new mass transit/metro systems being built all over India use dozens of these handy little cranes. However they are typically operated by unskilled, untrained operators and used for applications for which they are not totally suited. Rarely a week goes by when we do not hear of one tipping over



Ormig launched the 30 tonne electric 30iE at Bauma



The articulated tractor-based cranes are hugely popular in India



# FIVE-AXLE SUPREMACY.

## The longest boom on five axles.

With the longest boom and high capacities combined with a small footprint and excellent maneuverability, the new GMK5250XL-1 pushes past boundaries.

- Longest boom, highest-rated capacity and best load chart in its class
- Transmission with VOITH water retarder or optional VIAB turbo retarder clutch for premium maneuverability
- Most operator comfort and convenience in its class
- Quickest set-up times
- Crane Control System (CCS) with graphic display and jog dial

## NEW GMK5250XL-1

- Capacity: 250 t
- Main boom: 78,5 m
- Maximum jib: 33,8 m
- Maximum tip height: 115 m
- Engine: Mercedes Benz 390 kW  
Euromot 5/ Tier 4 final

■ Put power and performance to work for you.  
To learn more, contact your local Grove dealer today, or go to [www.manitowoc.com](http://www.manitowoc.com)

# HIGHER CAPACITY. LOWER OPERATING COSTS.

**POTAIN**<sup>®</sup>  
by **Manitowoc**



## NEW MDT 809

Load capacity: **Up to 40 t**

Jib length: **80 m**

**NEW:** 8 m cross base design performs like a 10 m chassis, allowing 75 m height under hook

Equipped with Crane Control System (CCS)

Engineered for easy logistics and cost-effective transport in 11 containers

The new Potain MDT 809 offers maximum lifting capacity while lowering operating costs.

- 40 t capacity, the largest of any topless crane
- Fastest 40 t tower crane assembly in the industry
- All the benefits of a topless crane that can fit easily on a large multi-crane jobsite

> Contact your Potain dealer today.  
[www.manitowoc.com](http://www.manitowoc.com)

**CraneSTAR**<sup>®</sup>  
Diag

## pick & carry cranes C&a

during a lift or running off the road and killing people. JCB took a look at this market in the mid 2000s and introduced a product line in 2009 that it called the Liftall, with a range that included the 1202, the 1253 and 1554 offering a far better build quality and more safety features than many of the products sold at that time. Sales were largely limited to the Indian market at which it was aimed. JCB decided to stop manufacturing these cranes about four years ago.

However the thinking among some telehandler manufacturers such as Manitou is that with the right pricing and a simpler product many of the buyers of these smaller cranes might switch to telehandlers.

The use of telehandlers for pick & carry jobs previously carried out by industrial cranes has been growing steadily in both Europe and the USA, both for construction, mining, industrial plants and agriculture. Telehandler sales outside of these regions are minuscule and most of that will be to Australia and New Zealand. There is a feeling though that this might be about to change, with growing interest in emerging markets such as Asia, Africa and the Middle East.

Manitou, which acquired the Terex construction business and manufacturing plant in India in 2017, recently unveiled a new range of back to basics telehandlers at an event in Phuket, Thailand. Plans are that they will be manufactured in the region. It believes that the two new models will help change many customer's buying decisions away from tractor cranes towards

telehandlers. The fact that a range of high capacity and long reach 360 degree telehandlers is now available is also having an impact on the lower end of the crane market.

### A new world order

Laurent Bonnaure, Manitou group executive vice president in charge of global sales and marketing spoke recently to Cranes & Access about the new back to basic telehandler range, Asian production and thoughts on the future of telehandlers in emerging markets.

"The world is changing with a progressive but rapid shift in economic power and none more so than in the emerging markets," he said. "India and China will soon have a combined population of more than three billion people. China - currently the second largest economic power in the world - will soon become the largest, while India is expected to become the third largest overtaking Japan by 2030 and is expected to become the second largest by 2050. India is also set to invest more in construction than the US over the next five years. It is clear these markets, coupled with the Middle East and Africa, are set to explode and this is going to result in huge potential for our products."

But are they ready to adopt telehandlers over more conventional methods of work such as small pick & carry cranes?

"The numbers of telehandlers we have sold up until this point have been to high-end or international customers with niche requirements. Where we have suffered is that even once we have convinced a customer of the benefits of the product the deal tends to fall down on price. The European made machines can be too sophisticated and costly for these markets - especially when compared to cranes, wheel loaders and direct labour."

Manitou's new telehandler basic models



*Manitou believes that European made telehandlers are too sophisticated and costly when compared to the tractor cranes and direct labour*



*Manitou's new telehandler basic models have been specifically designed to be simple, robust and cost effective*

have been specially designed to meet the local working environments and conditions encountered in Asia, Africa, the Middle East as well as parts of Eastern Europe. They have been specifically designed to be simple, robust and perhaps more importantly - cost effective.

"Our dealers have been asking for a simple and safe workhorse," says Bonnaure. "They want a robust machine for severe, intensive and demanding working conditions, one that can handle 1,500 to 2,500 hours a year - to put that in context machines in Europe and the US average around 300 to 600 hours! Built to a cost, everything was designed to ensure robustness, reliability and ease of use."

Manufactured at the company's production facility in Asia - most likely India - Manitou claims that the new models will cost up to 20 percent less than their western equivalents, with that gap possibly widening if production volumes exceed current forecasts.

"This is the first time we have designed, manufactured and launched a new product outside of Europe and the US. We wanted to get closer to the customers and having a localised product was crucial."

With the right product at

the right price, Bonnaure believes they are now in a position for the first time to compete with other products on the market.

"The addressable market for us is currently made up of cranes, wheel loaders and direct labour. It is virtually untapped for telehandlers which probably makes up less than one percent of the market of mobile lifting equipment. In the past, the price difference was putting us way out of this market, however we believe with a significant cost reduction we feel it will be much more acceptable and competitive with other machines. The global market for small mobile cranes in these emerging markets is worth around \$1.6 billion - in India and China alone it represents 25,000 machines. Clearly there is a market, one which is already captured, but one in which we have a strong card to play with the launch of our new telehandler range."



*The new 17 metre/four tonne Manitou MXT 1740*





# ULTRA COMPACT



## MERLO P27.6 A NEW BENCHMARK FOR COMPACT TELEHANDLERS

The Ultra Compact P27.6 has been developed as a high performance, compact telehandler designed primarily to get into small spaces, without losing the comfort or safety of a larger machine. The P27.6 boasts an impressive maximum lifting capacity of 2.7 tonnes with a 6.1 metre placement height. Having the same spacious cab as its larger counterparts offers easy access, impressive space and visibility making the P27.6 perfect for the construction sector. All models include hydrostatic transmission as standard for precision of drive at a max speed of 40km/h.



Excellent  
Cab Comfort



Maximum visibility  
in every direction



Maximum Capacity  
at full forward  
reach 1000kg



Hydrostatic  
transmission  
with two power  
levels

# FIT TO BE compact

Introducing an all-new Snorkel scissor lift with a revolutionary design. The **Snorkel S3019E** self-propelled electric scissor lift features a sunken scissor stack that stows entirely inside the chassis for a low step-in height. A low stowed height can pass through doorways without the need for folding guardrails. This zero-emission lift stacks the deck with all-electric two-wheel drive and electric steering that eliminate hydraulic hoses.



FOR MORE INFORMATION CALL  
Snorkel™ at +44 (0) 845 1550 057  
or visit [www.snorkellifts.com](http://www.snorkellifts.com)

**Snorkel™**

# Low level access...and mast booms

The availability and use of low level powered access equipment has ballooned in recent years, ranging from the basic push around battery powered scissor lifts and manually powered products to micro self-propelled lifts. At the same time the use of mast booms - mostly with 10 metre working heights - has also grown steadily. The mast boom has a decent amount of outreach at up and over heights of around eight metres from a very compact base and is ideal for the more awkward work at height tasks in an industrial environment. We take a look at some of the products that are particularly good for industrial and maintenance work.

Traditional scheduled annual factory shutdowns are becoming less common as many of these maintenance and repair tasks are carried out throughout the year - while the facility is operational - often over weekends and through the night, in part due to the availability of products like mast booms. The fact that they are mostly battery powered allows them to work indoors with zero emissions and minimal noise.

Work at lower levels has been typically viewed as simple, routine tasks and can therefore often be left/forgotten until the last minute, resulting in a lack of planning and all too often the use of inappropriate/unsafe equipment or methods. The trusty ladder is ideal for so many low level duties, however it is not the most convenient for work that involves both hands over any length of time. When used for such work, simple tasks can become dangerous and time consuming. Many smaller contractors/builders working on domestic properties or smaller industrial units all too often eschew the use of specialist low level equipment typically citing additional costs and the hassle of organising or renting the equipment. However this cost is insignificant compared to the cost of dealing with a height related incident, not to mention the extra labour costs involved with the use of less efficient methods.

Accident figures just released from the UK's HSE for 2018/19 reveal that falls from height were responsible for 40 of the 111 fatalities recorded. Unsurprisingly agriculture/forestry, construction and manufacturing are the three most dangerous sectors accounting for almost two thirds of all fatalities. Despite the number of high profile safety campaigns raising the awareness of the dangers of working at height and promoting safer and more efficient alternatives, many are still prepared to take the



**C&A** low level access



The 14ft MX1430 is 760mm wide, 1.49 metres long and weighs 810kg

risk rather than organise the right equipment for the job. We regularly feature 'Death Wish' reports on Vertical.net which highlight far too many companies and individuals flirting with danger by not using the correct equipment. Admittedly the worst examples are by those who only occasionally work at height and tend to be smaller builders, 'one-man bands' and the smaller industrial and commercial facilities.

## New introductions

The past year has seen more evolution than major developments but almost every manufacturer continues to improve and refine their models in order to increase performance and safety.

A name that has been involved with low level access equipment since the 1940s is UpRight, although it has not been used for powered access over the past five years. However it has just been reintroduced on a range of four

small scissor lifts by aluminium scaffolding tower manufacturer Instant UpRight. These include the 13ft MX1330 push around scissor lift and three self-propelled models - the 14ft MX1430, 19ft MX1930 and 26ft X2632 - all of which feature direct electric wheel motor drive, a high standard specification and a high commonality of parts and components. In addition to the scissor lifts the company has launched the ML3330 - a 33ft single person, AWP type push around mast lift.

In 2009 Upright Powered Access - then part of Tanfield - was the first international access equipment manufacturer to launch a range of push around scissor lifts with its three model 'PAX' range - the PAX6, 8 and 10 with working heights of 3.7, 4.3 and 4.9 metres, all with 240kg platform capacity. UpRight was rebranded as Snorkel in 2010, which was then acquired by Don



Far too many companies and individuals flirt with danger by not using the correct equipment

Ahern in 2013, while UpRight continued to produce aluminium scaffold towers and low level non powered equipment under the Instant UpRight brand.

The new UpRight products are built



The new UpRight products are built by Mantall and badged by Instant UpRight.

by Mantall and badged by Instant UpRight hence they are not actually newly designed models. The 13ft MX1330 push around is larger than the original lifts having a six metre working height and weighing 565kg, although the 240kg platform capacity is the same. Platform size is 1.15 metres long by 760mm wide, it has a stowed height of 1.94 metres and is powered by a 12 volt/100 Ah battery. Of the new self-propelled range, the 14ft MX1430 has an overall width of 760mm, an overall length of 1.49 metres and weighs 810kg and features a good standard specification. It has a 240kg platform capacity with 100kg on the 550mm platform extension. The MX1930 may remind some of our older readers of the original



UpRight MX19 that helped kick off the micro scissor revolution back in 1994, although as with other machines in the size range it now weighs over 1.5 tonnes - 1,540kg to be precise - and has an overall stowed length of 1.85 metres. Overall width is 770mm, overall stowed height with guardrails up is 2.13 metres and platform capacity is 230kg with 115kg on the 900mm platform extension which extends the overall platform length to 2.54 metres.

While the new platforms are manufactured in China, they will be available from stock held at a new European warehouse and distribution hub in Venlo, the Netherlands operated in partnership with Seacon Logistics. The facility will also stock a full range of replacement parts, along with the company's range of tower related products and will be home to a technical help desk. A further technical support team will be based at the company's Dublin headquarters and manufacturing facility. The company says it will initially focus on the European and Asian markets selling to small and



The original Power Tower has been upgraded and is now available as the Power Tower Duo in JLG livery

medium sized rental companies, end users and dealers looking for an alternative choice of provider.

### JLG Power Towers

Another company that was in near the start of the 'low level access' revolution is Power Towers, launching its original Power Tower machine in 2007. The company was acquired by JLG in 2015 and was, until this year, run as a separate entity. This is now beginning to change as the range is broadened and becoming more 'integrated'

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

**FALCON FS 330Z Vario**

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

**FALCON LIFTS**

falconlifts.com



The Eco and Peco lift are now available in ATEX approved versions

with JLG. This is particularly visible with the swap from its traditional blue livery to a new JLG low level access colour scheme of orange and grey. Since acquiring Power Towers, JLG says it has doubled machine sales in this market particularly in the USA.

The original product from the company has been upgraded and is now available as the Power Tower Duo version equipped with stabilisers for a two person platform capacity along with an outdoor rating. It has a working height of 5.1 metres, an increased platform

capacity of 250kg, an overall width of 780mm and an overall length of 1.6 metres. Weight is 396kg, 54kg more than the regular Power Tower, mainly due to the addition of four stabilisers and attachment lugs which permit the two person rating. Power Towers has also just launched ATEX approved versions of the Eco and Peco lift allowing use in potentially hazardous areas. They are also available in an offshore version with a three stage galvanisation and paint process.

**The rise of the micro scissors**

In the scissor lift feature we ran in last month's C&A we talked about the fact that the low level push around scissor lifts have become very popular in an increasing number of countries, thanks to them being simple, inexpensive, compact and lightweight - about 350kg.

However for many users, the inability to relocate the machine without returning to ground level is a major issue, so drive technology has been added to many of them to create low level, ultra-light self-propelled platforms. However for those looking for a little more

working height, a new breed of 'micro scissors' and mast type lifts have sprung up between the push around scissor lifts and the classic 19ft self-propelled mini scissor. At the same time several mast type lift manufacturers - including Skyjack, Snorkel and Haulotte - have introduced larger versions with 16ft and even 20ft versions plugging another gap in the market.

**Genie's GS-1330m**

Genie's new entrant into this sector is the 13ft GS-1330m with direct DC electric drive. Made at Genie's plant in China, it has 5.9 metres of working height, weighs 890kg, has a 227kg platform capacity with 460mm deck extension for an extended deck length of 1.72 metres. Overall width is 780mm, overall length 1.4 metres and it can be driven at full height. As on the Genie GS-1932 the scissor stack is centred under the extended platform helping improve platform rigidity especially when using the deck extension. While it will fit into most standard one tonne passenger elevators - especially with the steps removed - it is slightly heavier than the smaller micro scissor lifts with



**FROM 5.2 METRES TO THE 20th FLOOR.**

**BOSS X3X**

Whatever work needs to be done indoors at height, it's easier to do with an X3X push-around scissor lift from BoSS.

Compact and lightweight enough to take in a standard passenger lift, its box-section scissor construction provides incredible stability, up to a safe working height of 5.2 metres, and a tilt sensor with alarm gives users additional peace of mind.

**BOSS X-SERIES: BUILT FOR THE GREAT INDOORS**



Available in the UK and Ireland exclusively from APS  
 For product information call 01480 891251  
 email [sales@accessplatforms.co.uk](mailto:sales@accessplatforms.co.uk)  
 or visit [www.accessplatforms.co.uk](http://www.accessplatforms.co.uk)





The GS-1330m has a 5.9 metre working height, weighs 890kg and has a 227kg platform capacity



Boss X3X weighs 370kg



The MEC 1330SE has a six metre working height

push around genetics.

The new machine complies fully with ANSI, CE and ISO standards and is said to be selling exceptionally well with European sales already topping 750 units with the first production units delivered in May. The GS-1330m has most, if not all the features of its larger brothers, including swing out service trays, active pothole protection and Genie's Smart Link control system with onboard machine adjustments and diagnostics.

**JLG goes Light**

JLG also unveiled three light weight electric scissor lifts as concept models at Bauma China in November. These include the 15ft ES1530L available either on wheels or tracks and the 13ft ES1330, both of which are based on the company's ES line of direct electric drive scissor lifts.

The ES1330 and ES1530L have platform capacities of 227kg, with the ES1330 weighing 830kg, while the two 15ft models are just 900kg. Overall length for all three is 1.43 metres with overall widths of 760mm for the wheeled versions and 780mm for the tracked model.

All three have 550mm platform extensions.

The new generation of micro scissors are all fairly similar in terms of performance, which is why an increasing number of buyers are looking on them as generic products.

Haulotte does not have any push around or micro scissor lifts in its current range yet, although at Intermat last year it showed two prototypes - a push around and micro self-propelled scissor lift - but there is no indication whether or when these will be put

into production. The self-propelled model had a working height of five metres, a 200kg platform capacity and overall weight of 580kg. It also measures 1.5 metres by 750mm wide, with an overall height of 1.8 metres. The physically smaller push around has a working height of 3.8 metres, a platform capacity of 240kg and an overall weight of 270kg. It is relatively compact with an overall length of 1.2 metres, an overall width of 750mm, with a stowed height of 1.74 metres.

However if weight is critical and you do not need six metres working



Haulotte showed these two low level prototypes at Intermat last year - a push around and a self propelled

height and could make do with up to 5.2 metres, the Power Lift Duo, Snorkel S3010E and the Boss X3X are the ones to choose. Lightest of them all is the push around Boss - at 370kg - less than half the weight of the micro scissors. If it has to be self-propelled the S3010E at 495kg is also much lighter than the full spec'd micro scissors. It is also the shortest at 1.26 metres. The downside of all these lifts is the lack of a deck extension but as mentioned above, planning is the key to successfully completing work at height and requirements such as weight, working height and reach should be identified early to make sure the right equipment arrives on site to do the job.



The self propelled Snorkel S3010E weighs just 495kg

**How the new Genie and JLG 1330s compare with a random selection of competitors?**

Make Model	Genie GS-1330m	MEC 1330SE	JLG* 1330L	Haulotte Star 6	Power Tower Duo	Snorkel S3010E	Boss X3X	UpRight MX1430
Work height	5.9m	6.0m	5.8m	5.8m	5.1m	5.0m	5.2m	6.4m
Capacity	227kg	240kg	227kg	230kg	250kg	227kg	240kg	240kg
Weight	880kg	860kg	830kg	835kg	396kg	495kg	370kg	810kg
Extension	460mm	600mm	550mm	400mm	-	-	-	550mm
Length	1.4m	1.5m	1.43m	1.4m	1.6m	1.26mm	1.41m	1.49m
Width	780mm	760mm	760mm	890mm	780mm	770mm	760mm	760mm
Power/push	Power	Power	Power	Power	Push	Power	Push	Power

\*Currently a concept machine

**Mast booms**

The popularity of the mast boom continues to grow as users further appreciate their ability to work over obstacles, with decent outreach and compact base dimensions. As can be seen from the table below, they offer working heights from 8.1 to 15 metres with outreaches from 2.6 to eight metres. With greater outreach now possible they are becoming an increasingly popular alternative to smaller industrial articulated booms such as a Manitou 120 AETJ-C and Genie Z33/18.

# THERE'S A NEW CHOICE IN LOW-LEVEL ACCESS

Available to order from stock  
direct from Instant UpRight



**INSTANT**  
**UpRight**

[www.instantuprightlifts.com](http://www.instantuprightlifts.com)



For more information, visit  
our website or contact the  
Instant UpRight sales team at:  
[info@instantuprightlifts.com](mailto:info@instantuprightlifts.com)



The 10.2 metre ELV VM10-J

The mast boom continues to be most popular in France - where it originated - but sales in many other countries have been growing significantly and now are the lift of choice for many industrial maintenance tasks.

As its popularity - and sales - have increased, more manufacturers have entered the sector and where in the early days there were perhaps four major producers - JLG with its Toucan range, Haulotte with its Star models, ATN and Manitou - the number now has more than doubled and includes Snorkel, Airo, Genie, Dingli, Mantall, ELS, Hematec and Sinoboam. As can be seen, the

Chinese manufacturers have already targeted this type of lift and there are several branded products from China. Genie brands the Manitou manufactured mast booms.

Despite the growth in the number of products offered in recent years most mast booms are very similar in size and performance. Some key differences include hydraulic or direct electric wheel drive, and whether they have active or passive pothole protection, the latter providing greater ground clearance when travelling in the stowed position.

JLG bought into the sector in 2004 when it acquired the Toucan range

from Grove Manlift, which in turn acquired it from Delta System which had taken the concept from Lift-A-Loft which made customised models for major industrial plants such as Caterpillar.

It almost certainly remains the market leader, although competition is a great deal tougher these days. Its current range runs to 12.65 metres working height and 6.7 metres outreach at an up and over height of more than seven metres. It also has two lighter weight regular models - the 8E-L and the 10E-L. The 10-EL offers very similar performance to the regular 10 metre model but is around 12 percent lighter.

French manufacturer ATN - now owned by Fassi - is another well-



The popularity of the mast boom continues to grow as users further appreciate their ability to work over obstacles, with decent outreach



The Hematec Helix 1205 has a 12 metre working height and 5.15 metre outreach



Dingli AMWP11.5-8100

established French manufacturer and is the only one to stock machines on tracks. It should also be noted that while all the other manufacturers have a total of almost 360 degrees of slew, some ATN machines only offer 220 degrees, while the Mantall/GMG only offer 120 degrees - 60 degrees either side of centre.

Some of the more interesting products to emerge in recent years come from German manufacturer Hematec. Although it has been producing machines since 1995 most of the products have been sold in small volumes in its home market. However over the past few years it has expanded the range, increased production volumes and began exporting more equipment over a wider geographic area.

Hematec also produces the mast

boom with the greatest working height currently available, the 15 metre Helix 1508 also has the most outreach at eight metres. Naturally it is also the heaviest mast boom at almost eight tonnes. Both the 1508 and the 1205 on which it is based, are the only machines that can reach below ground level which may or may not be useful depending on the application. At Bauma it launched its latest model the 10 metre Helix 1004XL which features platform rotation and 300kg capacity with four metres of outreach. The extra capacity is significant in that most other mast booms are limited to around 200kg.

Sinoboam is another Chinese aerial work platform company that has stepped into the mast boom market, joining Dingli and Mantall. Formed in 2008 it has grown steadily each year since then and last year claims to have sold almost 8,000 platforms. It also claims to be China's fastest growing aerial work platform manufacturer with a domestic market share of 13.7 percent. Internationally it is not as strong with just 1.8 percent share of Chinese aerial lift exports, however this looks set to change with the appointment of more international dealers particularly in Europe. It currently has just a single mast boom model - the 10.3 metre GTTZ10EJ - available for the home market but has indicated that it will be making it available in Europe.

Sinoboam GTTZ10EJ





# DESIGNED

WITH THE JOBSITE IN MIND



**NOT YOUR TYPICAL SCISSOR LIFT.**



LIGHTWEIGHT



CONSTRUCTION READY



COMPACT



HEAVY DUTY

**HY-BRID LIFTS**  
BY CUSTOM EQUIPMENT LLC

FOR MORE INFORMATION CONTACT US TODAY 262-644-1300 // [WWW.HYBRIDLIFTS.COM](http://WWW.HYBRIDLIFTS.COM)

Make	Model	Working height	Outreach	Weight	Capacity	Wheels tracks	Slew Degrees
Airo	V8E	8.1m	3.3m	2,720kg	200kg	Wheels	355
	V10E	9.86m	3.3m	2,770kg	200kg	Wheels	355
ATN Pifaf	880R	8.80m	3.36m	2,600kg	200kg	Wheels	220
	1000R	10.04m	3.46m	2,980kg	200kg	Wheels	220
	1100R	10.92m	3.74m	3,280kg	200kg	Wheels	220
	10RE	9.92m	3.51m	2,850kg	200kg	Wheels	356
	12RE	11.83m	5.10m	4,350kg	200kg	Wheels	352
	13RE	12.65m	6.05m	5,140kg	200kg	Wheels	352
	810	8.13m	3.0m	2,200kg	200kg	Tracks	220
	1010	10.05m	3.35m	2,780kg	200kg	Tracks	220
	12E Max	12.65m	6.0m	5,140kg	200kg	Wheels	352
Dingli	AMWP11.5-8100	11.2m	3.0m	2,950kg	200kg	Wheels	345
ELS	VM10-J	10.2m	3.15m	2,800kg	200kg	Wheels	350
Genie	GR-20J	7.7m	2.75m	2,250kg	200kg	Wheels	350
	GR-26J	9.85m	2.65m	2,650kg	200kg	Wheels	350
GMG	VM26-J	10.0m	3.15m	2,905kg	200kg	Wheels	120
Haulotte	Star 8	8.7m	3.0m	2,585kg	200kg	Wheels	345
	Star 10	10.0	3.0m	2,677kg	200kg	Wheels	345
Hematec	Helix 1004XL	9.7m	4.0m	3,900kg	300kg	Wheels	355
	Helix 1205	12.0m	5.15m	4,800kg	200kg	Wheels	359
	Helix 1508	15.0m	8.0m	7,720kg	200kg	Wheels	359
JLG	T8E Toucan	8.2m	2.65m	2,100kg	200kg	Wheels	345
	Toucan 8E-L	8.2m	2.65m	1,860kg	200kg	Wheels	345
	T10E Toucan	10.10m	3.38m	2,980kg	200kg	Wheels	345
	Toucan 10E-L	10.10m	3.38m	2,600kg	200kg	Wheels	345
	Toucan 12E	11.83m	5.1m	4,300kg	200kg	Wheels	345
	Toucan 12E Plus	12.65	6.7m	4,900kg	200kg	Wheels	345
Mantall	IMP-80J	8.0m	3.15m	2,800kg	200kg	Wheels	120
	IMP-100J	10.0m	3.15m	2,870kg	200kg	Wheels	120
Manitou	80VJR	7.65m	3.25m	2,250kg	200kg	Wheels	350
	100VJR	9.85m	3.15m	2,650kg	200kg	Wheels	350
	90 V'Air	9.0m	2.04m	2,710kg	230kg	Wheels	350
Sinoboom	GTTZ10EJ	10.3m	3.3m	2,678kg	200kg	Wheels	-
Snorkel	MB20J	8.1m	2.6m	2,590kg	215kg	Wheels	360
	MB26J	9.8m	3.0m	2,660kg	215kg	Wheels	360



HLS Hugo lift



Toucan 8E-L

# Dinosaur installation

Three Haulotte Star 10 mast booms from UK rental company AFI have been at the heart of the installation of a 13 metre high, 155 million year old dinosaur skeleton, which towered over the check-in area of Heathrow's Terminal 5. In total, AFI supplied seven machines - a combination of electric scissors and mast and boom lifts - including a Niftylift HR12 and three Skyjack SJ4626 scissors, all of which helped assemble the beast over two nights.

AFI's major projects team was briefed by the Heathrow contractor on what was required and the location within the Terminal and was asked to recommend the right machines for the job. A spider lift was originally considered but limitations and restrictions on the site brought the team down on the side of mast booms.

The skeleton was displayed at the airport for two months until June and was then dismantled and returned to France to be sold at auction with the fossil expected to fetch £2 million. 'Skinny' as he is called, is a cousin of the Diplodocus and has yet to be given a scientific name. He is 13 metres long, eight metres high including the base and has about 90 percent of his original bones.



Three Haulotte Star 10 mast booms have been at the heart of the installation of a 155 million year old dinosaur skeleton, at Heathrow's Terminal 5

# POWER TOWERS LOW-LEVEL ACCESS...

...Lets you get  
on with the job.

When specifying a Power Towers' product you're safe in the knowledge that you're choosing the most innovative, efficient low-level access products available, offering huge productivity gains.

Designed and manufactured in the UK, all Power Towers products come with high specifications as standard. Features overlooked by other manufacturers, we build in as standard, leaving you to just get on with the job.

**Power Towers - you're in safe hands.**

**NEW PRODUCT**  
Power Tower Duo.  
First 2 man low-level  
access machine.



**POWER  
TOWERS**  
■ Low-level Powered Access  
a JLG company

Power Towers Limited, 0116 200 1757 | [powertowers.com](http://powertowers.com)





## THE NEXT LEVEL OF ACCESS

The new CPL - KLUBB Group aerial platforms allow you to combine technical performance, safety and low maintenance cost.

Our aerial work platforms are used to answer many business applications like access hirers, electrical contractors, CCTV/Security, arborists, highway contractors, utilities - DNO, utilities contractors, local authorities, facilities maintenance, telecoms, signage, roofing contractors, finance providers.

To stay closer to your needs, we offer more than 30 models of new aerial platforms mounted on all types of carriers. Take a look at the van mounted range, truck mounted range and pick-up mounted range.

Our expertise leads us to guide you in selecting the most judicious model for your business.

For more information contact us

[www.cpl-ltd.com](http://www.cpl-ltd.com)

Tel: +44 (0)1536 529876

Email: [info@cpl-ltd.com](mailto:info@cpl-ltd.com)



DISCOVER THE FULL RANGE OF INNOVATIONS AT:

[www.cpl-ltd.com](http://www.cpl-ltd.com)



# cranes & access dealer guide

# 2019

- Cranes
- Aerial work platforms
- Telehandlers
- Lifting gear
- Loader cranes
- Components & Accessories
- UK/Ireland



[www.vertikal.net](http://www.vertikal.net)

### HEAVY LIFT CRANES/EQUIPMENT

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
ALE Engineering	UK	ALE	01889 272500	ALE	+44 1889 272 500	www.ale-heavylift.com
Bigge	USA	Direct	+1 888 337 2444	Direct	+1 888 337 2444	www.bigge.com
Deep South	USA	No Distribution	+1 225 753 4371	No Distribution	+1 225 753 4371	www.deepsouthcrane.com
Demag	Germany	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Lampson	USA	Direct	+1 509 586 0411	Direct	+1 509 586 0411	www.lampsoncrane.com
Liebherr	Germany	Liebherr GB	01767 602100	Liebherr GB	+44 1767 602100	www.liebherr.co.uk
Mammoet	Netherlands	Mammoet UK	01912 620550	Mammoet UK	+44 1912 620550	www.mammoet.com
Manitowoc	USA	Manitowoc UK	01280 818830	Manitowoc UK	+44 1280 818830	www.manitowoc.com
Sarens	Belgium/USA	Sarens UK	01642 621621	Sarens Ireland	057 87 40 944	www.sarens.com

### MOBILE CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Altec	USA	Aldercote	01482 22377	Aldercote	+44 1482 22377	www.aldercote.com
Bailey Cranes	USA	Direct	+1 262 710 4028	Direct	+1 262 710 4028	www.baileycranes.com
Bencini - Cams	Italy	No Distribution	+378 0549 988111	No Distribution	+378 0549 988111	www.camsind.com
Broderson	USA	Direct	+1 913 888 0606	Direct	+1 913 888 0606	www.bmccranes.com
Demag	Germany	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
EuroRigo	Italy	Direct	+390 4568 61500	Direct	+390 4568 61500	www.rigo.com
Franna	Australia	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Galizia	Italy	GGR Group	01844 202071	GGR Group	+44 1844 202071	www.ggrgroup.com
Grove	Germany	Manitowoc UK	01280 818830	Irlequip	+353 9064 48877	www.manitowoc.com
GT Cranes	Italy	Direct	+39 0175 79301	Direct	+39 0175 79301	www.gruniverpal.com
Hidrokon	Turkey	Hidrokon UK	+44 7535 597001	Hidrokon UK	+44 7535 597001	www.hidrokon.com
Hematec	Germany	Alfa Access Services	0800 193 0045	Alfa Access Services	+44 8001 930 045	www.alfa-access-services.com
Horyong	South Korea	Direct	+82 63 540 5555	Direct	+82 63 540 5555	www.horyong.co.kr
Humma Cranes	Australia	Direct	+61 89417 2300	Direct	+61 89417 2300	www.hummacranes.com.au
JMG	Italy	Direct	+39 0523 8486	Direct	+39 0523 8486	www.jmgcranes.it
Kato	Japan	Rivertek Services	01543 685161	Rivertek Services	02143 85342	www.rivertekservices.com
Liebherr	Germany	Liebherr GB	01767 602100	Liebherr GB	+353 458 7650	www.liebherr.co.uk
Lift Systems	USA	Claxton International	01244 661000	Claxton International	+44 1244 661000	www.claxtoninternational.co.uk
Lige	Italy	Direct	+39 0523 8486	Direct	+39 0523 8486	www.jmgcranes.it
Link-Belt	USA	NRC Plant	01375 361616	NRC Plant	+44 1375 361616	www.nrcplant.co.uk
Lissmac	Germany	Direct	+49 7564 3070	Direct	+49 7564 3070	www.lissmac.com
Liugong	China	Liugong Europe	+48 501 802 802	Liugong Europe	+48 501 802 802	www.liugong.com
Locatelli	Italy	No Dealer	+390 3549 45066	No Dealer	+39 035 494 5066	www.locatellircrane.eu
Manitex	USA	No Dealer	+1 512 942 3000	No Dealer	+1 512 942 3000	www.manitex.com
Manotti	Italy	No Dealer	+390 5229 65590	No Dealer	+390 5229 65590	www.manotti.eu
Marchetti	Italy	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Ormig	Italy	Crowland Cranes	01733 210561	Crowland Cranes	+44 1733 210561	www.crowlandcranes.com
Rigo	Italy	Direct	+390 4568 61500	Direct	+390 4568 61500	www.rigo.com
Sany	Austria	Palfinger Sany	+43 662 46840	Palfinger Sany	+43 662 46840	www.palfinger-sany.com
Sennebogen	Germany	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Spierings	Netherlands	Spierings Kranen	+31 4126 97777	Spierings Kranen	+31 4126 97777	www.spieringskranen.nl
Tadano	Germany/Japan	Tadano UK	0870 066 5466	Tadano UK	+44 870 066 5466	www.tadano.co.uk
Terex/Demag	Germany/Italy	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
TRT	Australia	Direct	+61 73890 8800	Direct	+61 73890 8800	www.trtaustralia.com.au
Valla	Italy	Hird	01482 227333	Hird	+44 1482 227333	www.hird.co.uk
XCMG	China	Direct	0086 516 87739218	Direct	+44 086 516 87739218	www.xcmg.com
Zee Crane	USA	Direct	+1 800 698 8388	Direct	+1 800 698 8388	www.zeeecrane.com
Zoomlion	China	Crowland Cranes	01733 210561	Crowland Cranes	+44 1733 210561	www.crowlandcranes.com

### CRAWLER CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
BG Lift	Italy	Alfa Access Services	0800 193 0045	Direct	+39 045 626 0100	www.alfa-access-services.com
Fushun	China	Direct	+36 1584 131 3033	Direct	+36 1584 131 3033	www.cnfuwa.com
Fuwa	China	Direct	+36 1584 131 3033	Direct	+36 1584 131 3033	www.cnfuwa.com
Hitachi-Sumitomo	Japan	NRC Plant	01375 361616	NRC Plant	+44 1375 361616	www.nrcplant.co.uk
IHI	Japan	AGD Equipment	01789 292227	Rivertek	0 214 385342	www.rivertekservices.com
Jekko	Italy	JT Cranes	01767 677155	JT Cranes	+44 1767 677155	www.jtcranes.co.uk
Kiesel	Denmark	Direct	+45 24 44 86 88	Direct	+45 24 44 86 88	www.kiesel.dk
Kobelco	Japan	Kobelco Cranes Europe	01342 301122	Kobelco Cranes Europe	+44 1342 301122	www.kobelco-cranes.com
Komac	South Korea	Direct	+82 2761 0880	Direct	+82 2761 0880	www.komac.co.kr
Liebherr	Germany	Liebherr GB	01767 602100	Liebherr GB	0458 76 50	www.liebherr.co.uk
Link-Belt	USA	NRC Plant	01375 361616	NRC Plant	+44 1375 361 616	www.nrcplant.co.uk
Maeda	Japan	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Mait	Italy	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Manitowoc	USA	Manitowoc UK	01280 818830	Manitowoc UK	+44 1280 818830	www.manitowoc.com
Mantis	USA	Tadano UK	0870 066 5466	Tadano UK	+44 870 066 5466	www.tadano.co.uk
Marchetti	Italy	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Palfinger	Austria	Palfinger UK	01380 722381	Palfinger UK	+44 1380 722381	www.palfinger.co.uk
Sany	China	Palfinger Sany	+43 662 46840	Palfinger Sany	+43 662 46840	www.palfinger-sany.com
Sennebogen	Germany	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Sunward	China	GGR Group	01844 202071	GGR Group	+44 1844 202071	www.ggrgroup.com
TCM	Italy	Direct	+39 0875 752076	Direct	+39 0875 752076	www.tcmsrl.net
Terex/Demag	Germany	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
TGT	Germany	Direct	+49 5903 2179631	Direct	+49 5903 2179631	www.tgt-teupen.de
XCMG	China	Direct	0086 516 87739218	Direct	+44 086 516 87739218	www.xcmg.com
Zoomlion	China	Crowland Cranes	01733 210561	Crowland Cranes	+44 1733 210561	www.crowlandcranes.com

### LOADER CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Amco Veba	Italy	Tip N Lift	01473 747222	Tip N Lift	+44 1473 747222	www.tipnlift.co.uk
Atlas	Germany	Atlas Cranes UK	08444 996688	Sleator Plant	+44 2890 844251	www.atlas-cranes.co.uk
Benelli Gru	Italy	Direct	+39 522 969 756	Direct	+39 522 969 756	www.benelligru.it
Co.M.eT	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
Copma	Italy	Wanted	+39 0546 653 711	Wanted	+39 0546 653 711	www.copma-cranes.com
Cormach	Italy	Ernest Doe & Sons	01206 871881	Hydraweld	01458 0402	www.ernestdoe.com
Effer	Italy	Martin Williams Hull	01482 897607	Lambe Engineering	05793 55736	www.martinwilliamshull.co.uk
Effer Marine	Italy	Preferred Marine Cranes	01467 632975	Preferred Marine Cranes	+44 1467 632975	www.preferredmarine.com
Fassi	Italy	Fassi UK	01926 889779	Fassi UK	+44 1926 889779	www.fassi.co.uk
Ferrari	Italy	Direct	+39 522 486 311	Direct	+39 522 486 311	www.filiferrari.it
GAL	Greece	Seeking Dealer	+302 3107 66980	Seeking Dealer	+302 3107 66980	www.gal.gr
Hiab	Sweden	Hiab UK	01691 623100	Cahir House Machinery	05274 41300	www.hiab.com
Hidrokon	Turkey	Hidrokon UK	07535 597001	Hidrokon UK	+44 7535 597001	www.hidrokon.co.uk
HMF	Denmark	HMF UK	01733 558145	HMF UK	+44 1733 558145	www.hmf.dk
Horyong	South Korea	Direct	+82 63 540 5555	Direct	+82 63 540 5555	www.horyong.co.kr
Hyva	Netherlands	Hyva UK	0161 776 6600	Hyva UK	+44 161 776 6600	www.hyva.co.uk
Kennis	Netherlands	Hyva UK	0161 776 6600	Hyva UK	+44 161 776 6600	www.hyva.co.uk
KLM	Italy	Bluelift	+39 5417 56872	Bluelift	+39 5417 56872	www.bluelift.it
Marchesi	Italy	Tip N Lift	01473 747222	Tip N Lift	+44 1473 747222	www.tipnlift.co.uk
Maxlift	Italy	Ernest Doe & Sons	01206 871881	Direct	+39 0522 963 039	www.ernestdoe.com
MKG	Germany	Truck Hyd. Services	01530 510101	MKG	+49 421 321 406	www.mkg-export.com
MPG	Turkey	Danish Crane Import Group	0045 2949 4455	Danish Crane Import Group	0045 2949 4455	www.mpg.com.tr
Next Hydraulics	Italy	Ernest Doe & Sons	01206 871881	Direct	+39 0522 963 039	www.ernestdoe.com
Palfinger	Austria	Palfinger UK	01380 722381	Palfinger Ireland	05793 52525	www.palfinger.co.uk
Penny Hydraulics	UK	Penny Hydraulics	01246 811475	Penny Hydraulics	+44 1246 811475	www.pennyhydraulics.com
Pesci	Italy	HCM Hydraulics	01639 711345	HCM Hydraulics	+44 1639 711345	www.hcm.uk.com
PM	Italy	Central Hydraulic Loaders	01827 283344	Joseph Bennett and Sons	05786 25245	www.pmcraanet.co.uk
Smart Crane	Italy	TCM	+39 0875 752076	TCM	+39 0875 752076	www.tcmsrl.net
Tirre	Germany	Harsh UK	01759 372100	Harsh UK	+44 1759 372100	www.harshuk.com
Toimil	Spain	Coastal Hydraulics	+353 87 225 1525	Coastal Hydraulics	087 225 1525	www.toimilgruas.com
World Power Erkin	Turkey	Direct	+90 5413 712932	Direct	+90 5413 712932	www.worldpower.com.tr

## TOWER CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Arcomet	Belgium	Skyline Arcomet	01708 860534	Skyline Arcomet	+44 1708 860534	www.skylinearcomet.com
Artic Cranes	Sweden	City Lifting	01708 805550	City Lifting	+44 1708 805550	www.citylifting.co.uk
BBL Cranes	Germany	Direct	+49 68979 830820	Direct	+49 68979 830820	www.bbl-baumaschinen.de
Benazzato	Italy	Rossa Consulting	020 8528 1411	Rossa Consulting	+44 20 8528 1411	www.rossainternational.com
Cattaneo	Italy	Weaving Machinery	01386 49155	Weaving Machinery	+44 1386 49155	www.weavingmachinerycranes.net
Cleaver Crane	Italy	Wanted	+39 2908 48689	Wanted	+39 2908 48689	www.gelcogru.com
Cobra	Switzerland	Direct	+41 2667 51530	Direct	+41 2667 51530	www.cobra-crane.com
(Comedit) Terex	Italy	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Comansa	Spain	City Lifting	01708 805550	City Lifting	+44 1708 805550	www.citylifting.co.uk
Dalbe	Italy	Direct	+39 03316 68425	Direct	+39 03316 68425	www.grudalbe.com
FB Gru	Italy	Crane Hire East Anglia	02077 949494	Northern Lift Trucks	+28 9267 3111	www.cranehireeastanglia.co.uk
FM Gru	Italy	Mantis Cranes	0845 3098158	Mantis Cranes Ireland	07491 49981	www.mantiscranes.ie
Galco Cleaver Crane	Italy	Wanted	+39 290 848 689	Wanted	+39 290 848 689	www.gelcogru.com
GP Autolift	Italy	Direct	+39 0331 1820275	Direct	+39 0331 1820275	www.gpautolift.com
Jaso	Spain	Falcon Crane Hire	01362 821048	Falcon Crane Hire	+44 1362 821048	www.falcon-crane-sales-hire-uk.com
Jost	Germany	London Tower Cranes	+44 (20) 8953 7800	London Tower Cranes	+44 (20) 8953 7800	www.londontowercranes.co.uk
Kroll Cranes	Denmark	Direct	+45 4818 7400	Direct	+45 4818 7400	www.krollcranes.dk
Liebherr	Germany	Liebherr GB	01767 602100	Liebherr GB	0458 76 50	www.liebherr.co.uk
Linden Comansa	Spain	City Lifting	01708 805550	City Lifting	+44 1708 805550	www.citylifting.co.uk
Lux Cranes	Germany	MTI-Lux SA	+352 2674 5480	MTI-Lux SA	+352 2674 5480	www.mti-lux.com
Mantis	Ireland	Mantis Cranes	0845 3098158	Mantis Cranes Ireland	07491 49981	www.mantiscranes.ie
Montarent	Netherlands	Ladybird Crane Hire	01527 889889	Ladybird Crane Hire	+44 1527 889889	www.ladybirdcranehire.co.uk
MTI	Germany	MTI-Lux SA	+352 2674 5480	MTI-Lux SA	+352 2674 5480	www.mti-lux.com
Potain top slew	France	Manitowoc UK	01280 818830	Electrogen	01825 1644	www.potain.com
Potain self erectors	France	Ladybird Crane Hire	01527 889889	Electrogen	01825 1644	www.potain.com
Raimondi	Italy	Bennetts Cranes	01453 811754	Irish Crane and Lifting	0643 3722	www.tower-crane.co.uk
Recom Moritsch	Italy	Direct	+39 04371 840396	Direct	+39 04371 840396	www.moritsch.it
Saez	Spain	London Tower Cranes	020 832 74060	London Tower Cranes	+44 20832 74060	www.londontowercranes.co.uk
San Marco	Italy	Direct	+39 032 282 601	Direct	+39 032 282 601	www.sanmarco-int.com
Spierings	Netherlands	Spierings Kranen	+31 4126 97777	Spierings Kranen	+31 4126 97777	www.spieringskranen.nl
Terex (tower)	Italy	Select Plant Hire	01322 732 732	Select Plant Hire	+44 (0)1322 732 732	www.selectplanthire.com
Terex (Self erector)	Italy	Skyline Arcomet	01708 860534	Skyline Arcomet	+44 1708 860534	www.skylinearcomet.com
Vicario	Italy	Kevin Guy Plant Hire	01282 861166	Kevin Guy Plant Hire	44 1282 861166	www.kevinguyplanthire.com
Wilbert	Germany	Direct	+49 6707 6668 1263	Direct	+49 6707 6668 1263	www.wilbert.de
Wolffkran	Germany	HTC Wolffkran	01709 559668	HTC Wolffkran	+44 1709 559668	www.htcplant.com
Yongmao	China	London Tower Cranes	020 832 74060	London tower Cranes	+44 20832 74060	www.londontowercranes.co.uk
Zoomlion	China	Crowland Cranes	01733 210561	Crowland Cranes	+44 1733 210561	www.crowlandcranes.com

## SPIDER CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
BG Lift	Italy	Alfa Access Services	0800 193 0045	Direct	+39 045 626 0100	www.alfa-access-services.com
Böcker	Germany	Böcker UK	01384 476580	Böcker UK	+44 1384 476580	www.boecker-group.com/uk
Brennero Gru	Italy	Alfa Access Services	0800 193 0045	Direct	+39 335 5763906	www.alfa-access-services.com
Cormidi	Italy	GGR Group	01844 202071	GGR Group	+44 1844 202071	www.ggrgroup.com
Hoeflon	Netherlands	Foster Cranes	01299 253610	Foster Cranes	+44 1299 253610	www.fostercranes.co.uk
Jekko	Italy	JT Cranes	01767 677155	JT Cranes	+44 1767 677155	www.jtcranes.co.uk
Kegiom	Italy	No Dealer	+39 0143 822 031	No Dealer	+39 0143 822 031	www.kegiom.com
Kiesel	Denmark	Direct	+45 24 44 86 88	Direct	+45 24 44 86 88	www.kiesel.dk
Maeda	Japan	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Palazzani	Italy	TCA Lifting	0845 603 5360	TCA Lifting	+44 845 603 5360	www.poweredaccess.com
Penny Hydraulics	UK	Penny Hydraulics	01246 811475	Penny Hydraulics	+44 1246 811475	www.pennyhydraulics.com
Reedyk	Netherlands	Promax Access	01226 716657	Promax Access	+44 1226 716657	www.promaxaccess.com
Riebsamen	Germany	No Dealer	+49 7582 791	No Dealer	+49 7582 791	www.riebsamen.de
R&B Engineering	Japan	Direct	+81 3919 2218	Direct	+81 3919 2218	www.rbe.co.jp
UNIC	Japan	UNIC Cranes Europe	01844 202071	GGR Group	+44 1844 202071	www.uniccranes.com
Van Bouwel	Netherlands	Direct	+32 3369 6981	Direct	+32 3369 6981	www.vanbouwel-kranen.be

## TRAILER/ALUMINIUM CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Böcker	Germany	Böcker UK	01384 476580	Böcker UK	+44 1384 476580	www.boecker-group.com/uk
Emminghaus	Germany	Direct	+49 5264 64640	Direct	+49 5264 64640	www.emminghaus.de
Klaas	Germany	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Paus	Germany	Hoist and Crane Services	02036 379527	Hoist and Crane Services	+44 20363 79527	www.hoistandcrane.co.uk
Paus (elevator hoists)	Germany	Hoist and Crane Services	02036 379527	Hoist and Crane Services	+44 20363 79527	www.hoistandcrane.co.uk

The M2I-4WDS has revolutionised the use of static self-erecting tower cranes by mounting a Potain MA-2I tower crane on a mobile chassis to give the user unrivalled manoeuvrability around the building site.

Montarent

makes lifting easier

### Features of the M2I-4WDS Crane:

- Hydraulic outriggers
- 4-wheel steering and 4-wheel drive
- Can be moved quickly and easily
- Well suited to modern off-site construction methods / keep up with the rapid construction system
- Complete standalone capability - runs off own super-silent generator

### Ladybird Cranes -

newly appointed Montarent dealer for UK



Ladybird Cranes T: +44 (0)1527 889898

E: info@ladybirdcranesales.co.uk

[www.ladybirdcranesales.co.uk](http://www.ladybirdcranesales.co.uk)

T: +31(0)251 218188

E: info@montarent.nl

[www.montarent.nl](http://www.montarent.nl)

## VEHICLE MOUNTED LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
ACM	Australia	Seeking Dealer	+61 3 9357 7524	Seeking Dealer	+61 3 9357 7524	www.australiancrane.com.au/
Ascendant Access	UK	Ascendant Access	01914 879933	Ascendant Access	+44 1914 879933	www.ascendantaccess.com
Aldercote	UK	Aldercote	01482 222377	Aldercote	+44 1482 222377	www.aldercote.com
Altec	USA	Aldercote	01482 222377	Aldercote	+44 1482 222377	www.altec.com
Anderson Hydra Platforms	USA	Direct	001803 366 8195	Direct	001803 366 8195	www.inspectabridge.com
Barin	Italy	Direct	+39 4959 71300	Direct	+39 4959 71300	www.barin.it
Benelli gru	Italy	Direct	+39 522 969756	Direct	+39 522 969756	www.benelligru.it
BG Lift	Italy	Alfa Access Services	0800 193 0045	Direct	+39 045 626 0100	www.alfa-access-services.com
Bizzocchi	Italy	CTE UK	01162 866743	CTE UK	+44 1162 866743	www.ctelift.com
Böcker	Germany	Böcker UK	01384 476580	Böcker UK	+44 1384 476580	www.boecker-group.com/uk
Bronto Skylift	Finland	Ian James	07884 497267	Ian James	+44 7884 497267	www.bronto.fi
Bronto Fire Platforms	Finland	Angloco	01924 441212	Angloco	+44 1924 441212	www.angloco.co.uk
Cautrac	UK	Direct	01206 273111	Direct	+44 1206 273111	www.cautrac.com
Cela	Italy	Alfa Access Services	0800 193 0045	Direct	+39 3098 84084	www.alfa-access-services.com
CMC	Italy	Tracked Spider Sales	08432 896515	Tracked Spider Sales	+44 8432 896515	www.trackedspidersales.co.uk
Co.M.eT	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
CTE	Italy	CTE UK	01162 866743	CTE UK	+44 1162 866743	www.ctelift.com
Cushman	USA	Direct	+1 7067 984311	Direct	+1 7067 984311	www.cushman.com
Easy Lift	Italy	Aerial and Handling Services	01737 844896	Aerial and Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
France Elevateur	France	No Dealer	+33 3832 33132	No Dealer	+33 3832 33132	www.fe-group.com
GSR	Italy	GSR UK	07436 301355	GSR UK	+44 7436 301355	www.gsrspa.it
Hydro-Grubert	Argentina	Not distributed - Palfinger	+54 3571 421500	No Dealer	+54 3571 421500	www.hydrogrubert.com
Hidrokon	Turkey	Hidrokon UK	07535 597001	Hidrokon UK	+44 7535 597001	www.hidrokon.co.uk
Horyong	South Korea	Direct	+82 63 540 5555	Direct	+82 63 540 5555	www.horyong.co.kr
Iscali	Italy	SkyKing	01480 891251	SkyKing	+44 1480 891251	www.skyking.co.uk
Klaas	Germany	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Klub	France	CPL	01536 529876	CPL	+44 1536 529879	www.cumberlanduk.co.uk
Movex	Spain	Seeking Dealer	+34 9384 93777	Seeking Dealer	+34 9384 93777	www.movexlift.com
Multihog	UK	CPL	01536 529876	CPL	+44 1536 529879	www.cumberlanduk.co.uk
Multitel Pagliero	Italy	Multitel UK	07554 934243	Multitel UK	+44 7554 934243	www.pagliero.com
Niftylift	UK	Niftylift	01908 223456	Niftylift	+44 1908 223456	www.niftylift.com
Nostolift	Finland	Direct	+358 4002 44040	Direct	+358 4002 44040	www.nostolift.fi
Oil&Steel	Italy	Direct	+39 059 936811	Cherry Picker	+353 1835 4788	www.oilsteel.com
Pagliero	Italy	Direct	+39 01752 55211	Direct	+39 01752 55211	www.pagliero.com
Palfinger Platforms	Germany	SkyKing	01858 467361	SkyKing	+44 1858 467361	www.kingtrailers.co.uk
Palfinger Platforms Italia	Italy	CPL	01536 529876	CPL	+44 1536 529879	www.cumberlanduk.co.uk
PC Produzioni	Italy	Direct	+39 0599 121211	Direct	+39 0599 121211	www.socage.it
Ruthmazoni	Germany	Access Sales International	08718 714284	Access Sales International	+44 8718 714284	www.asionline.co.uk
Sky Aces	Italy	Direct	+39 535 730027	Direct	+39 535 730027	www.skyaces.eu
SkyKing	UK	Direct	01858 467361	Direct	+44 1858 467361	www.kingtrailers.co.uk
Socage	Italy	Direct	+39 0599 121211	Direct	+39 0599 121211	www.socage.it
Talleres Velilla	Spain	Seeking Dealer	+34 9384 93777	Seeking Dealer	+34 9384 93777	www.movexlift.com
Tecchio	Italy	Wanted	+39 4299 0648	Wanted	+39 4299 0648	www.tecchio srl
Terex Utilities	USA	CPL	01536 529876	CPL	+44 1536 529 876	www.cumberlanduk.co.uk
Time	USA	Versalift UK	01536 721010	Versalift UK	+44 1536 721010	www.versalift.co.uk
Versalift	UK	Versalift UK	01536 721010	Versalift UK	+44 1536 721010	www.versalift.co.uk

## SCISSOR LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
AB Lift	Germany	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Access-Zipper	UK	Access Industries	01442 874534	Access Industries	+44 1442 874534	www.accessequipment.net
Aichi	Japan	Aichi Sales Office	+31 162 431543	Aichi Sales Office	+31 162 431543	www.aichi.eu
Airman	Japan	Direct	+81 2569 35571	Direct	+81 2569 35571	www.airman.co.jp/en
Airo	Italy	Aerial & Handling Services	01737 844896	Aerial & Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
Alarina	Spain	Direct	+34 950 315643	Direct	+34 950 315643	www.alarina.es
Almac	Italy	Direct	+39 0375 83 35 27	Direct	+39 0375 83 35 27	www.almac-italia.com
ATN	France	Direct	+33 553 798 320	Direct	+33 553 798 320	www.atnplatforms.com
Bravi	Italy	Direct	+39 071 7819090	Direct	+39 071 7819090	www.rival.com
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
Eastman Heavy Machinery	China	Fontexx Cranes & Access	+31 4977 26926	Fontexx Cranes & Access	+31 4977 26926	www.fontexx.com
Eazzi Lift	UK	R2 Access Platforms	07799 118462	R2 Access Platforms	+44 7799 118 462	www.r2access.com
Eddielift	UK	Edmolift	01440 730640	Edmolift	+44 1440 730640	www.edmolift.co.uk
Edmolift	UK	Edmolift	01440 730640	Edmolift	+44 1440 730640	www.edmolift.co.uk
ELS Lift	Turkey	Euro Mechanical Handling	01698 746158	Direct	+90 224 221 30 90	www.emhandling.co.uk
Faraone	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
Genie	USA	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
GMG	China	Direct	00 805 303 2066	Direct	00 805 303 2066	www.globalmachineryinc.com
Goman	China	Direct	+86 2784 855127	Direct	+86 2784 855127	www.gomanlift.cn
HAB	Germany	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Haulotte	France	Haulotte UK	01216 199753	Haulotte UK	+44 1216 199753	www.haulotte.co.uk
Holland Lift	Netherlands	AJ Access	01291 421155	AJ Access	+44 1291 421155	www.accessplatforms.com
Hy-Brid - Custom Equipment	USA	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Instant UpRight	Ireland	Instant UpRight	+353 162 09300	Instant UpRight	0162 09300	www.instantupright.com
Itaco/Imer	Italy	Direct	+39 0577 973457	Direct	+39 0577 973457	www.imergroup.com
JCB	China/India	JCB	01889 590312	JCB	+44 1889 590312	www.jcb.co.uk
JLG	USA-Belgium	JLG UK	01616 541000	Access Platform Sales	+44 1480 891251	www.jlgeurope.com
JCHI	China	Wanted	+86 10615 39210	Wanted	+86 10615 39210	www.jchic.com
Kreitzler	Germany	Direct	+49 23026 98418	Direct	+49 23026 98418	www.kreitzler.de
Leguan	Finland	Central Platform Services	01977 643595	Central Platform Services	+44 1977 643595	www.cpslift.com
LGMG	China	LGMG Europe	+31 85 064 2777	LGMG Europe	+31 85 064 2777	en.lgmg.com.cn
Liftlux	Belgium	JLG UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Liugong	China	Liugong Europe	+48 501 802 802	Liugong Europe	+48 501 802 802	www.liugong.com
Manitou	France	Manitou UK	01202 825331	Manitou UK	+44 1202 825331	www.uk.manitou.com
Mantall	China	Wanted	+86 18962 821283	Wanted	+86 18962 821283	www.mantall.en.china.cn
Magni	Italy	Magni UK	08442 645900	Magni UK	+44 8442 645900	www.magnith.com
MEC	USA	APS	01480 891251	APS	+44 1480 891251	www.accessplatforms.co.uk
Mieve	Spain	Direct	+34 9798 08036	Direct	+34 9798 08036	www.mieve.es
Nagano	Japan	Dutch Crane Factory	+31 623 478 889	Direct	+31 623 478 889	www.dutchcrane.nl
Noblift	China	Noblift Europe	+49 9401 607930	Noblift Europe	+49 9401 607930	www.noblifteurope.com
Omegap	Holland	Direct	+31 174 525990	Direct	+31 1745 25990	www.omegaplatforms.nl
Oxley Group	Italy	Direct	+39 171 857036	Direct	+39 1718 57036	www.oxley.es
PB Lifttechnik	Germany	Direct	+49 9077 95000	Direct	+49 9077 95000	www.pb-arbeitsbuehnen.de
PLE	UK/USA	Snorkel UK	0845 1550 057	Snorkel	+44 845 1550 057	www.snorkellifts.co.uk
Pop-Up Products	UK	Pop-Up Products	01244 833933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Power Towers	UK	Power Towers	01162 001757	Power Towers	+44 1162 001757	www.powertowers.co.uk
Sinoboom	China	Seeking Dealer	+86 731 8711 6222	Seeking Dealer	+86 731 8711 6222	www.sinoboom.com
Skyjack	Canada	Skyjack UK	01691 676235	Skyjack UK	+44 1691 676235	www.skyjack.com
Snorkel	UK/USA	Snorkel UK	0845 1550 057	Ahern Ireland	01588 1040	www.snorkellifts.co.uk
Tadano	Germany	Direct	+81 33621 7750	Direct	+81 33621 7750	www.tadano.co.jp
Yamei	China	AJ Access	01291 421155	AJ Access	+44 1291 421155	www.accessplatforms.com
Youngman/Boss	Taiwan	APS	01480 891251	APS	+44 1480 891251	www.accessplatforms.co.uk
Zoomlion	China	Direct	+86 73188 99340	Direct	+86 73188 99340	en.zoomlion.com

## TRAILER MOUNTED LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Bi-Jax	USA	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Böcker	Germany	Böcker UK	01384 476580	Böcker UK	+44 1384 476580	www.boecker-group.com/uk
Co.M.eT	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
Custers	Holland	Hi-Lift Access	01623 474154	Hi-Lift Access	+44 1623 474 154	www.hi-lift.co
Denka	Germany	Rothliehner	+49 8724 96010	Rothliehner	+49 8724 96010	www.rothliehner.de
Dinolift	Finland	Central Platform Services	01977 643595	Central Platform Services	+44 1977 643595	www.cpslift.com
Emminghaus	Germany	Direct	+49 5264 64640	Direct	+49 5264 64640	www.emminghaus.de
Europelift	Hungary	Direct	+36 209 474767	Direct	+36 209 474767	www.europelift.com
Genie	USA	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
Haulotte	France	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Hydro-Grubert	Argentina	Not distributed	+54 3571 421500	Not distributed	+54 3571 421500	www.hydrogrubert.com
JLG	USA-Belgium	JLG UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Klaas	Germany	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Matlisa	Spain	Hi-Lift Access	01623 474154	Seeking Dealers	+34 976 294547	www.matlisa.es
Niftylift	UK	Niftylift	01908 223456	Niftylift	+44 1908 223456	www.niftylift.com
Ommelift	Denmark	Ommelift UK	+45 7534 1300	Ommelift Ireland	+45 7534 1300	www.ommelift.com
Paus	Germany	Hoist and Crane Services	02036 379527	Hoist and Crane Services	+44 2036 379527	www.hoistandcrane.co.uk
PLE	USA	Direct	+1 605 763 2945	Direct	+1 605 763 2945	www.portableliftequipment.com
Snorkel	UK/USA	Snorkel UK	0845 1550 057	Ahern Ireland	01588 1040	www.snorkellifts.co.uk



## SELF-PROPELLED BOOM LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
AB Lift	Germany	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Aichi	Japan	Aichi Sales Office	+31 162 490000	Aichi Sales Office	+31 162 490000	www.aichi.eu
Airo	Italy	Aerial and Handling Services	01737 844896	Aerial and Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
Almac	Italy	Malcolm Kitt	07712 128610	Malcolm Kitt	+44 7712 128610	www.almac-italia.com
ATN	France	Direct	+33 553 798 320	Direct	+33 553 798 320	www.atnplatforms.com
Cautrac	UK	Direct	01206 273111	Direct	+44 1206 273111	www.cautrac.com
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
Dinolift	Finland	Central Platform Services	01977 643595	Central Platform Services	+44 1977 643595	www.cpslift.com
Dutch Crane Factory	Netherlands	Pfeifer Heavy Machinery	+31 5444 63114	Pfeifer Heavy Machinery	+31 5444 63114	www.pfeifermachinery.com
ELS Makine	Turkey	Euro Mechanical Handling	01698 746158	Direct	+90 224 241 30 90	www.emhandling.co.uk
Genie	USA	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
GMG	China	Direct	00 805 303 2066	Direct	00 805 303 2066	www.globalmachineryinc.com
Haulotte	France	Haulotte UK	01216 199753	Haulotte UK	+44 1216 199753	www.haulotte.co.uk
Hematec	Germany	Alfa Access Services	0800 193 0045	Direct	+49 351 8975 500	www.alfa-access-services.com
Imer	Italy	NEG Services	07974 572172	Direct	+39 0577 973457	www.negservices.co.uk
Imer	Italy	Specialist Access	01744 600095	Direct	+39 0577 973457	www.specialistaccessengineering.com
JCB	UK	JCB	01889 590312	JCB	+44 1889 590312	www.jcb.co.uk
JLG	USA-Belgium	JLG UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
JCHI	China	Wanted	+86 10615 39210	Wanted	+86 10615 39210	www.jchic.com
Kreitzler	Germany	Direct	+49 23026 98418	Direct	+49 23026 98418	www.kreitzler.de
Leguan	Finland	Central Platform Services	01977 643595	Central Platform Services	+44 1977 643595	www.cpslift.com
LGMG	China	LGMG Europe	+31 85 064 2777	LGMG Europe	+31 85 064 2777	en.lngm.com.cn
Manitou	France	Manitou UK	01202 825331	Manitou UK	+44 1202 825331	www.uk.manitou.com
Matlisa	Spain	Hi-Lift Access	01623 474154	Seeking Dealers	+34 976 294547	www.matlisa.es
Mantall	China	Wanted	+86 18962 821283	Wanted	+86 18962 821283	www.mantall.en.china.cn
MEC	USA	APS	01480 891251	APS	+44 1480 891251	www.accessplatforms.co.uk
Mecaplus	Spain	No Dealer	+39 974 435126	No Dealer	+39 974 435126	www.mecaplus.es
Mieve	Spain	Direct	+34 9798 08036	Direct	+34 9798 08036	www.mieve.es
Nagano	Japan	Pfeifer Heavy Machinery	+31 5444 63114	Pfeifer Heavy Machinery	+31 5444 63114	www.pfeifermachinery.com
Niftylift	UK	Niftylift	01908 223456	Niftylift	+44 1908 223456	www.niftylift.com
Nostolift	Finland	Direct	+358 4002 44040	Direct	+358 4002 44040	www.nostolift.fi
Ommelift	Denmark	Ommelift UK	+45 7534 1300	Ommelift Ireland	+45 7534 1300	www.ommelift.com
PB Lifttechnik	Germany	Direct	+49 9077 95000	Direct	+49 9077 95000	www.pb-arbeitsbuehnen.de
Platform Basket	Italy	Promax Access	01226 716657	Promax Access	+44 1226 716657	www.promaxaccess.com
Power Towers	UK	Power Towers	01162 001757	Power Towers	+44 1162 001757	www.powertowers.co.uk
Rival	Netherlands	Rival UK	0844 335 2993	Rival UK	+44 844 335 2993	www.rival.com
Sinoboom	China	Seeking Dealer	+86 731 8711 6222	Seeking Dealer	+86 731 8711 6222	www.sinoboom.com
Skyjack	Canada	Skyjack UK	01691 676235	Skyjack UK	+44 1691 676235	www.skyjack.com
Snorkel	UK/USA	Snorkel UK	0845 1550 057	Ahern Ireland	01588 1040	www.snorkellifts.co.uk
Tadano	Japan	Not Distributed	+81 33621 7750	Not Distributed	+81 33621 7750	www.tadano.co.jp
Toucan	France	JLG UK	01616 541000	Access Platform Sales	+353 7497 21017	www.jlgeurope.com

## PUSH AROUND LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Airo	Italy	Aerial & Handling Services	01737 844896	Aerial & Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
Alarina	Spain	Direct	+34 950 315643	Direct	+34 950 315643	www.alarina.es
Big Astor	Italy	Direct	+39011 6051743	Direct	+39011 6051743	www.bigastor.it
Bil-Jax	USA	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Bison Products	UK	APS	01480 891251	APS	+44 1480 891251	www.accessplatforms.co.uk
Boss	China	Youngman/APS	01480 891251	Youngman/APS	+44 1480 891251	www.accessplatforms.co.uk
Böcker	Germany	Lancastria Hoists	0161 777 9009	Lancastria Hoists	+44 1617 779009	www.lancastria-group.co.uk
Custom Equipment	USA	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.hybridlifts.com
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
Eastman Heavy Machinery	China	Fontexx Cranes & Access	+31 4977 26926	Fontexx Cranes & Access	+31 4977 26926	www.fontexx.com
Eazzi Lift	UK	R2 Access Platforms	07799 118462	R2 Access Platforms	+44 7799 118 462	www.r2access.com
Eddielift	Italy	Edmolift	01440 730640	Edmolift	+44 1440 730640	www.edmolift.co.uk
Edmolift	UK	Edmolift	01440 730640	Edmolift	+44 1440 730640	www.edmolift.co.uk
ELS Lift	Turkey	Euro Mechanical Handling	01698 746158	Direct	+90 224 221 30 90	www.emhandling.co.uk
Faraone	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
Genie	USA	Genie UK	01476 584333	Genie Europe	+44 14765 84333	www.genielift.co.uk
GMG	China	Direct	00 805 303 2066	Direct	00 805 303 2066	www.globalmachineryinc.com
Haulotte	France	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Hugo	UK	HLS	01132 878446	HLS	+44 1132 878446	www.hls.co.uk
Hy-Brid - Custom Equipment	USA	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.hybridlifts.com
Instant UpRight	Ireland	Instant UpRight	+353 162 09300	Instant UpRight	0162 09300	www.instantupright.com
Iteco/Imer	Italy	Direct	+39 0577 973457	Direct	+39 0577 973457	www.imergroup.com
Ixolift	Finland	Ixolift	+358 20741 5010	Ixolift	+358 20741 5010	www.ixolift.com
JLG	USA-France	JLG UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Kuli/Kempkes	Germany	Wanted	+49 2191 4340	Wanted	+49 2191 4340	www.kuli.com
Laing Access	UK	Direct	01553 810307	Direct	+44 155 3810 307	www.laingaccess.co.uk
Mantall	China	Wanted	+86 18962 821283	Wanted	+86 18962 821283	www.mantall.en.china.cn
Mieve	Spain	Direct	+34 9798 08036	Direct	+34 9798 08036	www.mieve.es
Pop-Up Products	UK	Pop-Up Products	01244 833933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Power Towers	UK	Power Towers	01162 001757	Power Towers	+44 1162 001757	www.powertowers.co.uk
ReechCraft	USA	Direct	00 888 600 6160	Direct	00 888 600 6160	www.reechcraft.com
Safelift	Sweden	Direct	+46 8559 22294	Direct	+46 8559 22294	www.safelift.se
Snorkel	UK	Snorkel UK	0845 1550 057	Ahern Ireland	01588 1040	www.snorkellifts.co.uk
Youngman	Taiwan	APS	01480 891251	APS	+44 1480 891251	www.accessplatforms.co.uk

## SPIDER LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Airo	Italy	Aerial & Handling Services	01737 844896	Aerial & Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
ATN	France	Direct	+33 553 798 320	Direct	+33 553 798 320	www.atnplatforms.com
Benelli gru	Italy	Direct	+39 522 969756	Direct	+39 522 969756	www.benelligru.it
Bluelift	Italy	Snorkel UK	0845 1550 057	Ahern Ireland	01588 1040	www.snorkellifts.co.uk
Böcker	Germany	Böcker UK	01384 476580	Böcker UK	+44 1384 476580	www.boecker-group.com/uk
Cela	Italy	Alfa Access Services	0800 193 0045	Direct	+39 3098 84084	www.alfa-access-services.com
Cormidi	Italy	GGR Group	01844 202071	GGR Group	+44 1844 202071	www.unicranes.com
CMC	Italy	Tracked Spider Sales	08432 896515	Tracked Spider Sales	+44 8432 896515	www.trackedspidersales.co.uk
CTE	Italy	CTE UK	01162 866743	CTE UK	+44 1162 866743	www.ctelift.com
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
Dinolift	Finland	Central Platform Services	01977 643595	Central Platform Services	+44 1977 643595	www.cpslift.com
Easy Lift	Italy	Aerial and Handling Services	01737 844896	Aerial and Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
Europelift	Hungary	Direct	0036 20 9474 767	Direct	0036 20 9474 767	www.europelift.com
Falcon Lifts	Denmark	Direct	+45 66 13 11 00	Direct	+45 66 13 11 00	www.falconlifts.com
Goman	China	Direct	+86 2784 855127	Direct	+86 2784 855127	www.gomanlift.cn
Hinowa	Italy	APS	01480 891251	APS	+44 1480 891251	www.accessplatforms.co.uk
Imer	Italy	Direct	+39 0577 973457	Direct	+39 0577 973457	www.imergroup.com
Jekko	Italy	JT Cranes	01767 677155	JT Cranes	+44 1767 677155	www.jtcranes.co.uk
JLG	USA-France	JLG UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Leguan	Finland	Avant Tecno UK	01953 714896	Direct	+358 3347 6400	www.leguanlifts.com
Multitel Pagliero	Italy	Direct	+39 01752 55211	Direct	+39 01752 55211	www.pagliero.com
Niftylift	UK	Niftylift	01908 223456	Niftylift	+44 1908 223456	www.niftylift.com
Oil&Steel	Italy	Direct	+39 059 936811	Cherry Picker	+353 1835 4788	www.oilsteel.com
Ommelift	Denmark	Ommelift UK	+45 7534 1300	Ommelift Ireland	+45 7534 1300	www.ommelift.com
Pagliero	Italy	Direct	+39 01752 55211	Direct	+39 01752 55211	www.pagliero.com
Palazzani	Italy	TCA Lifting	0845 603 5360	TCA Lifting	+44 845 603 5360	www.poweredaccess.com
Palfinger Platforms Italia	Italy	CPL	01536 529876	CPL	+44 1536 529879	www.cumberlanduk.co.uk
PC Produzioni	Italy	Direct	+39 3387 674786	Direct	+39 3387 674786	www.manotti.eu
Platform Basket	Italy	Promax Access	01226 716657	Promax Access	+44 1226 716657	www.promaxaccess.com
Ruthmann-Bluelift	Germany	Snorkel UK	0845 1550 057	Ahern Ireland	01588 1040	www.snorkellifts.co.uk
Sinoboom	China	Seeking Dealer	+86 731 8711 6222	Seeking Dealer	+86 731 8711 6222	www.sinoboom.com
Socage	Italy	Direct	+39 0599 121211	Direct	+39 0599 121211	www.socage.it
Teupen	Germany	Teupen UK	03301 025686	Teupen UK	+44 3301 025686	www.teupen.com

## MASTCLIMBERS & HOISTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Ahler	Spain	BFT Mastclimbers	01525 853575	BFT Mastclimbers	+44 1525 853575	www.bftmastclimbing.com
Alba	Spain	Wanted	+34 944 711 600	Wanted	+34 944 711 600	www.alba.es
Alimak	Sweden	Alimak	01933 354700	Alimak	+44 1933 354700	www.alimak.com
AS Climber	Spain	Direct	+34 916 918 580	Direct	+34 916 918 580	www.asclimber.com
Böcker	Germany	Lancastria Hoists	0161 777 9009	Lancastria Hoists	+44 1617 779009	www.lancastria-group.co.uk
Camac	Spain	Direct	+34 937 771 050	Direct	+34 937 771 050	www.camasca.com
Electroelsa	Italy	Direct	+39 057 791 3401	Direct	+39 057 791 3401	www.electroelsa.com
Elevek	Portugal	Direct	+351 234 660 570	Direct	+351 234 660 570	www.elevk.com
Euroscaf	Italy	Direct	+39 042 374 6732	Direct	+39 042 374 6732	www.euroscaf.it
Encomat	Spain	Direct	+34 916 280 056	Direct	+34 916 280 056	www.encomat.com
Fixator	France	Direct	+33 241 311 700	Direct	+33 241 311 700	www.fixator-lift.com
Fraco	Canada	Turbolber UK	01895 262429	Turbolber UK	+44 1895 262429	www.turbolber.com
Geda	Germany	Mace Industries	01536 206600	Mace Industries	+49 906 98090	www.maceindustries.co.uk
George Taylor Lifting Gear	UK	Direct	01922 457916	Direct	+44 1922 457916	www.gtlifting.co.uk
Goian	Spain	Wanted	+34 943 804 001	Wanted	+34 943 804 001	www.goian.com
Haki	Sweden	Haki UK	01827 282525	Haki UK	+44 1827 282525	www.haki.co.uk
Hydro Mobile	Canada	Wanted	+1 888 484 9376	Wanted	+1 888 484 9376	www.hydro-mobile.com
Imer	Italy	CLM Supplies	0844 800 1750	Direct	+39 0577 973457	www.clm-supplies.com
Maber	Italy	CLM Supplies	0844 800 1750	Maber	+39 444 660 872	www.clm-supplies.com
MP-Haki	Sweden	Haki UK	01827 282525	Haki UK	+44 1827 282525	www.haki.co.uk
Piat	Italy	Direct	+39 041 927 824	Direct	+39 041 927 824	www.piatvideasrl.com
Raxtar	Holland	NTP Hoist Spares	01484 300503	NTP Hoist Spares	+44 1484 300503	www.hoistspares.co.uk
Rovers	Italy	Wanted	+39 089 772 4134	Wanted	+39 089 772 4134	www.rovers.it
Saeclimber	Spain	Direct	+34 916 00 44 84	Direct	+34 916 00 44 84	www.saeclimber.com
Safi	Italy	Direct	+39 042 363 9321	Direct	+39 042 363 9321	www.safi.it
Saltec	Spain	Direct	+34 9765 71737	Direct	+34 9765 71737	www.saltectorgar.com
Scanclimber	Finland	Direct	+358 40 545 3773	Direct	+358 40 545 3773	www.scanclimber.com
Star Lift	Turkey	Direct	+90 23247 86620	Direct	+90 23247 86620	www.starlift.com.tr
Steinweg	Germany	Lancastria Hoists	0161 777 9009	Lancastria Hoists	+44 1617 779009	www.lancastria-group.co.uk
SMEA.N.	Italy	Wanted	39 081 250 84210	Wanted	+39 081 250 84210	www.smean.it
Stros	Slovakia	Direct	+420 318 842 369	Direct	+420 318 842 369	www.stros.cz
Torgar	Spain	Direct	+34 9765 71737	Direct	+34 9765 71737	www.saltectorgar.com
Turbolber	Spain	Direct	+34 9171 51525	Direct	+34 9171 51525	www.turbolber.com
XL Industries	France	Direct	+33 2534 44200	Direct	+33 2534 44200	www.xl-industries.fr

## MAST BOOMS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Airo	Italy	Aerial and Handling Services	01737 844896	Aerial and Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
ATN	France	Direct	+33 553 798 320	Direct	+33 553 798 320	www.atnplatforms.com
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
ELS Makine	Turkey	Euro Mechanical Handling	01698 746158	Direct	+90 224 241 30 90	www.emhandling.co.uk
Genie	France	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
GMG	China	Direct	00 805 303 2066	Direct	00 805 303 2066	www.globalmachineryinc.com
Haulotte	France	Haulotte UK	01216 199753	Haulotte UK	+44 1216 199753	www.haulotte.co.uk
Hematec	Germany	Alfa Access Services	0800 193 0045	Direct	+49 351 8975 500	www.alfa-access-services.com
JLG	France	JLG UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Manitou	France	Manitou UK	01202 825331	Manitou UK	+44 1202 825331	www.uk.manitou.com
Mantall	China	Wanted	+86 18962 821283	Wanted	+86 18962 821283	www.mantall.en.china.cn
Sinoboom	China	Seeking Dealer	+86 731 8711 6222	Seeking Dealer	+86 731 8711 6222	www.sinoboom.com
Snorkel	UK	Snorkel UK	0845 1550 057	Ahern Ireland	01588 1040	www.snorkellifts.co.uk
Toucan JLG	France	JLG UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com

## MATERIAL LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Alp Lift	Germany	Lancastria	0161 7758921	Lancastria	+44 161 7758921	www.lancastria-group.co.uk
Genie	USA	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
LiftSmart	USA	Direct	+1 800 717 3079	Direct	+1 800 717 3079	www.liftsmart.homestead.com
Snorkel	UK	Snorkel UK	0845 1550 057	Snorkel	+44 845 1550 057	www.snorkellifts.co.uk
Sumner	USA	Sumner Lift UK	01905 458333	Sumner Lift UK	+44 1905 458333	www.sumner.com
Wienold	Germany	APS	01480 891251	APS	+44 1480 891251	www.accessplatforms.co.uk

## MOBILE ACCESS TOWERS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Aliscaff	UK	Aliscaff	01279 406270	Aliscaff	+44 1279 406270	www.alistage.co.uk
Alto	UK	Alto Tower Systems	08451 776644	Alto Tower Systems	+44 8451 776644	www.alto-towers.co.uk
Altrex	UK	Pop-Up Products	01244 833933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Big Astor	Italy	Wanted	+39 116 051 743	Wanted	+39 116 051 743	www.bigastor.it
Boss	UK	Youngman/APS	01480 891251	Youngman/APS	+44 1480 891251	www.accessplatforms.co.uk
Clow	UK	Clow Group	01415 546272	Clow Group	+44 141 554 6272	www.clowgroup.co.uk
Eiger Tower	UK	Pop-Up Products	01244 833 933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Euro Towers	UK	Euro Towers	01604 644774	Euro Towers	+44 1604 644774	www.eurotowers.co.uk
Faraone	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
Frigerio	Italy	Wanted	+39 035 525 115	Wanted	+39 035 525 115	www.eng.frigeriospa.com
Haki	Sweden	Haki UK	01827 282525	Haki UK	+44 1827 282525	www.haki.co.uk
Instant UpRight	Ireland	Planet Platforms	0800 0854 161	F.A.S.T Scaffold	01830 8133	www.planetplatforms.co.uk
Layher	Germany	Layher UK	01462 475100	Layher UK	+44 1462 475100	www.layher.co.uk
Lyte Ladders and Towers	UK	Lyte Ladders and Towers	01792 796666	Lyte Ladders and Towers	+44 1792 796666	www.lyteladders.co.uk
Monkey Tower	UK	Monkey Tower	01277 356172	Monkey Tower	+44 1277 356172	www.monkeytower.co.uk
Pop-Up Products	UK	Pop-Up Products	01244 833 933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Pyrascap	UK	Pyrascap	07818 558379	Pyrascap	01830 7328	www.pyrascapftd.com
Svelt	Italy	Wanted	+39 035 681663	Wanted	+39 035 681663	www.svelt.it
Turner Access	UK	Turner Access	01413 095555	Turner Access	+44 141 309 5555	www.turner-access.co.uk
Werner	UK	Werner UK	01621 745 900	Werner UK	+44 1621 745900	www.wernerco.com
Youngman	UK	Youngman/APS	01621 745900	Youngman/APS	+44 1480 891251	www.accessplatforms.co.uk
Zarges	Germany	Zarges UK	01908 641118	Zarges UK	+44 1908 641118	www.zargesuk.co.uk
Zip-Up	Ireland	Planet Platforms	0800 0854161	F.A.S.T Scaffold	01830 8133	www.planetplatforms.co.uk

## TRANSPORT TRAILERS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Andover Trailer	UK	Direct	01264 358944	Andover Trailers	+44 1475 522261	www.andovertrailers.co.uk
Broshuis	Holland	Broshuis Trailers UK	01858 432502	Broshuis Trailers UK	+44 1858 432502	www.broshuis.com
Faymonville	Belgium	Traffco	01536 206915	Ashbourne Truck Centre	01835 0573	www.faymonville.com
Goldhofer	Germany	Andover Trailers	01264 358944	Andover Trailers	+44 1475 522261	www.andovertrailers.co.uk
Ifor Williams	UK	Local Network	0843 216 7447	West-Wood Trailers	045 87 6053	www.iwt.co.uk
Kässbohrer	Turkey	Tinsley	01642 784279	Tinsley	+44 1642 784279	www.tinsleyspecialproducts.com
Kögel	Germany	Trans UK Equip. Management	01827 304418	Trans UK Equip. Management	01827 304418	www.tukem.co.uk
King	UK	King Trailers	01858 467361	King Trailers	+44 1858 467361	www.kingtrailers.co.uk
Macs Trucks	UK	Direct	01422 311999	Direct	+44 1422 311999	www.macs trucks.co.uk
Montracon	UK	Montracon	01302 732500	Montracon	+44 1302 732500	www.montracon.com
Nicolas	France	Munro Commercial	01704 897003	Munro Commercial	+44 1704 897003	www.munrocommercial.com
Nooteboom	Holland	HSE Nooteboom	01536 204233	HSE Nooteboom	+44 1536 204233	www.hse-nooteboom.com
Scheuerle	Netherlands	Direct	+49 1622 191383	Direct	+49 1622 191383	www.scheuerle.com
Schuler & Schlömm	Switzerland	Wanted	+41 854 7000	Wanted	+41 854 7000	www.schuler-schuler.ch
Sterling GP	UK	Direct	01642 713333	Direct	+44 1642 713333	www.sterlinggp.com
Tii Group	Germany	Direct	+49 79416 91200	Direct	+49 79416 91200	www.tii-group.com
Tinsley	UK	Tinsley	01642 784279	Tinsley	+44 1642 784279	www.tinsleyspecialproducts.com

# POWER UP IP-T105 PLUS DEEP CYCLE TRACTION BATTERY



IPS Power Series Batteries are engineered to keep your access platforms running efficiently whilst giving optimum performance. With primary pure lead technology and a two year manufacturer's warranty, they are available from stock for fast delivery.

0845 108 4000 | [ipspartsonline.com](http://ipspartsonline.com)

Next Day Delivery | All Major Brands | Technical Assistance



Currently in build and arriving early 2020. Available to pre-order and reserve. P300 KS, P370 KS, WT450, WT640.

[www.skyking.co.uk](http://www.skyking.co.uk) | +44 (0) 1858 438650 | [info@skyking.co.uk](mailto:info@skyking.co.uk)



King Group of Companies

## LIFTING GEAR

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Al-Vac	Denmark	Al-vec UK	08702 418772	Al-vec UK	+44 8702 418772	www.al-vac.co.uk
Baltrotors	Latvia	Approved Hydraulics	0854 4770 7969	Approved Hydraulics	+44 854 4770 7969	www.approvedhydraulics.co.uk
Bakker Hydraulic	Holland	Approved Hydraulics	0854 4770 7969	Approved Hydraulics	+44 854 4770 7969	www.approvedhydraulics.co.uk
Conquip	UK	Conquip	0845 520 1102	Conquip	+44 0845 520 1102	www.cqgroup.com
Enerpac	USA	Enerpac	01215 050787	Enerpac	+44 1215 050787	www.enerpac.com
Hydrosplex	Netherlands	Enerpac	01215 050787	Enerpac	+44 1215 050787	www.enerpac.com
Lift Systems	USA	Claxton International	01244 661000	Claxton International	+44 1244 661000	www.claxtoninternational.co.uk
Lifting Gear UK	UK	Lifting Gear UK	01772 699880	Lifting Gear UK	+44 1772 699880	www.lifting-equipment.co.uk
Microcranes	USA	Direct	+1 36076 85104	Direct	+1 36076 85104	www.smartrigranes.com
Modulift	UK	Modulift UK	01202 621511	Modulift UK	+44 1202 621511	www.modulift.com
Multi-Sec	UK	Durham Lifting	01642 240 672	Durham Lifting	+44 1642 240672	www.durhamlifting.co.uk
Probst	UK	Probst Handling Equipment	01939 235325	Probst Handling Equipment	+44 1939 235325	www.probst-handling.co.uk
Scanlift	UK	Scanlift	01206 396111	CMH	04587 6225	www.scanlift.co.uk
Smartlift	Denmark	Central Platform Services	01977 643595	Central Platform Services	+44 1977 643595	www.cpslift.com
Sumner	USA	Sumner Lift UK	01905 458333	Sumner Lift UK	+44 1905 458333	www.sumner.com
Unitex	USA	Ridge Gear	01538 384108	Ridge Gear	+44 1538 384108	www.ridgegear.com
Wienold Lift	Germany	APS	01480 891251	APS	+44 1480 891251	www.accessplatforms.co.uk
Winlet	Denmark	Hird	01482 227333	Hird	+44 1482 227333	www.hird.co.uk/winlet

## TELEHANDLERS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Ausa	Spain	Ausa UK	07970 639988	Ausa UK	+44 7970 639988	www.ausa.com
Bobcat	France	Bobcat UK	01942 266880	Montana Plant Sales	01401 8844	www.bobcat.eu
Caterpillar	Belgium	Finning UK	01530 249605	Finning Ireland	01464 3500	www.finning.co.uk
Claas	Germany	Claas UK	01284 763100	Claas UK	+44 1284 763100	www.claas.com
Deutz-Fahr	Germany	Deutz AG	01543 438900	Deutz AG	+44 1543 438900	www.deutz-fahr.com
Dieci	Italy	Molson Compact Equipment	01789 414525	Molson Compact Equipment	+44 1789 414525	www.molsoncompact.co.uk
Doosan	France	Bobcat UK	020 87230161	Montana Plant Sales	01401 8844	www.bobcat.eu
ELS Lift	Turkey	Euro Mechanical Handling	01698 746158	Direct	+90 224 221 30 90	www.emhandling.co.uk
Faresin	Italy	Metcalf's Ag. Engineers	01995 61166	Philip P. McCormack Plant	+353 45 868 457	www.metcalfsagri.co.uk
Farmlift	USA	Case IH	00800 227344 00	Case IH	00800 227344 00	www.caseih.com
Gehl	USA	Manitou UK	01202 825331	Manitou UK	+44 1202 825331	www.uk.manitou.com
Genie	Italy/USA	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
Giant	Holland	Purcell Plant	+353 45 859 916	Purcell Plant	+353 45 859 916	www.tobroco.nl
Haulotte	France	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Jakob Fahrzeugbau	Switzerland	Not Distributed	+41 71 411 67 60	Not Distributed	+41 71 411 67 60	www.jakobfahrzeugbau.ch
JCB	UK	JCB	01889 590312	JCB	+44 1889 590312	www.jcb.co.uk
JLG	Belgium	JLG UK	01616 541000	JLG UK	+44 1616 541000	www.jlg.com
Kramer	Germany	Kevin Walker	01845 577832	Claas UK	+44 1284 763100	www.kramerallrad.co.uk
Kubota	Japan	Kubota UK	01844 268000	DA Forgie	0287 7722 375	www.kubota-eu.com
Landini	Italy	Agriargo UK	01302 757550	D&S Machinery	01450 7377	www.agriargouk.com
Liebherr	Austria	Liebherr GB	01767 602100	Liebherr GB	0458 76 50	www.liebherr.co.uk
Lull	USA	JLG Industries UK	01616 541000	JLG Industries UK	+44 1616 541000	www.jlg.com
Magni	Italy	Magni UK	08442 645900	Magni UK	+44 8442 645900	www.magnith.com
Manitex (Lowry)	Canada	Pooler LMT	01952 770189	Pooler LMT	+44 1952 770189	www.pooler-lmt.com
Manitou	France	Manitou UK	01202 825331	Manitou UK	+44 1202 825331	www.uk.manitou.com
Merlo	Italy	Merlo UK	01425 480806	Merlo UK	+44 1425 480806	www.merlo.co.uk
MST	Turkey	Direct	+902 1645 30400	Direct	+902 1645 30400	www.mst-tr.com
MultiOne	UK	Ranger Equipment	0870 225 5554	Ranger Equipment	44 870 225 5554	www.spiderlift.co.uk
Neuson Kramer	Germany	Kevin Walker	01845 577832	Claas UK	+44 1284 763100	www.kramerallrad.co.uk
New Holland	Italy	New Holland Construction	01268 292423	New Holland Construction	+44 1268 292423	www.newholland.com
Pettibone	USA	Direct	+1 800 467 3884	Direct	+1 800 467 3884	www.gopettibone.com
Saez	Spain	Direct	+90216 577 75 55	Direct	+90216 577 75 55	www.saezkulevincierl.com
Sennebogen	Germany	EH Hassell & Sons	01782 644299	MAC Machinery	+353 7491 56708	www.hassells.com
Skyjack	Canada	Skyjack UK	01691 676235	Skyjack UK	+44 1691 676235	www.skyjack.com
Skytrak	USA	JLG Industries UK	01616 541000	JLG Industries UK	+44 1616 541000	www.jlg.com
Snorkel	UK/USA	Snorkel UK	0845 1550 057	Snorkel	+44 845 1550 057	www.snorkellifts.co.uk
Terex	Italy	TDL Equipment	08444 994499	TDL Equipment	+44 8444 994499	www.tdlequipment.com
VersaLift	USA	Pooler LMT	01952 770189	Pooler LMT	+44 1952 770189	www.pooler-lmt.com
VHS Manirail	Holland	Direct	+31 4973 31033	Direct	+31 4973 31033	www.vhsbladel.nl
Wacker Neuson	Germany	Wacker Neuson UK	01785 785700	Wacker Neuson Ireland	01832 0218	www.wackerneuson.co.uk
XCMG	China	Direct	0086 516 87739218	Direct	0086 516 87739218	www.xcmg.com
Xtreme	USA	Snorkel UK	0845 1400 758	Snorkel	+44 845 1400 758	www.snorkellifts.co.uk

## DISCONTINUED BRANDS

Manufacturer	Status	Spare Parts	UK Telephone	Website
ABM	Acquired by Haulotte	Haulotte UK	01952 292753	www.haulotte.co.uk
Aerial	Absorbed into Janfield then Snorkel	Snorkel UK	0191 4871311	www.snorkellifts.co.uk
Bendini	Absorbed into Terex	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Comedil	Absorbed into Terex	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Condor	Part of Time International	Versalift UK	01536 721010	www.versalift.co.uk
Coles	Absorbed by Grove	Manitowoc UK	01895 430053	www.manitowoc.com
CTI - Compact Truck	Company liquidated	JT Cranes	01767 677155	www.jtcranes.co.uk
Esda Fahrzeugwerke	Closed due to insolvency	Closed due to insolvency		Closed due to insolvency
Falck Schmidt	Acquired by TCA Lift	Urban Access	01202 593411	www.urban-access.co.uk
Gradall Telehandlers	Absorbed into JLG	JLG Industries UK	01616 541000	www.jlg.com
Grove Manlift	Acquired by JLG	MinnPar	+1 6123 790606	www.minnpar.com
Iron Fairy	Jones Cranes Ltd	Jones Cranes Ltd	01273 494020	www.jonescranes.co.uk
Jones	Jones Cranes Ltd	Jones Cranes Ltd	01273 494020	www.jonescranes.co.uk
Kesla	Aerial lifts acquired by Nostolift	AJ Access Ltd	01291 423930	www.accessplatforms.com
Lionlift	Absorbed into PC Produzioni	PC Produzioni	+39 3387 674786	www.manotti.eu
Luna	Company liquidated	Luna	+34 974 21 10 20	www.lunaei.es
Pinguely	Haulotte Group	Haulotte UK	01952 292753	www.haulotte.co.uk
RAM	Acquired by Ruthmann	Access Sales International	08718 714284	www.asionline.co.uk
Simon	Self-Propelled business acquired by Terex	Genie UK	01476 584333	www.genielift.co.uk
SkyHigh	Acquired by Servi-Tec	Holland Lift	+31 2292 85555	www.hollandlift.com
Strato Lift	Closed	MinnPar	+1 612 379 0606	www.minnpar.com
SUP Elefant	Rebranded as CMC	Spiderlift	08702 255554	www.spiderlift.co.uk
UpRight	Rebranded as Snorkel	Snorkel UK	0845 1550 057	www.snorkellifts.co.uk



**cranes & access**

Get the whole story...

...follow us on

**facebook**

**twitter**

**Vertikal.net**

WWW.MANITOU.COM

220 TJ

# REACH NEW HEIGHTS



DO MORE WITH **ONE MACHINE**

To find out more contact your local Manitou dealer [www.manitou.com](http://www.manitou.com)

 **MANITOU**  
HANDLING YOUR WORLD



# TRUST

US TO DO THE HEAVY LIFTING.



Trojan deep-cycle batteries provide mobile elevated work platform (MEWP) with reliable performance and more productive hours on the job. If it involves constant lifting and mobility, you can rely on Trojan to get the job done.

**TRILLIUM**  
TROJAN INTELLIGENT LITHIUM

Learn more about Trojan's products including our new Lithium Ion solutions for MEWP applications.

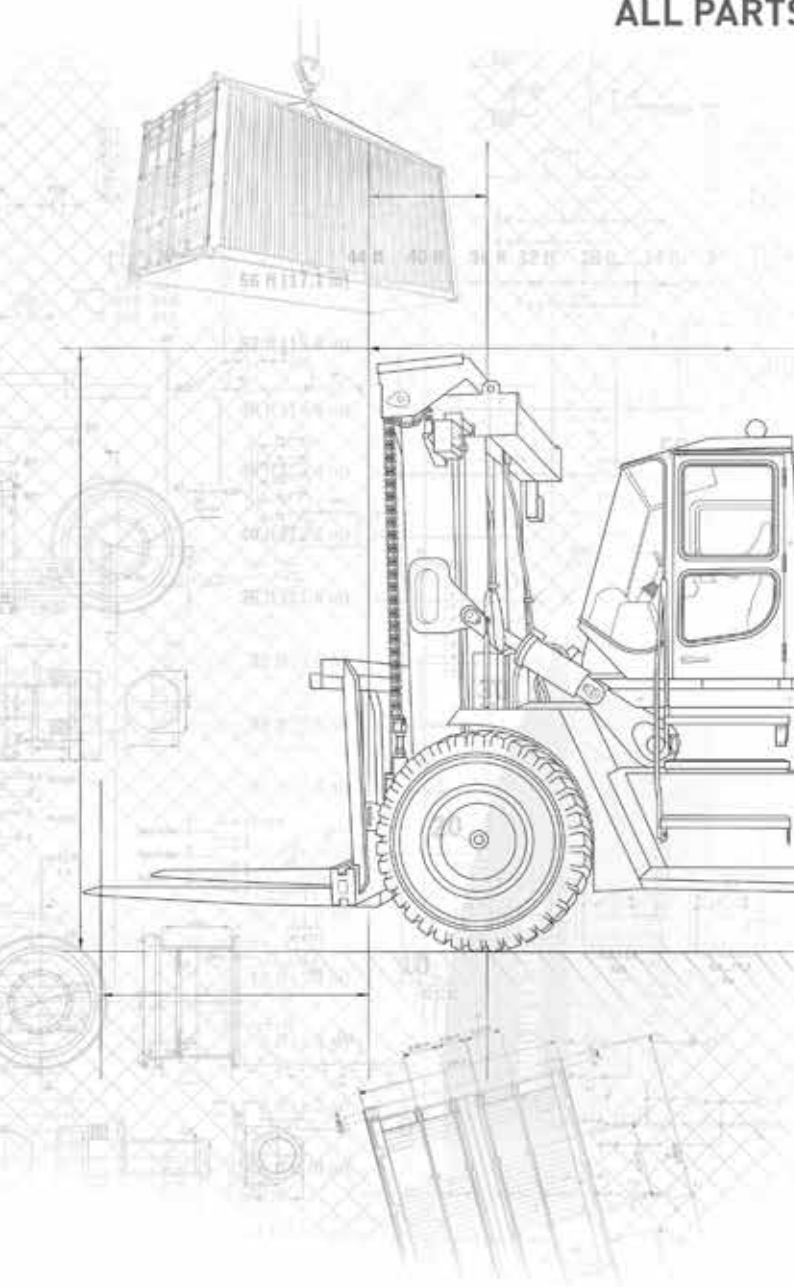
[trojanbattery.com](http://trojanbattery.com)

## COMPONENTS ACCESSORIES & PARTS

Manufacturer	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
3B6	3B6 UK	01482 227333	3B6 UK	+44 1482 227333	www.hird.co.uk/3b6
AGS	Falcon Crane	01362 821048	Casey Group	04548 5240	www.falcon-crane-sales-hire-uk.com
Air-Seal Products	Direct	01823 674411	Direct	+44 1823 674411	www.air-sealproducts.com
AlturnaMATS	GreenTek	01132 677000	GreenTek	+44 1132 677000	www.greensward.co.uk
Aluexbeams	Direct	+358 2 880 3000	Direct	+358 2 880 3000	www.aluexbeams.com
Amber Valley Devel	Direct	0116 240 2968	Direct	+44 1162 402968	www.amber-valley.co.uk
Aresta	Xenith Heights	01273 832200	Xenith Heights	+44 1273 832200	www.xenithheights.com
Ashtree Glass	Direct	01274 546732	Direct	+44 1274 546732	www.ashtreeglass.co.uk
Autec	Wanted	+39 0444 901000	Wanted	+39 0444 901000	www.autecsafty.com
Ascorel	Direct	+33 474 576 263	Direct	+33 474 576 263	www.ascorel.com
Boscaro	Wanted	+39 444 866 520	Wanted	+39 444 866 520	www.boscaroitalia.com
BFL Alimats	Alimats	01335 345111	Alimats	+44 1335 345111	www.craneriggermats.co.uk
BPE	IFCOM UK	01236 770033	IFCOM UK	+44 1636 676794	www.bpe.it
Braden Winch	Koppen & Lethem	01636 676794	Koppen & Lethem	+44 1636 676794	www.koppen-lethem.co.uk
Butti Lifting Equipment	Direct	+035 787300	Direct	+035 787300	www.butti.it
Carl Stahl Evita	Carl Stahl Evita	0845 226 0819	Carl Stahl Evita	+44 845 226 0819	www.carlstahllevita.co.uk
Casar Pfeifer	Pfeifer Drako	01270 587728	Wire Ropes	0404 67375	www.pfeifer.co.uk
Cautrac	Direct	01206 273111	Direct	+44 1206 273111	www.cautrac.com
Cavotec	Cavotec UK	01642 608245	Cavotec UK	+44 1642 608245	www.cavotec.co.uk
Cobo	Hird	01482 227333	Hird	+44 1482 227333	www.peter-hird.co.uk
Cone Drive	Cone Drive UK	07599 516240	Cone Drive UK	+44 7599 516240	www.conedrive.com
Conquip	Conquip	0845 2015030	Conquip	0845 2015030	www.conquipindustrial.com
Crosby	Crosby UK	01226 290516	Crosby UK	+44 1226 240118	www.thecrosbygroup.com
Crown Batteries	Shield Batteries	01279 652067	Shield Batteries	+44 1279 652067	www.shieldbatteries.co.uk
Cummins	Cummins UK	01933 334200	Cummins UK	+44 1933 334200	www.cummins.com
Curtiss-Wright	Penny + Giles Controls	01202 034000	Penny + Giles Controls	+44 1202 034000	www.curtisswright.com
Custom Brakes & Hydraulics	Direct	0114 276 7971	Direct	+44 114 276 7971	www.custombrakes.co.uk
C-Tech Industries	TVH UK	024 7658 5000	Direct	+1 513 860 9311	www.tvh.com
Dana	Dana UK	01933 402000	Dana UK	+44 1933 402000	www.dana.com
Deutz	Deutz UK	01543 438900	Deutz UK	+44 1543 438900	www.deutzuk.com
Double Coin Tyres	Kirby Tyres	0870 242 8800	Kirby Tyres	+44 870 242 8800	www.kirkbytyres.co.uk
Dyno	Dyno Europe	+32 5661 7977	Dyno Europe	+32 5661 7977	www.dynoeurope.com
Dynamic Oil	Direct	+39 059 812 601	Direct	+39 059 812 601	www.dinamicoil.it
Eco Outrigger Pads	Outrigger Pads	01952 671403	Outrigger Pads	+44 1952 671403	www.outriggerpads.co.uk
Elebia	Elebia UK	01304 747410	Elebia UK	+44 1304 747 410	www.elebia.co.uk
Eve	Direct	08700 767676	Direct	+44 8700 767676	www.evetrakway.co.uk
Exmile Tyres	Direct	+86 535 271086	Direct	+86 535 271086	www.exmiletire.com
Gantic	Alfa Access Services	0800 193 0045	Direct	+47 553 15531	www.alfa-access-services.com
Gearmatic	Koppen & Lethem	01636 676794 K	oppen & Lethem	+44 1636 676794	www.koppen-lethem.co.uk
G. Fluid	Wanted	+39 059 828543	Wanted	+39 059 828543	www.gfluid.com
Goodyear Dunlop	Goodyear UK	01213 066000	Goodyear Ireland	0162 38500	www.goodyear.eu
Ground-Guards	Direct	0113 267 6000	Direct	+44 113 267 6000	www.ground-guards.co.uk
GT Trax	Direct	01487 823344	Direct	+44 1487 823344	www.gttrax.co.uk
Gunnebo	Gunnebo Industries	01527 522560	Gunnebo Industries	+44 1527 522560	www.gunneboindustries.co.uk
Hatz	Hatz GB	01455 622100	Hatz GB	+44 1455 622100	www.hatzgb.co.uk
HBC-radiomatic	HBC-radiomatic UK	01215 036920	HBC-radiomatic UK	+44 1215 036920	www.hbc-radiomatic.co.uk
Hetronic	Hetronic Great Britain	0845 0046938	Hetronic Great Britain	+44 845 0046938	www.hetronic.co.uk
Hirschmann	Pat Krüger	01889 580101	Pat Krüger	+44 1889 580101	www.pat-kruger.co.uk
HookCam	Direct	011 44 804 8692140	Direct	011 44 804 8692140	www.hookcamcompany.com
IGUS	IGUS UK	01604 677240	IGUS UK	+44 1604 677240	www.igus.co.uk
Ikusi	Ind. Remote Cont. Sys.	01207 583890	Ind. Remote Cont. Sys.	+44 1207 583890	www.ikusi.co.uk
Imet	Simbal	01298 813883	Simbal	+44 1298 813883	www.simbal.net
Imo	Direct	+49 9193 63950	Direct	+49 9193 63950	www.goimo.com
Independent Parts & Service	IPS	01952 607660	IPS Ireland	0429 339500	www.iapsgroup.com
Interpump Hydraulics	Interpump Hydraulics UK	01384 292861	Interpump Hydraulics UK	+44 1384 292861	www.hydrocaruk.com
JSP	JSP	01993 826050	JSP	+44 1993 826050	www.jspsafty.com
JT Cranes	JT Cranes	01767 677155	JT Cranes	+44 1767 677155	www.jtcranes.co.uk
Knott	Knott	01283 531541	Knott	+44 1283 531541	www.knottuk.com
Kubota	Kubota UK	01844 214500	Kubota UK	+44 1844 214500	www.kubota.co.uk
Loadlift	Loadlift	01255 671187	Loadlift	+44 1255 671187	www.loadlift.com
Load Monitoring Systems	Load Monitoring Systems	01224 446100	Load Monitoring Systems	+44 1224 446100	www.loadsystems.co.uk
Lombardini	Lombardini UK	01865 863858	Lombardini UK	+44 1865 863858	www.lombardini.co.uk
Lyon Equipment	Lyon Equipment	01539 626250	Lyon Equipment	+44 1539 626250	www.lyon.co.uk
Magna Tyres	Direct	+31 416 675 220	Direct	+31 416 675 220	www.magnatyres.com
Magnetek	Magnetek UK	01234 349191	Magnetek UK	44 1234 349191	www.magnetek.com
Michelin	Michelin Tyre Company	01782 402000	Michelin Tyre Company	+44 1782 402000	www.michelin.co.uk
Mitas Tyres	Mitas Tyres	01553 817740	Mitas Tyres	+44 1553 817740	www.mitas.eu
Moba	MOBA Mobile Automation	01844 293220	MOBA Mobile Automation	+44 1844 293220	www.moba.de
Morooka	Causeway Tractors	01206 273111	Causeway Tractors	+44 1206 273111	www.cautrac.com
Nylacast	Nylacast	01162 768558	Nylacast	+44 1162 768558	www.nylacast.com
Optima Batteries	4 Leaf Batteries	01953 881330	4 Leaf Batteries	+44 1953 881330	www.optimabatteries.co.uk
Orlaco	Cranesafe	01483 894136	Cranesafe	+44 1483 894136	www.orlaco.com
OTR Wheel Engineering	OTR Europe	01159 303322	OTR Europe	44 1159 303322	www.otrwheel.com
PAT Pat	Krüger	01889 580101	Pat Krüger	+44 1889 580101	www.pat-kruger.co.uk
Petzl	Lyon Equipment	01539 626250	Lyon Equipment	+44 1539 626250	www.lyon.co.uk
Probst	Probst Handling Equipment	01939 235325	Probst Handling Equipment	+44 1939 235325	www.probst-handling.co.uk
QW Wheels	Direct	0845 300561	Direct	+44 1594 847173	www.qwheels.co.uk
Rayco-Wylie	Rayco-Wylie Systems UK	01424 421235	Rayco-Wylie Systems UK	+44 1424 421235	www.raycowylie.com
RB Componentes	Direct	+34 976400421	Direct	+34 976400421	www.rbcomponentes.com
Remdevice	Direct	01282 871187	Direct	+44 1282 871187	www.gbcontrols.co.uk
Rösler	Rösler UK	01514 820444	Wanted	+49 4218 022700	www.rosler.com
SafetyLiftinGear	Direct	0808 1236969	Direct	+44 808 1236969	www.safetyliftinggear.com
Sarum Mats	Sarum Hardwood	01264 811600	Sarum Hardwood	+44 1264 811600	www.sarumhardwood.co.uk
Scanreco	Koppen & Lethem	01636 676794	Koppen & Lethem	+44 1636 676794	www.koppen-lethem.co.uk
Secatol Skips	Whitney Engineering	01785 282811	Whitney Engineering	+44 1785 282811	www.whitneyeng.com
Sensor Systems	Wanted	+39 030 700 0916	Wanted	+39 030 700 0916	www.sensorsystems.it
Sevcon	Electric Vehicle Systems	01914 161286	Electric Vehicle Systems	+44 1914 161286	www.evsystems.co.uk
SFL Mobile Radio	Direct	01513 349160	Direct	+44 1513 349160	www.sflmobileradio.co.uk
Smie	Cranesafe	01483 894136	Cranesafe	+44 1483 894136	www.smie.com
SpanSet	SpanSet UK	01606 737494	SpanSet UK	+44 1606 737494	www.spanset.co.uk
Standfast	Direct	01287 633220	Direct	+44 1287 633220	www.standfastcorp.eu
Stoneridge-Orlaco	Cranesafe	01483 894136	Cranesafe	+44 1483 894136	www.orlaco.com
Sunfab	Sunfab UK	0844 257 8900	Hi-Power	+353 2143 01742	www.hipower.ie
Tagattach	Direct	07919 227680	Direct	44 7919 227680	www.tagattach.net
Tecsis	Direct	+49 6958 060	Direct	+49 6958 060	www.tecsis.de
Tele radio	Tele Radio UK	0844 77 666 87	Tele Radio UK	0844 77 666 87	www.tele-radio.com
Thermoil	IPS	01952 607660	IPS Ireland	+353 429 339500	www.iapsgroup.com
Timbermat	Direct	0844 800 9560	Direct	0844 800 9560	www.timbermat.co.uk
TireSocks	Eurogate International	02476 100346	Eurogate International	+31 523 638 286	www.eurogate-international.com
TMC Lifting Supplies	Direct	01733 211339	Direct	+44 1733 211339	www.tmc-lifting.com
Tracked Carriers	Direct	01621 810999	Direct	+44 1621 810999	www.trackedcarriers.co.uk
Trackunit	Direct	+45 9673 7400	Direct	+45 9673 7400	www.trackunit.com
Trimble Lifting Solutions	Trimble Lifting Solutions	01224 392900	Trimble Lifting Solutions	+44 1224 392900	www.loadsystems.com
Trojan Batteries	Platinum International	01618 760057	Platinum International	+44 1618 760057	www.platinuminternational.com
TVH Group	TVH UK	02476 585 000	TVH UK	+32 5643 4571	www.tvh.com
UE Components	Utility Equipment	0161 850 0456	Utility Equipment	+44 161 850 0456	www.utility-equipment.com
US Batteries	Manbat Batteries	01743 460790	Manbat Batteries	+44 1743 460790	www.manbat.co.uk
Unitex	Unitex Group	01538 384108	Unitex Group	+44 1538 384108	www.unitex.org
Universal Cranes Mats	Direct	01623 653588	Direct	+44 1623 653588	www.universal-crane-mats.com
Welex	Welex Rental	01785 713675	Welex Rental	+44 1785 713675	www.welexrental.co.uk
Zenith	Batteries Direct	+31 615 868 045	Direct	+31 615 868 045	www.zenithdbattery.com
ZT Safety Systems	ZT Safety Systems	0844 573 4899	ZT Safety Systems	+44 844 573 4899	www.ztsafetysystems.com



ALL PARTS MATTER



# PARTS & MORE

Thanks to a stock of over 120 000 references and a database with 803 000 known references, you are sure that your **container handling equipment** remains in good shape and is operational at all times. **All makes, guaranteed quality.** Thanks to the extensive stock and our specialised sales advisors, you receive the delivery within 24/48 hours. Our webshop, online search tools, catalogues, movies and website give you complete access in obtaining information 24/7.

Discover every part of us on [www.tvh.com/C&A](http://www.tvh.com/C&A)



TVH PARTS NV

Brabantstraat 15 - 8790 Waregem - Belgium

T +32 56 43 42 11 - F +32 56 43 44 88 - [info@tvh.com](mailto:info@tvh.com) - [www.tvh.com](http://www.tvh.com)

Celebrating  
50 years of TVH





# Lack of confidence in the market?



Liebherr's repair centre in Ehingen, Germany

With the growth of online trading and modern communications, the range of methods for searching for or purchasing used cranes, aerial work platforms and telehandlers has never been better or more varied, ranging from private sales, rental company sales divisions, one man bands, auctions, dealers and brokers, to major manufacturers moving trade ins. Mark Darwin takes a quick look at the state of the market and what is available.

You can buy almost anything on eBay, so it was with some trepidation I entered the term 'access platform' into the multi-national e-commerce website

search box. Surprisingly it revealed a wide range of equipment and spares from the cheap and cheerful to almost new truck mounted platforms. Refining the search wording - such as spider lift - did in part help and revealed several specific models including an Easy Lift R150, a refurbished Niftylift TD120 T and good looking Hinowa 17.75 varying in price from £15,000 to £26,500.

At the bottom end of the 'access platform' search was a very rusty £500 Pop Up push around lift that had obviously not seen any TLC for a very long time. There were also several smaller push arounds and small self-propelled lifts up to about £2,000.

Machines from dealers such as AJ Access Platforms and Access Machinery Sales (AMS) also came up in the search. AMS had a newly refurbished Genie GS1932 scissor lift advertised, one of a number of similar machines in its stock at £4,950. With 17 people watching, it was obviously attracting some interest but had not yet sold.

"The Genie GS1932 Scissor Lift is the perfect tool for most contractors to work safely at height in an internal environment. It can fit through a standard doorway,

has a safe working load of 227kg and features a 900mm sliding deck. Our refurbishments consist of a complete paint job, Genie non marking wheels, Genie decal kit, new batteries if required, fresh LOLER certificate and much more. The machine can be collected from its depot in Milton Keynes or we can deliver nationally" - says the blurb.

Adam Tucker of AMS adds: "We have been investing a lot into stock machines and have many units ready to sell. Machines are sourced from auctions or customers such as tree surgeons which may have a small spider or lift they want to sell. We like to stick to the main brands - JLG, Genie etc - and would not buy a machine that we didn't think we could sell, so we go for the more popular models. Often we have a buyer in mind before we source the machine."

At the top end of the eBay machines

**Genie GS1932 REFURBISHED Scissor Lift / Cherry Picker / Access Platform / MEWP**

**GBP 4,950 or Best Offer**

This refurbished Genie GS1932 scissor lift from Access Machinery Sales was on eBay

in the search was a 2011, 23 metre Isoli truck mount advertised for £30k with a new LOLER certificate. Another was for a 32ft Versalift ET32 NFXS mounted on a 2008 Ford Ranger pickup, with 145,000 miles at £8,995. In fact there was such a wide variety of equipment for sale - all prices and all conditions - including a 'bit rough but working'



This very rusty £500 Pop Up was seen on eBay



This 23 metre Isoli truck mount was advertised at £30k

66ft Genie S-60 boom for £3,995 and a 1998 17 metre Niftylift 170SD in 'good working order' for £7,995. However remember that if bought from a private individual the machine is 'sold as seen'.

One type of platform that does seem to hold its value very well is the trailer lift. One advertised by AJ Access Platforms on eBay was a 17 metre Niftylift 170HDE. Access Platforms is one of the more established UK dealers. Founded in 1990 it has grown to become one of the leading suppliers of new and used access platforms in the UK and internationally. A regular exhibitor at Vertical Days, it says that all of its work platforms are checked, tested and serviced by its team of engineers and are compliant with industry standards. It also offers a service and maintenance agreement that includes an annual service, two mandatory LOLER inspections, up to date certification and authorisation

documents and condition evaluation to take the hassle out of maintaining the access platforms.

**The more unusual**

The more established dealers will always concentrate on equipment that sells easily - i.e. popular types and sizes from the leading manufacturers. However the very nature of eBay means that you can stumble across the more unusual models and equipment types.

One aerial work platform that was on the site a few weeks ago was a battery powered Aichi RM04B tracked vertical mast lift with stabilisers. The unit has a 3.8 metre platform height, 200kg platform capacity, with an overall length of 1.25 metres and an overall width of 770mm with an all up weight of 630kg. No year was given in the description but from the pictures the



*Pfeifer Heavy Machinery is one of the leading international used equipment dealers for cranes and aerial work platforms*



*eBay throws up the more unusual equipment such as this Aichi RM04B tracked vertical mast lift*



*AJ Access Platforms was advertising this 17 metre Nifty trailer lift for £9,650*



condition looked pretty good. The price? - £4,995.

At the end of 2017 the November issue of Cranes & Access featured one of the leading international used equipment dealers for cranes and aerial work platforms, Netherlands based Pfeifer Heavy Machinery. Pfeifer has annual revenues in excess of €50 million and claims to sell around 1,800 platforms and about 200 All Terrain cranes each year, however currently it says the market has cooled due to uncertainty.

Area manager Wesley Wittstock said: "The first two quarters of the year have been slower than expected. As a whole, the used machinery market has cooled across Europe. We cant ignore the fact this coincides with Brexit dragging on and on, plus the 2019 European Parliament elections. The used

equipment sector is cyclical with its traditional highs and lows through the year, but this year's form is definitely bucking the trend."

Many have put this uncertainty on the wider impact of the Brexit fiasco, but the reality is that many developers and companies are sitting on their hands and not giving the green light to many scheduled large projects. President Trump's tariffs and the risks of a wider trade war or wars, as well as the developing situation with Iran and the talk of a global recession are in the back of many peoples' minds. If the impact of all this uncertainty causes projects like the UK's new high speed rail link HS2 to be cancelled this could be a serious time for many equipment suppliers. With less work, equipment rental companies and users will putting off buying new equipment and keeping



**Extraordinary Height Larger SWL Ultra-light Design**

**Subversive Design**

Sophisticated European R&D-Intelligently manufactured by Dingli in a new state of the art facility-Global Patent Protection

**Subversive Innovation**

Innovative technologies such as dedicated axles, overall component downsize, lower counterweight for lower center of gravity and lighter machines, modular design for ease of maintenance and interchangeability of parts.

**Subversive Performance**(Compared with the same model in the industry)

The maximum working height heights have been increased by more than 2m to 30m on the telescopic Boom Lifts is 30m and 28m the Articulating Boom Lifts. Both models can be loaded into a standard container.

Maximum SWL increased by more than 30% to 450kg on telescopic booms and 320Kg on articulating Boom Lifts.

Maximum Horizontal Reach is increased by more than 1m.

Maximum gradeability is 50%, an increase of more than 20%.

The weight of the whole machine will also be 1 ton lighter.

**Subversive Maintenance**(Low maintenance costs)

With a family-style modular design, 95% of the parts and more than 80% of the structural components are common across the range.

More convenient maintenance and lower cost of components storage.

Simple to maintain with integrated component down design.

With dedicated axles, the failure rate is lower.

**Telescopic Boom Lifts**

**BT24RT**(24m)      **BT26RT**(26m)

**BT28RT**(28m)      **BT30RT**(30m)

**Articulating Boom Lifts**

**BA24RT**(24m)      **BA28RT**(28m)



**ZHEJIANG DINGLI MACHINERY CO.,LTD.**

No.1255 Baiyun South Road, Deqing, Zhejiang

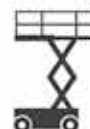
P.R.C 313219

Tel:+86-572-8681688

Fax:+86-572-8681690

E-Mail:export@cndingli.com

Http://www.cndingli.com





*'The market so far this year has been unusually flat' according to Pfeifer Heavy Machinery*

existing machines as they protect their cash and perhaps look to pay down debt.

Historically there have been certain products that have been very sought after on the used market. Large heavy duty scissor lifts, such as those made by Holland Lift for example have been very popular, primarily because the demand for new machines has resulted in very long lead times from the limited number of manufacturers. This has led to a very brisk trade for used machines but as they became more scarce rental companies with fleets of these machines are increasingly holding onto older machines and have started their own refurbishment programmes to ensure they have enough good quality equipment in their fleets. However with the current reduction in the number of buyers, prices are softening a little and better deals can be done, so now looks like a good time to buy. This lack of

confidence and the holding back of contract placement is also having an effect on the crane market. According to one dealer there are now a record number of crane owners talking about offloading two, three and four year old models, rather than have them sitting in the yard and not working.

**10,000th used Liebherr sold**

One crane company doing well in the used crane market is Liebherr - the leading mobile crane manufacturer - which also claims to be the largest used crane dealer in the world. Liebherr Ehingen recently supplied its 10,000th used crane - a 350tonne Liebherr LTM 1350-6.1 - to Australian crane contractor MCG Cranes of Thomastown, Victoria. It is now the company's largest All Terrain crane and will be used for erecting and dismantling its own tower cranes.

MCG Cranes realised that with the current long lead time for a new LTM 1350-6.1, the only option was to buy a factory approved used crane. Going directly to the Australian Liebherr subsidiary meant it was purchasing a machine which had been inspected and tested



*Liebherr has recently supplied its 10,000th used crane - a 350tonne Liebherr LTM 1350-6.1*



*Mediaco's used LR 1600 had several benefits including shorter lead times and lower investment*

by the manufacturer, this one at Liebherr's own repair centre in Ehingen, but it also has centres in Oberhausen and Alt Bork near Berlin as well as in a number of other countries within the worldwide Liebherr sales and service network. Liebherr says that it maintains a large selection of used mobile and crawler cranes in stock and inspects every machine before it is sold to ensure that it meets the latest regulations and is in a safe and reliable working condition. It also provides inspections, technical acceptance procedures and even complete factory renovations with new paintwork and signwriting

and if required can also supply an extended crane warranty. As the manufacturer, it can adjust the crane configuration to meet the customer's needs. For example, MCG Cranes ordered a remote control system and preparations to operate the crane with a dolly. Liebherr modified the crane with factory installed systems, making it ready to be licensed to work in Australia, without further need for local modifications.

Major European crane companies are also looking to purchase used cranes rather than new. At the beginning of the year France's leading crane rental company Mediaco took delivery of two used lattice boom cranes from Liebherr - an eight year old LR 1600/2 crawler and a nine year old LG 1750 mobile crane.

"Purchasing used cranes delivers a whole range of benefits," said managing director Alexandre-Jaques Vernazza. "The lead times are shorter, and the investment is lower. Liebherr cranes are renowned for retaining their value. Purchasing used cranes direct from the manufacturer also gives us security."

Mediaco ordered the crane with a number of substantial configurations, retrofitting a derrick ballast with VarioTray on both the cranes for example. The LG 1750 was also supplied with an additional



*MCG Cranes' LTM 1350-6.1 on its first job*



*Mediaco recently took delivery of two used Liebherr lattice boom cranes - this is the nine year old LG 1750*

# CRANE SAFETY 2019 RAISING SAFETY STANDARDS FOR CRANE AND LIFTING OPERATIONS

Institution of  
**MECHANICAL  
ENGINEERS**

**17 September 2019**

Institution of Mechanical  
Engineers, London

**"IT'S AN ESSENTIAL  
PART OF THE  
CALENDAR  
FOR EVERYONE  
INVOLVED  
IN LIFTING  
OPERATION  
SAFETY."**

Principal Associate, Hawkins

Hear insights from leading construction companies about recent projects and practical guidance from the industry regulator. Join breakout sessions that will explore the key issues being faced in major construction projects and identify methods to overcome them.

This is a unique opportunity to learn industry best practice and how your organisation can address the challenges of risk and incident reduction, cost savings vs maintenance and compliance with safety legislation.

## HEAR GUIDANCE ON KEY TOPICS INCLUDING:

- Strategies for Improving Safety and Reducing Risk
- Training and Managing Human Factors
- Increased Digitisation and Automation for Lifting
- Materials and Non Destructive Examination
- Legal Responsibilities and Managing Risk
- Predictive Versus Preventative Maintenance Strategies for Lifting Assets
- Effectively Balancing Maintenance Requirements with Cost Constraints

MEDIA PARTNER:

**Vertikal**  
.net

Save 10% before 26 July 2019 [www.imeche.org/cranesafety2019](http://www.imeche.org/cranesafety2019)

winch and the ballast supports were modified to ensure that not only can the 12.5 tonne slabs be used, but also 10 tonne slabs used on other Liebherr lattice boom cranes which Mediaco already has in its fleet.

Liebherr used cranes sales manager Bernd Rechtsteiner added: "Other benefits of purchasing a used Liebherr is that customers can obtain finance more easily as banks and leasing companies also appreciate the security that we can offer as the manufacturer. Furthermore, the investment is lower than for a new crane and the cranes are generally available more quickly."

**Valuing a crane?**

At the polar opposite end of the crane purchasing scale to buying from the major manufacturers is using a crane broker - a person or company that puts the buyer and purchaser in touch with each other, taking a fee for the work. These people may also offer crane and fleet valuations for those selling. But how do you value a used crane?

The start point is the original price

paid. According to one broker and contrary to popular belief, there is little difference in the price paid for a crane between a small user or a very large national crane hire company - possibly only varying by four to five percent depending of course on the size of the deal. A proven calculation based on hundreds of used crane sale valuations is then applied and the price compared with similar cranes that have recently been sold.

For larger cranes - say over 500 tonnes - there is a different calculation which is perhaps three to five percent more than smaller capacity cranes mainly because larger cranes significantly hold their value better.

An allowance is also made for condition, mileage and options such as jibs and extensions etc. All Terrain cranes with mileage approaching 200,000km or more is too much for many buyers in terms of wear and tear on the engine, transmission, axles and suspension etc and therefore worth a lot less. The price may be reduced to that of



*This low mileage 2014, 500 tonne Liebherr LTM 1500-8.1 is advertised on an internet site for €3,600,000*

a model a year or two older. For example, a seven year old 500 tonne Liebherr is typically worth about 55 to 58 percent of the average €3.2 million price for a new machine. If it has done less miles and low hours then it is worth more. Sellers want the most for the cranes however there is a lot of hearsay and gossip about prices particularly how cheaply they have been bought. But why tell people about purchasing a cheap crane as you will want to sell it in a few years? At the end of the day the price agreed is the one acceptable

to both parties. Purchasers almost always ask for pictures of the crane before considering it, not principally to see the condition but often more to see the colour and establish who owned the crane before and therefore make a judgement on how well it has been maintained. Of course you can also check the crane's history by asking for a readout from the LICON on a Liebherr and IC1 for Terex Demag which will identify performance and any overload situations - but this is not always asked for.

**Quality | Integrity | Excellence**  
**Always for Better Access Solutions**

[www.sinoboom.com](http://www.sinoboom.com)  
[sales@sinoboom.com](mailto:sales@sinoboom.com)  
 +86 731 871 162 22

f t in o y IPAF Member



*Be extra careful when sending money - always confirm the account details with the recipient before the transfer*

### Payment fraud and hacking

Online fraud and theft across all sectors of business has become almost an epidemic in recent years. The problem is exacerbated in the used equipment sector because of the high values for individual machines, particularly larger cranes or platforms worth millions of Euros. In recent months there have been instances of several unscrupulous individuals/con artists that have tried to defraud legitimate purchasers of their money. After hijacking individual or company email accounts, they can send out emails under the hacked company banner and name showing used equipment for sale. If the email recipients are interested they are asked to send a deposit to hold the equipment. Unfortunately this is all too often the last time they will see their money. This is not entirely a new phenomenon, but the dramatic internationalisation of the used equipment market, and arrival of new online technology and bank transfers the opportunities for fraud has exploded.

The fraudsters are also finding ways of hacking and intercepting invoice payments substituting a different bank account number resulting in payments going astray and into the criminal's bank accounts. If transferring money always phone

the recipient just before the transfer to confirm account details just to make sure - it is surprising how many companies do not do so, especially with holding deposits.

### Classic collectables

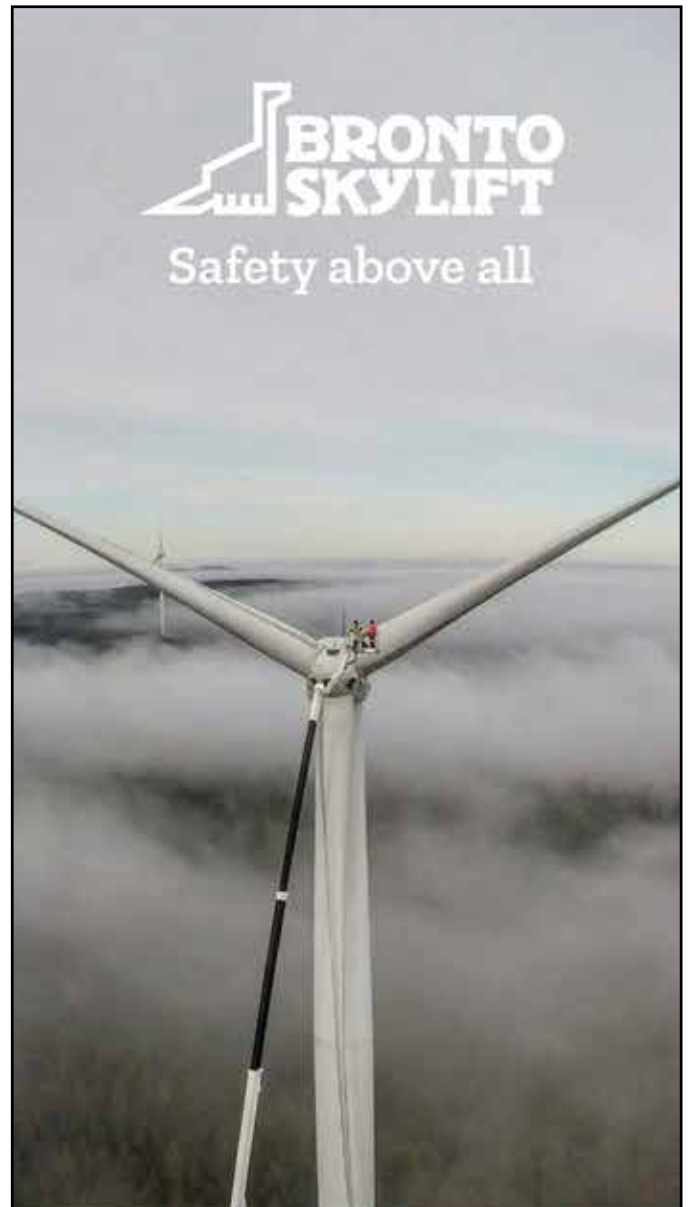
Never assume that the older the equipment the less value it has. Like the car market there are now some very collectable older machines that have achieved 'classic' status and as such have seen an increase in value. Although not crane or access related the following gives an indication of what is happening in the market. A vintage 1960's Hymac 480 excavator has just been sold in a Euro Auctions sale for £16,500 after being valued at around £4,000. The unit was unmodified, in good order and in excellent working condition, had its original paint finish and liveried to a previous owner.

Jonnie Keys, Euro Auctions' operations manager said: "The international interest in this machine was staggering. There are many collectors of these older machines, some collectors focus on specific brands, others on particular years or it may be the type of machine that started someone's career or business empire. A slice of history."

So it may be worth doing a little research if you have an early or limited run crane, telehandler or item of access equipment as it may be worth more than you think.



*This 1960's Hymac 480 excavator sold for more than four times its estimated price so it may be worth doing a little research if you have an early or rare item of equipment*



Safety | Uptime | Reliability

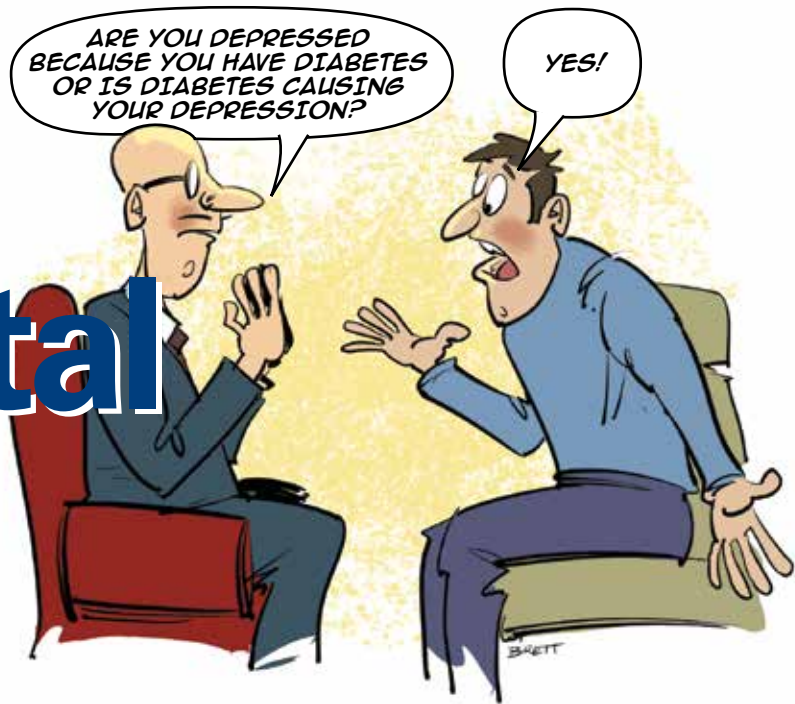
That's what Brontos are known for.

Focus on your job at heights and let a Bronto take care of the rest.



Take a look at the renewed [brontoskylift.com](http://brontoskylift.com)!

# Diabetes and mental health



The association between diabetes and depression has been well known for at least three decades, but major advances in the past 20 years have improved understanding of the biological basis for the relationship between depression and diabetes. A bi-directional relationship might exist between type 2 diabetes and depression - just as type 2 diabetes increases the risk for onset of major depression, a major depressive disorder signals increased risk for the onset of type 2 diabetes.

Many people do not realise the significance of the condition nor that there is a legal requirement in most European countries to report diabetes to the driving licencing authority, and that safety critical employees must be tested for diabetes. The condition leaves people at daily risk of low or high blood sugars which can cause people to act as if drunk, have sudden loss of consciousness or impaired awareness and concentration leading to devastating consequences if not correctly managed on site.

In the UK alone 720 people are diagnosed each day with diabetes (one person every two minutes).

With 2.73 million people employed either directly or indirectly by the construction industry, and with a national prevalence of seven percent it can be estimated that 199,100 people in the UK construction industry have diabetes. If we add to this more than half of the people working in the construction industry have reported experiencing mental health issues, it is clear more still needs to be done to address and support people with these health challenges.

Dr Partha Kar, associate national clinical director, Diabetes with NHS England says: "It is potentially the most devastating health crisis of our time. Diabetes can affect all aspects

of someone's life, and we know that people with diabetes experience disproportionately high rates of mental health problems such as depression, anxiety and eating disorders."

Three in five people with diabetes experience emotional or mental health problems and male site workers in construction are three times more likely to commit suicide than the average UK male. These shocking mental health statistics are a vivid reminder of the difficulties faced by many working in the construction industry every day.

The construction industry lifestyle is undoubtedly both challenging and stressful. Long and demanding hours, working away from home on site for weeks at a time and the lingering unease in the industry, are just some of the factors contributing to poor mental health, poor food choices and possibly diabetes. In a workforce that is predominantly male, specific risks associated with male mental health and healthy lifestyle choices also need to be considered along with the 'tough guy' image widespread in this industry. Asking for help and opening up about emotions or health conditions are just not things that come naturally to most men working in the industry. The combination

of these factors results in many suffering in silence.

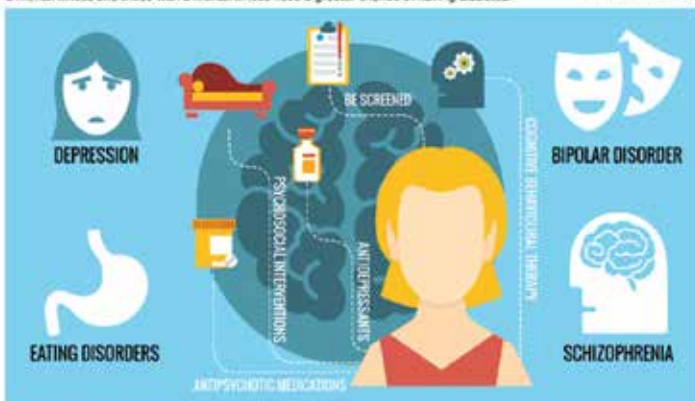
A significant report on diabetes and mental health led Chris Askew, chief executive of Diabetes UK, said: Diabetes affects more than 4.5 million people in the UK and is the fastest growing health crisis of our time. It can lead to heart disease, stroke, kidney failure and lower limb amputations. This new research brings to light the isolation that can come from managing an invisible condition, and how detrimental living with diabetes can be to a person's emotional wellbeing without the right support."

"People with diabetes and mental health problems show poorer compliance with treatment recommendations than people with diabetes without depression, and more frequently have cardiovascular



## THE LINK BETWEEN DIABETES AND MENTAL ILLNESS

People with diabetes have enough health concerns to deal with as do people with mental illness. Unfortunately, research shows that those with diabetes have a greater chance of also having a mental illness and those with a mental illness have a greater chance of having diabetes.





# JDL

## EXPO 2019

25-26-27 SEPTEMBER 2019  
Palais des congrès, Beaune, France

THE EXHIBITION OF THE PROFESSIONALS  
OF HANDLING, ACCESS PLATFORMS, LIFTING  
AND EXCEPTIONAL TRANSPORT!

**REGISTER NOW**

**ON: [JDLEXPO.COM](http://JDLEXPO.COM)**

**200**

EXHIBITORS

**800**

MATÉRIALS  
EXPOSED

**18 000**

VISITORS

1500 guests at the gala evening



A TOTAL SURFACE OF 53,000 sqm



# a1s Software

Your Data, Your Way

## The Leader in 3D Lift Planning

*Now bringing you more business tools for the unique needs of the crane industry.*

### iCraneTrax



### Plug & Play Telematics



### 3D Lift Plan



Sales & CRM Tools



GPS Tracking



Realistic 3D, Animation,  
Import Google Earth or CAD



GPS, Telematics &  
Maintenance Info



Maintenance Scheduling



Outrigger & Crawler Loads



Dispatch & Documentation



Faults/Alerts Notifications



Detailed Rigging Plans



Detailed Reports

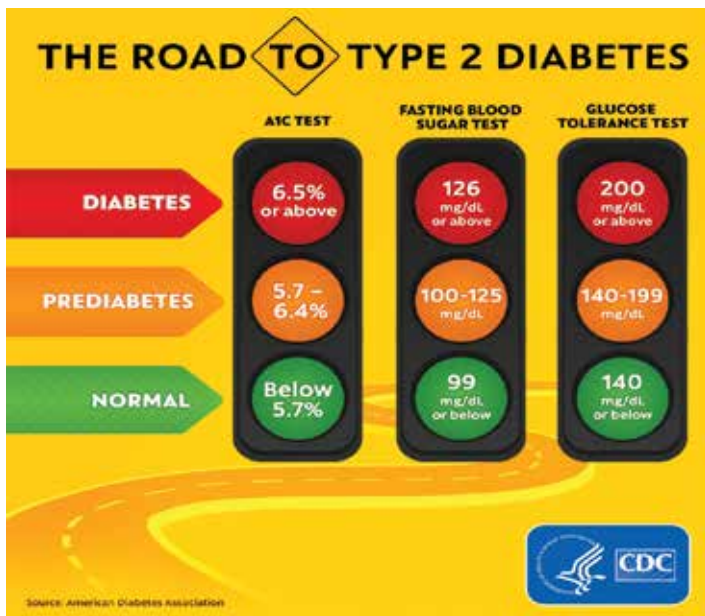


Usage Data



Largest Database of Cranes





risk factors such as smoking, obesity, sedentary lifestyle and poor glycaemic (sugar) control, which can impact on their health-related quality of life. It can also lead to a person acting as if drunk or blacking out, putting themselves, other staff and the company at risk of litigation. We know safety critical workers are tested for diabetes, but they are then unregulated back on site. The UK driving licencing authority - the DVLA - expect those on higher medications to be tested before driving machinery, but does your company ensure this is happening?"

The 2011 No Health Without Mental Health report estimated that introducing collaborative care for the treatment of depression in people with type 2 diabetes would save the UK's National Health Service and social care about £3.4 million in four years, with a further £11.7 million of benefits to individuals owing to improved productivity. As diabetes is not specifically reported in the construction industry, we are

unable to estimate savings but with an estimated 199,100 people with diabetes in the industry even saving one day per person absence would have significant financial benefit, never mind the decreased risk and liability associated to the condition.

The current work on mental health in the construction industry is incredible and inspiring. By adding diabetes understanding and health, we can increase the impact and help more people throughout the sector improve their lives, decrease absenteeism and increase safety.

**Kate Walker**, owner of *Diabetes and You*, works with companies and their staff to improve employee health through a number of initiatives, including talks, workshops and other support methods for employees.

[www.diabetesandyou.co.uk](http://www.diabetesandyou.co.uk)



**bennetts**  
TOWER CRANE PROFESSIONALS

**The Raimondi LRH 174 – the affordable new hydraulic luffer now available**

- High hoist speed
- 37kW or 45kW motor
- One fall/two fall
- 6.5m out of service radius
- 2m tower

Available exclusively with Bennetts, UK Raimondi dealer, for sale or hire.

**CONTACT US TODAY FOR FURTHER DETAILS**

🌐 [tower-crane.co.uk](http://tower-crane.co.uk)

📞 01453 811754

✉ [office@tower-crane.co.uk](mailto:office@tower-crane.co.uk)

# MOVING INTO 2020

We're  
shaping up for  
Vertikal Days 2020

[www.vertikaldays.net](http://www.vertikaldays.net)

**Exhibitors...** *be part of the show that grows - FULL DETAILS COMING SOON!*

# SKYLINE

TOWER CRANES

**SALES | RENTAL | SERVICE | MAINTENANCE**

**SKYLINE **  **TEREX** Skyline Arcomet Ltd | 609 London Road | West Thurrock | Essex | RM20 3BJ  
Tel: +44 (0)1708 860534 | Fax: +44 (0)1708 861553  
Email: [sales@skylinearcomet.com](mailto:sales@skylinearcomet.com) | Website: [www.skylinearcomet.com](http://www.skylinearcomet.com)

Authorised Distributor

# New Hire Controller Apprenticeship

**The CPA has launched the new Hire Controller Trailblazer Apprenticeship, following its approval by the Institute for Apprenticeships (IfA). The launch follows several years work by an employer-led Trailblazer working group which determined that a Hire Controller apprenticeship was critical to attract new recruits into the construction equipment industry, as well as upskilling existing staff into a new role. Hire controllers employ a wide range of skills and play a key role within rental companies.**

The Trailblazer Working Group was chaired by Kirsty Archbold-Laming, director of Southern Hoists, with representatives from a wide range of rental companies including A-Plant, AP Webb, Ainscough Cranes, Camfauds, Clee Hill Plant, GAP Group, Lavendon, MGF, Nationwide, Selwood and Speedy Services.

The CPA has provided managerial and administrative support throughout the process, while IPAF and the HAE have also been involved in the development of the new apprenticeship which is supported by the CITB. This means that it is recognised and

accepted by all primary trade bodies and industry federations in the equipment rental market, while CPA, IPAF and HAE members will all be able to make use of the new pathway into the rental and powered access rental industry.

The launch event was hosted by CPA technical development manager Peter Brown and the CITB's Neil Hartis and was attended by CPA chief executive Kevin Minton along with representatives from CITB, IPAF, HAE, members of the Trailblazer Working Group, employers and organisations who will be delivering the new scheme such as Askham Bryan College. The programme also has the support from several training providers including Reaseheath College, West Nottinghamshire College and Stephenson College.

The new apprenticeship has been set by the group at level two and will take between 12 and 18 months to complete with 20 percent of that time to be devoted to 'off the job' training. The IfA has placed it in funding band eight, which equates to £5,000 that can be spent or claimed by employers, regardless if they pay the apprenticeship levy or not.



In developing the standard the Working Group defined the required duties of a Hire Controller for the training syllabus including the provision of technical information to customers in helping them select and use suitable equipment for planned activities, ensuring the equipment being hired is compliant with Health and Safety requirements, completing contract documentation at both on and off hire stages, processing payments including calculating rental charges, damage charges, fraud prevention measures and insurance payments and handling customer technical enquiries and complaints.

The apprenticeship process aims to develop certain behaviours including forming positive relationships with

customers, working both within a team and independently, developing a 'Health and Safety first attitude', while being self-motivated to meet operational targets, remaining respectful of equality and diversity and committed to continual personal and professional development.

The standard containing the skills, knowledge and behaviours for the apprenticeship, as well as the assessment plan, can be downloaded from: [www.instituteforapprenticeships.org/apprenticeship-standards/hire-controller-plant-tools-and-equipment/](http://www.instituteforapprenticeships.org/apprenticeship-standards/hire-controller-plant-tools-and-equipment/)



## Skills strategy

**The CPA is currently drafting plans for a skills strategy that will help the rental industry take charge of recruiting the next generation of operators and mechanics, as well as looking what it can do to help and retain existing members of staff and those who have left the sector.**

The UK construction industry is set to grow substantially in the coming years as a large number of major infrastructure programmes

are developed including HS2, the most ambitious railway building programme in the UK for more than 100 years. Highways England plans a major upgrade of the UK's motorway network, while Heathrow's third runway has reached the planning phase.


The CITB's business plan states there will be 169,000 new jobs

needing to be filled in construction over the coming years, in addition to replacements for natural wastage and retirements. There are currently 45,000 people in further education studying a construction related topic yet CITB's research suggests that only 9,000 of them will choose a career in construction. It also suggests that an additional 1,900 equipment operators and mechanics a year will be required for HS2 alone. The CPA is to launch its strategy and create a working group later this year and wants the industry to take charge and tackle the skills shortages it faces.

The industry needs not only to reach out to schools and colleges, but

also focus on employee retention, mentoring schemes and opening up recruitment opportunities for former members of the military and ex-offenders. This is a long-term challenge that will not be solved overnight, the strategy will not suddenly create a highly skilled workforce, but it is a start.





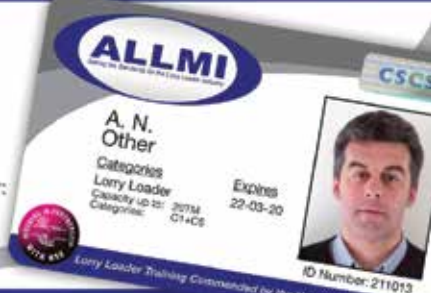
**LORRY LOADER OPERATOR TRAINING**  
Approved by CSCS

Other courses approved by CSCS:


- Slinger / Signaller
- Crane Supervisor
- Appointed Person
- Thorough Examiner

Courses also available for:

- Instructors
- Managers



*Lorry Loader Training Commended by the Health & Safety Executive*



**BUILD UK**  
Trade Association Member

The Trade Association for the Lorry Loader Industry  
Tel: 0344 858 4334 • Email: enquiries@allmi.com  
www.allmi.com



**cranes & access**

Get the whole story...

...follow us on

**facebook**

**twitter**

**Vertical**.net

**ALLMI** *Setting the Standards for the Lorry Loader Industry*

# ALLMI accredited Lorry Loader Operator Training Providers

**Nationwide**

**PALFINGER UK**

Contact: Sunny Patel  
t: 01380 722381 m: 07483 039588  
Email: sunny.patel@thwhite.co.uk  
www.palfinger.co.uk  
Devides, Bradford and Falkirk

**Nationwide**



**LorryLoader Training Ltd**

24, Mayfair Drive, Crewe, Cheshire, CW15BB  
Tel: 01270 505 824 Mob: 07970061171  
Web: www.lorryloader.co.uk

**Nationwide**

**ATLAS**  
CRANES UK LTD

Wharfedale Road, Euro Way Ind. Est. Bradford. BD4 6SL  
Tel: 08444 996688  
Neale Martin: 07836 238281  
Web: www.atlas-cranes.co.uk

**Nationwide**



**Hiab Ltd**

Cargotec Industrial Park, Ellesmere, Shropshire, SY12 9JW  
Tel: 01691 626427 Fax: 01691 626472  
e-mail: training.uk@hiab.com • Web: www.hiab.co.uk

**Are your Lorry Loader Operators properly trained? Call an accredited ALLMI training provider and insist on the ALLMI card.**

**The training accreditation service for the lorry loader industry**  
ALLMI, Unit 7b, Cavalier Court, Bumpers Farm, Chippenham, Wiltshire. SN14 6LH.  
tel: 0344 858 4334 email: enquiries@allmi.com web: www.allmi.com

## Thorough Examiner App Tools

ALLMI has released the latest update to its App, with developments including tools for Thorough Examiners which facilitate calculations for overload, stability and sink rate tests, as well as RCI/RCL calibration.

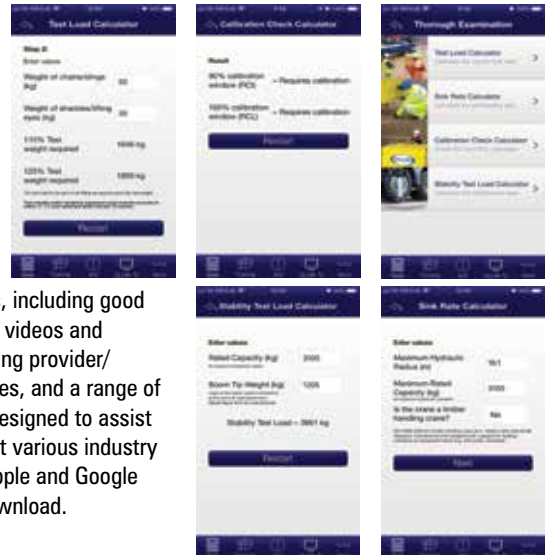
The tools will be a valuable aid to engineers conducting Thorough Examinations on lorry loaders. They are aimed at competent, experienced people working in this field and so do not attempt to explain the required procedures, but rather provide a quick and simple way of calculating the applicable test loads or parameters.

ALLMI CEO, Tom Wakefield says: "We are currently working on

another tool for Thorough Examiners which will provide guidance on safety systems that should be fitted depending on the age of the loader crane, as well as one for operators covering pre-use checks. The aim is to launch both of these in the second half of this year, so look out for further updates."

Free of charge and compatible with iOS and Android operating systems, the ALLMI App contains an array

of features that benefit those involved with lorry loaders, including good practice/safe use videos and documents, training provider/member directories, and a range of calculator tools designed to assist users carrying out various industry roles. Visit the Apple and Google Play stores to download.



## Thorough Examiner course revision

The importance of ALLMI's Thorough Examiner course continues to be highlighted, with 15 percent growth in demand during the last financial year, and a further 10 percent rise so far this year. In spite of increasing recognition, one of the Association's key projects in the second half of 2019 is to review and update this popular training programme.

ALLMI Technical manager, Keith Silvester says: "The training provides a very high benchmark for Thorough Examination and Load Testing practices, which is essential, given that these activities are fundamental to the safe use of lorry loaders. Since its inception in 2007, the course has gone from strength to strength in terms industry recognition and uptake by members, cementing its place as by far the most credible training of its type. However, as with all ALLMI courses, our ethos is always to evolve and improve the training, taking into account employer and candidate feedback, and ensuring that it continues to lead the way in terms of reflecting industry good practice, product development, standards and legislation. To this end, we will be working closely with our Technical Standards Committee over the coming months to explore a series of developments that will further enhance the programme in terms of course content, documentation and methods of delivery, all of which will directly benefit manufacturer/service company members, as well as having a positive impact on the wider industry."

The ALLMI Thorough Examiner course contains the following modules:

- Legislation
- Safety Considerations
- Documentation
- Visual Inspection
- Function Check
- Calibration Check
- Overload Test
- Stability Test
- Dynamic Test
- Post Test Inspection
- Signing Off
- Practical Session
- Assessments



### What information is legally required in a Report of Thorough Examination?

Schedule 1 of LOLER clearly states the information legally required within the report. See [www.allmi.com/schedule1](http://www.allmi.com/schedule1) for full details.

### Who can be considered competent to carry out a Thorough Examination?

The LOLER ACoP defines a competent person as having "such appropriate practical and theoretical knowledge and experience of the lifting equipment to be thoroughly examined as will enable them to detect defects or weaknesses and to assess their importance in relation to the safety and continued use of the lifting equipment."

**Practical Knowledge:** This translates as 'hands-on' knowledge and experience of the safe operation, repair methods, common faults and/or product foibles of the machine being examined.

**Theoretical Knowledge:** Knowledge of the relevant legislation and standards; knowledge/experience of the associated hydraulic, mechanical and electrical/safety systems, as well as calculations relating to test loads and calibration parameters.

Chief executive Tom Wakefield says: "ALLMI works hard to continually highlight the importance and legal requirement for Thorough Examinations to be carried out only by engineers who are correctly trained and competent. We've always said that one of the most effective ways for fleet owners to be confident of receiving this level of service is to use an ALLMI Accredited Thorough Examiner from an ALLMI member company, and these engineers are listed on our website as part of their employer's profile."



For details of ALLMI standards, guidance documents and training, visit: [www.allmi.com](http://www.allmi.com)

SUBSCRIBE TO THE  
**C&A**  
NEWS PACKAGE  
AND GET THE  
INDUSTRY'S  
MOST WIDELY  
READ NEWS



**EVERY ISSUE**

Delivered to your door

**PLUS**

**DIGITAL ISSUE**

Online

To get your  
**SUBSCRIPTION**  
up and running  
register online at  
[www.vertikal.net/en/subscriptions](http://www.vertikal.net/en/subscriptions)

**YEARLY SUBSCRIPTION**

£40.00/€60.00

(UK and Ireland)

€75.00 (Rest of Europe)

\$110.00/£60.00 (Other regions)

Payable by BACS transfer/  
credit card/cheque

**AN INDEPENDENT NEWS SERVICE COSTS MONEY AND  
NEEDS YOUR SUPPORT SUBSCRIBE TODAY!**



# IPAF to trial virtual reality advanced operator tests using simulators

After several months of development and fine tuning, IPAF is ready for "controlled trials" of its PAL+ advanced operator assessment in a virtual reality (VR) environment using simulators.

IPAF will conduct controlled trials involving some of its training members to deliver PAL+ training that will test candidates using the

latest simulators instead of real machines. The other elements of the PAL+ course, notably the theory module of the course and the pre-use inspection, will be conducted as usual at an approved IPAF Training Centre.

Chief executive Tim Whiteman said: "After last year's consultation and the analysis of the feedback received, and working very closely with members, it is our considered view that, while we still want to see people taking their basic operator instruction using real machines, for more advanced operators, we can be confident of assessing their skills and behaviours using simulators."

The trials are taking place on specific simulators that have been approved for this purpose by IPAF's training department. Giles Councill, IPAF's director of operations, who has been leading the development of IPAF's training in new and next generation applications, added: "Working with some of our largest training provider members in both the UK and the US, we will now embark on proving trials testing genuine PAL+ training candidates in the way we would normally, but with the assessment taking place on a simulator. If they pass their assessment, they will be issued with their certification to PAL+ - these are not 'dummy runs'.

"If the trials prove successful, we will look to fully develop the IPAF PAL+ course into eLearning and VR by developing a digital version of the theory module and simulated pre-use inspection. It's a very exciting step forward and one that could revolutionise and enhance the ways our accredited training centres deliver IPAF courses."

It is hoped that by moving the PAL+ course into the VR environment, this will open up IPAF's advanced operator training as a viable option for more approved Training Centres, and in turn make it more attractive to trainees, who will need to spend less time away from their jobs.



## New Hire Controller Apprenticeship

A new Hire Controller Trailblazer Apprenticeship has been launched in the UK, with assistance from IPAF, which helped develop the new standard and associated end point assessment and worked together with employers and other trade bodies to create a common set of documents to support the new apprenticeship programme.

IPAF attended the London launch event for the new apprenticeship, with Richard Whiting, UK & Ireland general manager, and training manager Paul Roddis, having worked closely with the implementation group and create a common set of supporting materials including Apprentice Logbook.

Whiting said: "We have been part of this Trailblazer group, which is chaired by Kirsty Archbold-Laming, and IPAF, the CPA and HAE all worked together to devise a common set of documents in support of the standard, which are recognisable and acceptable for all federations and trade bodies whose members will be making use of this new pathway into the wider UK rental industry.

"IPAF has likewise been instrumental in developing a new Lift Truck and Powered Access Engineering Technician Trailblazer Apprenticeship, which will be similarly ready to launch imminently."

More information is available, including grant funding at [www.citb.co.uk/levy-grants-and-funding/grants-funding/skills-and-training-fund](http://www.citb.co.uk/levy-grants-and-funding/grants-funding/skills-and-training-fund)



### 'Super PDS' for UK training instructors

IPAF's Professional Development Seminar (PDS) for UK instructors will be a combined 'Super PDS' for the UK on 17 September at the Holiday Inn Birmingham, and booking is now open via [www.ipaf.org/events](http://www.ipaf.org/events).

## Kennard to speak at Europlatform

Angus Kennard of Kennards Hire, Australia has joined the list of speakers for Europlatform 2019 which will be held in Nice, France, on 3rd October.



## IPAF events

IPAF supported this year's CPA Stars of the Future event, apprenticeship award event, the association was represented by training operations co-ordinator Susan Foster and UK market general manager Richard Whiting.

The IPAF UK Elevation 2019 open meeting, conference and dinner in Coventry will be held on 27th November. Speakers will include Karl Baum of F-Tec, David Bishop of Build UK, and Ray Cooke of the Health and Safety Executive.

The West Midlands Regional IPAF meeting, to be held 18th September at the Bromsgrove Hotel & Spa. The speaker line-up includes Jonathan Till of GT Access, Dean Hammond of Point of Rental Software, Mark Evans of Dudley Mind, and Keith Rudd of Platinum International. Richard Whiting will also give an IPAF update.

# PASMA training

training  
utn

available throughout the UK

PASMA TOWERS FOR USERS  
PASMA LOW LEVEL ACCESS  
PASMA WORKING AT HEIGHT ESSENTIALS  
PASMA COMBINED LOW LEVEL ACCESS & TOWERS FOR USERS

t 08707 871 511  
e info@utntraining.co.uk  
w utntraining.co.uk



PART OF THE AFI GROUP OF COMPANIES

## Vertical days

Thank you for all of you who exhibited or attended this year's Vertical Days event at Donington Park last month. The dates and location for Vertical Days 2020 will be announced later this summer.

Meet  
**DINO 280RXT**  
Higher. Lighter. Smarter.

100% up to the job

- Improved operator experience
- Superior boom performance
- Lightweight, excellent rough terrain access

**DINOLIFT**  
UP TO THE JOB

[www.dinolift.com](http://www.dinolift.com)

## GOING UP IN THE WORLD

A history of Simon Engineering, the development of the powered access industry and a lifetime as an engineer, by Denis Ashworth

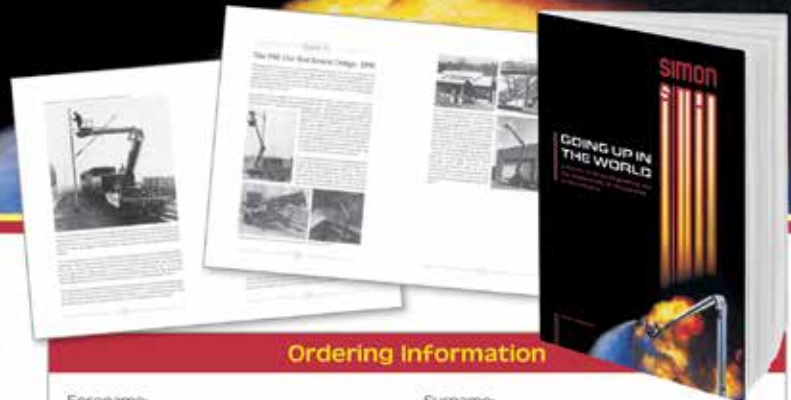
Ashworth was a keen engineer and from an early age found himself in at the very start of the modern powered access industry.

His book is an unusual combination of autobiography and history of Simon Engineering Dudley, a pioneer of the powered access industry and at one time, the world's largest manufacturer of aerial lifts.

The coffee table sized book, is highly readable and includes around 150 photographs and drawings from the very beginning of the industry. It is a 'must read' for anyone who is interested in powered access, the hydraulic equipment industry or in comparing modern day engineering challenges with those of an entirely different era.

The book is available direct from the publishers at £19.50, plus £4.50 postage and packing.

- Continental Europe €23 plus €6.50 postage & packing
- Rest of world \$31 plus \$10 shipping



### Ordering Information

Forename: \_\_\_\_\_ Surname: \_\_\_\_\_

Address: \_\_\_\_\_

Post Code: \_\_\_\_\_

Email: \_\_\_\_\_ Telephone: \_\_\_\_\_

Please make all cheques payable to 'The Vertical Press Ltd'

I enclose a cheque for £24 (£19.50 + £4.50 p&p)

I enclose a cheque for €29.50 (€23 + €6.50 p&p)

I enclose a cheque for \$41 (\$31 + \$10 p&p)

Please invoice me: \_\_\_\_\_

Please debit my card:

Card No: \_\_\_\_\_ Issue No: \_\_\_\_\_

Issue Date: \_\_\_\_\_ Expiry Date: \_\_\_\_\_ 5 Digit Security Code: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please send completed order form to: The Vertical Press, Box 699B Brackley, NN13 5WV, UK. Alternatively, fax it through on +44(0)1295 768225 or scan & email info@vertical.net

# PASMA Conference

## 2019

On 26th September, the mobile access tower industry will come together at the PASMA



Conference 2019 at the Forest of Arden Marriott Hotel in Coventry.

A full programme of expert speakers will share insights, advice and news on all things tower related, with a special emphasis on the safe use of towers and the versatile ways you can use them. It is also a chance to meet PASMA staff and learn about opportunities, and discuss an involvement with the association, becoming a PASMA training instructor or Lead Instructor. PASMA members will display complex tower builds in a special courtyard of the hotel. The conference is free to attend and will be of interest to everyone whose work involves towers in any capacity, including users, employers and health and safety professionals.

## Peter Bennett collects OBE

PASMA managing director Peter Bennett has dedicated his career to preventing falls from height and his contribution was recognised when he collected his OBE from the Queen at the Palace of Holyroodhouse, Edinburgh.

Bennet is managing director of PASMA, executive director the Ladder Association, chairman of the Access Industry Forum (AIF) and a founding trustee of the No Falls Foundation. He also serves on several national and international standards committees, sits on various advisory groups at the Health and Safety Executive and contributes to the work of the Better Regulation Panel at the Department for Business, Energy and Industrial Strategy. He was also instrumental in the creation of the All-Party Parliamentary Group on Work at Height, which is pushing for improved regulation to prevent serious injuries and fatalities.

"If you work at height, I want you to go home safely at the end of every day. From speaking to survivors of a fall from height, I know that the consequences are often life changing and affect not just the victim but also their family, friends and colleagues. If you work at height, or are responsible for those who do, please, please take safety seriously," said Bennet.



Peter Bennett

## Dates for your diary

PASMA will be represented at the following events:

- Working Well at Height: Low Level Access, Bootle, 25 July
- WWT Working Well at Height Seminar, 12 September, Kettering
- Health & Safety North, Manchester, 8-9 October
- UK Construction Week, Birmingham, 8 October (as part of the Access Industry Forum)
- AIF National Work at Height Conference, Manchester, 14 November
- The National Painting and Decorating Show, Coventry, 26-27 November

## Falls from height biggest cause of workplace fatalities

Falling from height remains the single biggest cause of fatal accidents in UK workplaces, according to new figures released by the Health and Safety Executive. In the 12 month period to March, 40 people died following a fall from height at work, up from 35 last year.

Alison Thewliss MP who chairs the All-Party Parliamentary Group said: "These statistics show that this issue is not going away. It is imperative that the Government takes forward the recommendations made in our report (Staying Alive: Preventing Serious Injury and Fatalities while Working at Height) which have been devised with input from industry and key stakeholders. We have already had a positive response from Government and the HSE, but time is of the essence when it comes to safety in the workplace, and we need to ensure these actions are taken forward as quickly as possible."

## National Work at Height Conference

PASMA is part of the Access Industry Forum (AIF), which is holding its national conference in November.



From designing for access and the role of virtual reality to mental health awareness and managing risk, this unique event will bring together expert speakers to address the issues and topics set to shape the future of working at height. Tickets are available from: [accessindustryforum.org.uk/conference](http://accessindustryforum.org.uk/conference)

Running alongside the conference will be the work at height exhibition. All 11 members of the Forum will be represented, together with companies and organisations serving the height safety sector.

## Test and Research Centre

PASMA has completed the purchase of a property in Soham where its new Test and Research Centre will be based. Renovation work is currently underway. When completed manufacturers will be able to send their towers for testing and PASMA will also run its own training courses from there, such as Instructor Training and Towers for Professional Riggers.



PASMA's John Darby and Peter Bennett inspect the new facility



For more information about the Access Industry Forum (AIF) and the No Falls Foundation charity for working at height, please visit [www.accessindustryforum.org.uk](http://www.accessindustryforum.org.uk) and [www.nofallsfoundation.org](http://www.nofallsfoundation.org)

# Are your staff properly trained?

## Don't risk it! Call a certified local company today.

**IPAF & PASMA working at Height training throughout the UK**

**utn** training

PAL+ OPERATOR    DEMONSTRATOR MEWPS FOR MANAGERS    TOWERS FOR USERS LOW LEVEL ACCESS

☎ 08707 871 511    [www.utntraining.co.uk](http://www.utntraining.co.uk)    PART OF THE AFI GROUP OF COMPANIES

**EMERSON**  
LIFTING SAFETY STANDARDS

CPCS TRAINING COURSES AVAILABLE  
BOOK TODAY ON 020 8548 3900  
OR VISIT [WWW.EMERSONCRANES.COM](http://WWW.EMERSONCRANES.COM)

**IPAF & PASMA Training**

Call 08707 871 511 or visit [afi-training.co.uk](http://afi-training.co.uk)

**IPAF PASMA**    **AFI TRAINING**

**IPAF PASMA**

**TRUSTED SPECIALIST TRAINING CENTRE**

call +44 (0)1291 421 155  
email [training@accessplatforms.com](mailto:training@accessplatforms.com)  
visit [accessplatforms.com](http://accessplatforms.com)



**TVH**  **IPAF**  

**LICENSED TO SKILL**

Technical training courses for powered access equipment  
**TVHPARTS**    [www.tvh.com/en-gb/training](http://www.tvh.com/en-gb/training)    [ftec.training@tvh.com](mailto:ftec.training@tvh.com)

**PASMA**    IPAF and PASMA Training Nationwide

**IPAF**    

**IPAF**    **CITB**

01246 386900  
[www.mentortrainingsolutions.co.uk](http://www.mentortrainingsolutions.co.uk)



**We offer IPAF and PASMA courses and a wide range of Height Safety Training...**

For further information on our training courses:

☎ 0115 924 1349  
✉ [aplanttraining@aplant.com](mailto:aplanttraining@aplant.com)  
🌐 [www.aplant.com/training](http://www.aplant.com/training)



**APPOINTED PERSON  
CRANE SUPERVISOR  
SLINGER SIGNALLER  
OVERHEAD TRAVELLING CRANE  
MOBILE CRANE**

**C M T**  
CONSTRUCTION AND MANAGEMENT TRAINING  
THE UK'S TRUSTED TRAINING PROVIDER

[www.c-m-t.co.uk](http://www.c-m-t.co.uk) | [coursebooking@c-m-t.co.uk](mailto:coursebooking@c-m-t.co.uk) | 08433 301 236

All training centres above offer **IPAF/PASMA/CPCS** or other approved and audited training courses. European directives and most national regulations require that staff are properly trained in the safe use of the equipment they operate. If you wish to become a sponsor of the Training & Safety page opposite by advertising, contact us on [info@vertikal.net](mailto:info@vertikal.net)

# £407k for crane fatality

UK electromagnet manufacturing company Tesla Engineering has been fined £400,000 plus costs of £7,546 following the death of an employee in an overhead crane incident in March 2018.

Craig McEwan, 34, a unit manager at Tesla was working on top of a tank, at the facility in Storrington, West Sussex, when he was caught between a moving overhead gantry crane and a metal chimney, suffering fatal crush injuries. The company had only recently installed the metal chimney to the top of the tank, increasing the height at which staff had to work. However, no measures were put in place to ensure that the crane was not operated while employees were working on the tank.

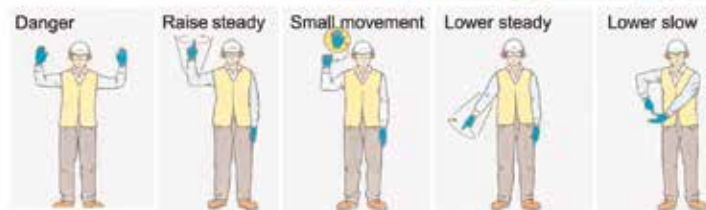


The tank, chimney and crane

## Hand signals for excavator lifts

The Off-highway Plant & Equipment Research Centre at the University of Birmingham has published a voluntary code of practice - 'Hand signals for when excavators are used as cranes'. The document aims to address the issue of poor communication between excavator operators and banksmen by providing a set of unequivocal - and in many cases long established - hand signals, to help train and educate operators and banksmen when using excavators as cranes to handle objects. It includes illustrations of 23 different recommended signals, ranging from the most simple and basic directions to the more complex.

The document which is free of charge, with copyright free charts and photographs, also acknowledges that excavators are fairly widely used to handle suspended loads, and takes the view that, given the fact it happens, it is best to provide advice on the signals to use as well as the need for proper lifting lugs and slings.



## £86k of fines and community service for scaffold tower fall

UK-based Turnkey Contractors and its subcontractor Cedar Ridge Construction have been fined £40,000 each plus costs of £3,184, while Turnkey director Santokh Dhanda has also received a 100 hour Community Service Order, after an employee was injured following a fall from a scaffold tower during the refurbishment of a pub in Reading in December 2016.

Samuel Goemans of Cedar Ridge suffered a serious head injury after falling from the tower onto the street below. His injuries have led to long term brain and memory problems along with seizures and the loss of the ability to care for himself. An investigation found that Turnkey failed to control the safety and planning on site and that Cedar Ridge carried out unsafe working practices.

## Eliminate Downtime campaign

Danish telematics supplier Trackunit and UK contractor BAM Nuttall have hosted the first Eliminate Downtime industry conference in London to highlight the costs of downtime and find solutions to increase productivity, safety and profitability. The Eliminate Downtime movement has the ultimate aim of completely eliminating downtime from the construction industry by 2025. Speakers from BAM Nuttall, Trackunit, Nationwide Platforms, P Flannery Plant and Plantforce Rentals covered highlighted their personal experiences and failings, while looking at solutions based on collaboration and open communication.

## £31k fine for ladder fall

UK contractor Clear Property Solutions has been £30,000 plus costs of £1,302.60 after a builder fell seven metres onto a concrete floor at one of its sites in Sheffield.

In April 2018 A self-employed builder, 34, had finished installing a flat roof on a dormer extension at the rear of a property. He climbed off the flat roof onto a scaffold using an unsecured folding ladder, the ladder slipped, and he fell onto the concrete floor below, sustaining two shattered heels and a fractured skull resulting in swelling and bleeding on the brain. An investigation found that the company had not completed any risk assessments, method statements or construction phase plan for the works. Men working on the site were also not trained on working safely at height.



The site of the accident

## Who trained him then?

A reader in South East Asia sent this photograph of three men trimming trees. In order to reach the higher limbs, they have placed a pallet on the forks of an industrial forklift, added an extension ladder cantilevered against the fork carriage. One of the two men has climbed the ladder, while the other foots it, and provides counterweight. Brains left on the ground!



# Liebherr LTM 1090-4.2

The Liebherr 1090-4.2 is a 90 tonne capacity four axle crane with a 60 metre, seven section main boom. This 1:50 scale model of it is by WSI Models of Holland.

The model is highly detailed and underneath the transmission and suspension systems are replicated in detail, while the wheels have a decent tread pattern on the tyres and a slightly different wheel design on the non-driven axle. The tyres also have Michelin branding in the sidewalls. Each axle steers independently with the range of steering movement being good.

The details on the carrier are also of a very high standard. Inside the cab Liebherr is printed on the seat backs while the computer console and dashboard have graphics applied. Behind the carrier cab there are mesh grilles which look very authentic. The carrier deck has some very nice texturing and there are working fold down ladders.

The outriggers are very good with smooth cylinder rods and small plastic spreader plates included.

The high level of detail continues on the crane superstructure, with hydraulic hosing and a nicely replicated cab interior with more graphics on the controls. The cab also tilts as on the real machine. The cylinder barrel on the boom lift cylinder is metal. Raising the boom is easy and it

can be locked in position using a grub screw on the cylinder barrel.

The counterweight has been made in separate pieces just like the real crane, and the VarioBallast system is modelled well, although on the review model the crane could not be slewed over the full counterweight when it was stowed on the carrier deck because of a clash.

The boom sections are nicely decorated with a realistic thin walled profile and they have three locking positions. At the boom nose the main sheaves are a solid block (as they are in the hook) and this is a disappointment.

The metal folding swingaway extension has nice lattice work with a working ratchet which allows offset angles to be set. The metal hook looks a little too large for use on the extension where a single line hook would have been better.

WSI has produced another excellent model for Liebherr and it will no doubt also look great when released in coloured liveries. It is available from the Liebherr shop for €167.

To read the full review of this model visit [www.cranesetc.co.uk](http://www.cranesetc.co.uk)

### Cranes Etc Model Rating

Packaging (max 10)	7
Detail (max 30)	27
Features (max 20)	16
Quality (max 25)	21
Price (max 15)	12
Overall (max 100)	83%

*Realistic appearance*



*On the road*



*Branded tyres and fold down ladder*



*Tilting operators cab*



*Very good geometry*

# Letters



## Use of hand signals when lifting with excavators

Dear Mark.

The Voluntary Code of Practice (VCOP) has been published by the Off-highway Plant and Equipment Research Centre (OPERC) as guidance, free of charge with all images copyright free. This VCOP aims to address the issue of poor communication between excavator operators and banksmen by providing a set of unequivocal (and in many cases long established) hand signals. We at OPERC believe in sharing good practice to improve the lives of workers so perhaps we can engender changes to international standards or at least create a common set of banksman signals for when excavators are used as cranes.

You may consider the VCOP worthy of a mention in any future publication of *Cranes & access*. We would welcome any feedback and the guidance will be reviewed at the six month point.

Regards,

**Mick Norton BEM**

## Stay in the cab

In relationship to the crawler crane fatality in India in which the operator died after jumping out of the cab as the crane overturned, I was reminded of my training, admittedly long ago, in which I was told that it is statistically safer to remain in the cab when things go south, even if it was for a tower crane in a disaster scenario. Such accidents always make me think of that.

**Mike Halligan**

*This relates to an incident on July 1st in which a mid range crawler crane owned by MVR overturned while lifting a large concrete bridge beam on the construction of a flyover in Hyderabad, India, killing the operator, Gurpreet Singh, 45, after he climbed out of the cab as the crane began to go over sustaining fatal injuries in the process. Police said that he sustained crush injuries, either from one of the carbody counterweights or the beam itself. He was declared dead at the scene.*

## Online Comments

Good Morning Leigh,

I am writing to you and am happy to have this as a letter in the next edition if you see fit.

The subject is specifically the comments section of the Vertikal website.

I am writing with regard to the article you posted about Art Moore. Sadly I never knew Art, but I knew of his name and all who have business in the Powered Access Industry owe gentlemen such as him a debt of gratitude for being pioneers in the business which we all make our living.

However, I am disappointed to see that subsequent comments on his passing have seen a number of "thumbs-down" clicks, which I find somewhat distasteful. I believe that in cases of obituaries this feature should be disabled for fear of causing offence to the deceased's loved ones.

Additionally, I am concerned at the ability of people to post comments under the cover of a Pseudonym or Nom de plume to protect their identity. This allows for seeming personal attacks and sometimes outrageous comments, which I am certain causes you Editorial headaches having to censor.

I believe that you should consider removing this anonymity and people should either post under their own names and have the courage of their convictions or keep their own council. Unlike others I am entirely comfortable to post under my own name and do not conform to the sentiments of keyboard warriors who hide and snipe from a protected position. Cyber bullying needs to be eradicated and certain comments in the past may potentially fall into this category and I am absolutely certain that a vast majority of contributions would be reduced if the protection of anonymity were removed.

Sadly such a feature has the unwelcome ability to bring your excellent magazine and website into disrepute and to reflect on what is otherwise the stand-out and go to industry leading publication.

Yours sincerely,

Jim Longstaff

Chairman

Clements Plant & Tool Hire Ltd

*Mr Longstaff makes some very valid points which we wholeheartedly agree with, the disabling of the thumbs down feature on obituaries was in fact adopted as a policy many years ago at the suggestion of a regular reader. However in this case the thumbs disable function had not been activated. Some of this is due to the fact that the method used on the backend of the new website is different and was simply missed. It was immediately activated as soon as it was spotted.*

*The second point however is much more difficult to deal with. It is almost impossible to ensure that a contributor has given their real name, unless you insist on a credit card or passport and have the ability to verify it, and even then, it can be circumvented. A few years ago we adopted the requirement to activate an account which*

*obliged people to use a real email address. We will also delete comments which make malicious personal attacks or contravene the normal rules covering things such as racism or incitement to violence etc... And should a contributor continue to post such comments they will be suspended or permanently blocked.*

*We take such feedback extremely seriously and are constantly reviewing our practices, it would be so easy to just not have the instant comment feature, however over the years this function has added a huge amount of good feedback and interest, and in the case of obituaries a feature that has repeatedly brought joy and comfort to the families of the deceased.*

*Editor*

**The late Roger Wickens - a message from Anne**

Following the loss of my beloved Roger on 17th May, I just wanted to say a massive thank you to everyone: family, friends and work colleagues (both present and past) - for all your support and care, the numerous cards and letters, your messages, the wonderful tributes to Roger on both Linked-In

and Vertikal - including Vertikal's own touching comments, the flowers and the plants and roses which will be lasting reminders of a truly wonderful man.

Thanks to everyone who attended Roger's funeral on 10th June, it was good to see so many of you there to say a final goodbye to him. Roger was a very special person to so many people

in so many ways.

Last, but not least, a huge thank you for the donations to Cancer Research UK in Roger's memory. Donations given at his funeral and those via his JustGiving page currently total £1,602.41. Thank you from the bottom of my heart.

**Anne Wickens**

**Arthur 'Art' Deshon Moore 1924 - 2019**

**Access industry veteran Art Moore, the co-founder of crane and boom truck manufacturer Pitman, who went on to establish the Snorkel aerial work platform business passed away on Wednesday June 19th. He would have been 95 next month.**



Born in Abilene, Texas, he moved with his mother to St Joseph, Missouri when seven years old. A couple of years later in 1933 he and his mother moved again following the divorce of his parents, as a result he started at a new school where he first met crane and boom truck pioneer Ray Pitman. The two become instant and lifelong friends.

He joined the Naval Air Corps towards the end of the second world war and trained as pilot, although was probably too late to see the worst of the action. After the end of the war he took up the opportunity presented by the GI bill for veterans to attend the university of Kansas and then in 1950 he joined Pitman to found Pitman Manufacturing to develop the Hydra-Lift crane/boom truck that Pitman had conceived to solve a problem encountered in his contracting business.

The two did surprisingly well, and in 1952 when looking to develop a longer boom for their increasingly popular boom trucks, they came across a trailer mounted aerial work platform designed by Canadian Ted Trump. The unique platform - the IG-40 Orchard Giraffe - was designed to pick apples, but clearly had potential in a wide range of other industries. The two looked to license the product, and also build units for Trump to sell. At the same time Simon Lift from the UK became involved in the negotiations and acquired the overseas rights for the product, while Pitman acquired the North American rights and also built the first kits for Simon to assemble at its plant in the UK.

In addition to utility work the Giraffe was used for aircraft de-icing applications by the military, and a larger truck mounted version was introduced. In 1958 a 50ft Giraffe was modified by the Pitman dealer in Chicago for fighting fires at the request of the local fire chief and was nicknamed the 'Snorkel'. At this point Moore - who only had a small minority stake in the Pitman business - registered the Snorkel brand name and then left the company to establish the Snorkel Fire Equipment Company to sell the firefighting units, which continued to be manufactured by Pitman.

In 1971 Moore sold Snorkel to Harry Figgie's ATO company, remaining on board to manage the business as part of the Figgie corporation. In 1977 they decided to enter the



*Art Moore with the restored 1979 Snorkel TB-42 at the ARA 2017*

budding self-propelled aerial work platform market, with a focus on the telescopic boom lift market which had been developed by John Grove's JLG. Moore launched Snorkel's first model, the TB-42 telescopic boom lift in 1979, a product that became well known for its rugged build and reliability.

In 1988 Figgie acquired market leading scissor lift manufacturer Economy Engineering, incorporating it into Snorkel. Moore eventually retired in 1991, although he rarely seemed far away from the industry - it remained 'in his blood'. Moore's numerous contributions to the powered access industry have been recognised with numerous honours including IPAF's Lifetime Achievement Award in 2016, and induction into the American Rental Association's Hall of Fame in 2017.

Moore returned to the Snorkel board of directors in 2013 after the company was acquired by Don Ahern, and continued to work with the company. He is survived by wife Sue, and daughter Melissa Moore and several grandchildren.

Snorkel owner Don Ahern said: "For many years, Art Moore was a mentor to myself and others in the early years of the access rental and dealership business, and he ultimately became a close friend. He will be a great miss to Snorkel and the wider industry, and I send my sincere condolences to Sue and family at this difficult time. Art's legacy extends beyond his outstanding achievements in the access industry. He lived for adventure, travelling around the globe, and never shying away from adrenaline with friends and family by his side."



*Don Ahern and Art Moore during Conexpo 2014*



# Whats on?

2019

## HCEA annual international convention and show

September 13-15, 2019  
Historical/vintage equipment show  
Bowling Green, Ohio, USA  
Tel: +1 419-352-5616  
www.hcea.net



## Crane Safety 2019

September 17, UK Crane Safety conference by the Institution of Mechanical Engineers  
London, UK  
Tel: +44 (0)20 7973 1304  
www.imeche.or



## The SC&RA Crane & Rigging Workshop

September 18-20, 2019  
Seminar and exhibition for lifting professionals Phoenix, USA  
Tel: +1 (703) 698-0291  
www.scranet.cvent.com/events



## JDL Beaune 2019

September 25-27, 2019 French cranes and access exhibition/event  
Beaune, France  
Tel: +33 (0)1 45 63 68 22  
jdlevents.cluster1.easy-hebergement.net/jdl2019



## PASMA Annual Members Meeting & Conference

September 26, 2019  
Free conference from the scaffold tower association



Coventry, United Kingdom  
Tel: +44 (0) 345 230 4041  
www.pasma.co.uk/conference

## Europlatform 2019

October 03, 2019 IPAF meeting and mini conference Nice, France  
Tel: +44 (0)15395 66700  
www.europlatform.info



## GIS 2019

October 3-5, 2019 The Italian Cranes & Access Show Piacenza, Italy  
Tel: +39 010 5704948  
www.gisexpo.it



## ICUEE - The Demo Exp

October, 2019 The US show for the utility industry  
Louisville, Kentucky., USA  
www.icuee.com



## AEM Annual Conference

November 18-20, 2019  
The Association of Equipment Manufacturers annual conference  
Marco Island, Florida, USA  
Tel: +1 (414) 272 0943  
www.aem.org



## IPAF Elevation

November 27, 2019  
IPAF's Elevation conference and dinner Coventry, UK  
Tel: +44 (0)15395 66700  
http://em.ipaf.org/web/elevation-201



2020

## ASEAMAC Rental Forum

January 29-30, 2020  
Annual meeting of Spanish rental companies Madrid, Spain  
Tel: +34 911593555  
www.aseamac.org/eventos/foro



## Executive Hire Show

February 5-6 2020 Event for tools, equipment and plant hire industry  
The Ricoh Arena, Coventry  
Tel: +44 (0) 207 973 4630  
www.executivehireshow.com



## The ARA Show 2020

February 9-12 2020 Orlando, Florida, USA  
Tel: +1 800 334 2177  
www.therentalshow.com



## Conexpo 2020

March 10-14, 2020  
The leading US construction show.  
Las Vegas, Nevada, USA  
Tel: +1 414-298-4133  
www.conexpoconagg.com



## IPAF Summit 2020

April 23, 2020  
Annual summit and awards dinner.  
London.  
Tel: +44 (0)15395 66700  
www.ipaf.org



## Vertikal Days 2020

UK/Ireland crane, access and telehandler event.



Mid May 2020  
Location TBC  
Tel: +44 (0) 8448 155900  
www.vertikaldays.net

## HIRE20

May, 2020  
Hire and Rental Industry Association annual convention, Adelaide.  
Tel: +61 (0)2 9998 2255  
www.hireandrental.com.au



## Apex 2020

June 9-11, 2020  
International powered access trade show  
Maastricht, The Netherlands  
Tel: +31 (0)547 271 566  
www.apexshow.com



## Bauma China 2020

November 24-27, 2019  
SNIEC Shanghai, China  
Tel: +49 (0)89-9492051  
www.bauma-china.com



2022

## Bauma 2022

April 4 -10th  
World's largest construction equipment exhibition,  
Munich, Germany  
Tel: +49 (0) 89 51070  
www.bauma.de



Visit: [www.Vertikal.net/en/events](http://www.Vertikal.net/en/events)  
for a full listing of events with direct links to the organisers.

## CRANE SAFETY 2019 RAISING SAFETY STANDARDS FOR CRANE AND LIFTING OPERATIONS

Institution of  
MECHANICAL  
ENGINEERS

17 September 2019  
Institution of Mechanical  
Engineers, London

"IT'S AN ESSENTIAL PART OF THE CALENDAR FOR EVERYONE INVOLVED IN LIFTING OPERATION SAFETY."

Principal Associate, Hawkins

Hear insights from leading construction companies about recent projects and practical guidance from the industry regulator. Join breakout sessions that will explore the key issues being faced in major construction projects and identify methods to overcome them.

This is a unique opportunity to learn industry best practice and how your organisation can address the challenges of risk and incident reduction, cost savings vs maintenance and compliance with safety legislation.

### HEAR GUIDANCE ON KEY TOPICS INCLUDING:

- Strategies for Improving Safety and Reducing Risk
- Training and Managing Human Factors
- Increased Digitisation and Automation for Lifting
- Materials and Non Destructive Examination
- Legal Responsibilities and Managing Risk
- Predictive Versus Preventative Maintenance Strategies for Lifting Assets
- Effectively Balancing Maintenance Requirements with Cost Constraints

MEMBER PARTNER:

Vertikal  
.net

Save 10% before 26 July 2019 [www.imeche.org/cranesafety2019](http://www.imeche.org/cranesafety2019)

# Marketplace

RECRUITMENT . USED EQUIPMENT . REPLACEMENT PARTS

Cranes & Access reaches over six times as many UK/Irish buyers of aerial lifts and lifting equipment than any other crane or access magazine, along with an exceptionally strong international readership, with over 15,000 lifting related professionals around the world reading either the printed or online editions of the magazine.

Given the wide global readership you will be surprised at how cost effective it can be as a medium to promote your products or services.

### ADVERTISING:

The Vertikal Press Ltd.  
PO Box 6998, Brackley,  
NN13 5WY UK.  
Tel: +44 (0)8448 155900  
Fax: +44 (0)1295 768223  
E-mail:  
advertising@vertikal.net

### GERMANY:

+ (49) (0)761 18978615.

**cranes  
& access**

FOR USERS & BUYERS OF LIFTING EQUIPMENT





**LONDON TOWER CRANES**

**ALL CRANES AVAILABLE**

Luffing & Saddle Jibs

Jost Saez **SAEZ**

Yongmao Comedil

**YONGMAO** **TEREX | COMEDIL**

Worldwide Sales Nationwide Hire

Spare Parts Supply Maintenance & Technical Support

4 Elstree Way, Borehamwood, Hertfordshire, WD6 1RN  
 Tel: 020 8327 4060 - Fax: 020 8236 9391  
 sales@londontowercranes.co.uk  
 Web: www.londontowercranes.co.uk

**HIGH PERFORMANCE**

**10% OFF**  
online with code **CRA10**

**OUTRIGGER PADS**

Huge range of crane pads in stock and ready for next day delivery when you order by 2pm

**01952 671403**  
outriggerpads.co.uk

**BE CONFIDENT. BUY QUALITY.**

**BMS**

**BMS Lifting - Taking the UK to greater heights**

With the largest fleet of 103 metre truck mounted platforms in Europe - including one based in the UK, **BMS Lifting** are your perfect partner. With a fleet ranging from 45 to 103 metres our team are able to go further than the rest.

UK Office Tel: + 44 (0)330 320 0708  
 Email: [bms@bmslifting.co.uk](mailto:bms@bmslifting.co.uk)

Follow us on:

[www.bmslifting.co.uk](http://www.bmslifting.co.uk)

# Timbermat Ltd

HARDWOOD CRANE & OUTRIGGER MATS  
TEMPORARY ACCESS ROADS



- Hire & Sales with our buyback Guarantee
- Nationwide and European Delivery Service
- Prompt professional service
- Specialising in Tropical Hardwoods Azobe (Eki), and European Hardwoods Oak and Beech.
- FSC Certified CU-COC-817978

London: +44 203 968 0439  
Manchester: +44 161 442 3157  
Edinburgh: +44 131 285 1215  
Email: [info@timbermat.co.uk](mailto:info@timbermat.co.uk)

[www.timbermat.co.uk](http://www.timbermat.co.uk)



USED EQUIPMENT • SPARE PARTS • RECRUITMENT • RECONDITIONING • HIRE • WANTED • USED EQUIPMENT • SPARE PARTS • RECRUITMENT • RECONDITIONING • HIRE • WANTED



## NOTUS CONTRACT LIFTING

- > Contract Lifting
- > CPA Crane Hire
- > Crane Management
- > Transportation Services
- > Plant Handling Services
- > Engineering
- > Training
- > Traffic Management
- > Provision of Lifting Personnel

*....Realise the potential*

Tel +44 (0)844 8110616

Discover more about Notus Contract Lifting at: [www.notusheavylift.com](http://www.notusheavylift.com)

# Online Directory [www.vertikal.net](http://www.vertikal.net)

online Access&Lifting directory – the fast and efficient way to find a supplier

## Access Equipment Manufacturers

The Access Platform Company	<a href="http://www.accessplatformcompany.co.uk">www.accessplatformcompany.co.uk</a>
Ascendant Access	<a href="http://www.ascendantaccess.com">www.ascendantaccess.com</a>
Aichi	<a href="http://www.aichi-corp.jp">www.aichi-corp.jp</a>
AIRO	<a href="http://www.airo.com">www.airo.com</a>
Alimak Hek	<a href="http://www.alimakhek.com">www.alimakhek.com</a>
ATN	<a href="http://www.atnplatforms.com">www.atnplatforms.com</a>
Barin	<a href="http://www.barin.it">www.barin.it</a>
Biljax	<a href="http://www.biljax.com">www.biljax.com</a>
Böcker Maschinenwerke	<a href="http://www.boecker.de">www.boecker.de</a>
Bravi	<a href="http://www.braviisol.com">www.braviisol.com</a>
Bronto Skylift	<a href="http://www.brontoskylift.com">www.brontoskylift.com</a>
CLM Construction Supplies	<a href="http://www.clm-supplies.com">www.clm-supplies.com</a>
CMC	<a href="http://www.cmclift.com">www.cmclift.com</a>
Co.Me.I	<a href="http://www.officinecomet.it">www.officinecomet.it</a>
CPL	<a href="http://www.cumberlanduk.co.uk">www.cumberlanduk.co.uk</a>
CTE	<a href="http://www.ctelift.com">www.ctelift.com</a>
DENKA-LIFT	<a href="http://www.rothlehnert.com">www.rothlehnert.com</a>
Dino Lift	<a href="http://www.dinolift.com">www.dinolift.com</a>
Dingli	<a href="http://www.cndingli.com">www.cndingli.com</a>
Easylift	<a href="http://www.easy-lift.it">www.easy-lift.it</a>
Falck Schmidt	<a href="http://www.tcalift.com">www.tcalift.com</a>
GEDA-Dechentreiter	<a href="http://www.geda.de">www.geda.de</a>
Genie	<a href="http://www.genielift.com">www.genielift.com</a>
GSR Spa	<a href="http://www.gsrspa.it">www.gsrspa.it</a>
Haulotte	<a href="http://www.haulotte.com">www.haulotte.com</a>
Hinowa Tracked Aerial Platforms	<a href="http://www.hinowa.com">www.hinowa.com</a>
Holland Lift	<a href="http://www.hollandlift.com">www.hollandlift.com</a>
Imer Access	<a href="http://www.imergroup.com">www.imergroup.com</a>
Instant UpRight	<a href="http://www.instantuprightlifts.com">www.instantuprightlifts.com</a>
Isoli	<a href="http://www.isoli.com">www.isoli.com</a>
Iteco	<a href="http://www.imergroup.com">www.imergroup.com</a>
JCB	<a href="http://www.jcb.com">www.jcb.com</a>
JLG	<a href="http://www.jlgeurope.com">www.jlgeurope.com</a>
Klaas	<a href="http://www.utility-equipment.com">www.utility-equipment.com</a>
Klubb France	<a href="http://www.klubb-france.fr">www.klubb-france.fr</a>
Ladder Safety Devices	<a href="http://www.laddersafetydevices.co.uk">www.laddersafetydevices.co.uk</a>
Leguan Lifts	<a href="http://www.leguanlifts.com">www.leguanlifts.com</a>
Manitou	<a href="http://www.manitou.com">www.manitou.com</a>
Mantis Access	<a href="http://www.mantisaccess.co.uk">www.mantisaccess.co.uk</a>
Mantall	<a href="http://www.mantall.com">www.mantall.com</a>
Matilsa	<a href="http://www.matilsa.es">www.matilsa.es</a>
MEC	<a href="http://www.mec-awp.com">www.mec-awp.com</a>
Niftylift	<a href="http://www.niftylift.com">www.niftylift.com</a>
Oil&Steel	<a href="http://www.oilsteel.com">www.oilsteel.com</a>
Omega Platforms	<a href="http://www.omegaplatforms.com">www.omegaplatforms.com</a>
Ommelift	<a href="http://www.ommelift.dk">www.ommelift.dk</a>
Palazzani Industrie	<a href="http://www.palazzani.it">www.palazzani.it</a>
Palfinger Platforms	<a href="http://www.palfinger-platforms.com">www.palfinger-platforms.com</a>
Planet Platforms	<a href="http://www.planetplatforms.co.uk">www.planetplatforms.co.uk</a>
PB Liftechnik	<a href="http://www.pbgmbh.de">www.pbgmbh.de</a>
Platform Basket	<a href="http://www.platformbasket.com">www.platformbasket.com</a>
Power Towers	<a href="http://www.powertowers.com">www.powertowers.com</a>
Ranger tracked access	<a href="http://www.tracked-access.co.uk">www.tracked-access.co.uk</a>
Runshare	<a href="http://www.runshare.net">www.runshare.net</a>
Ruthmann	<a href="http://www.ruthmann.de">www.ruthmann.de</a>
Sinoboom	<a href="http://www.sinoboom.com">www.sinoboom.com</a>
Skyjack	<a href="http://www.skyjack.com">www.skyjack.com</a>
Skyking	<a href="http://www.skyking.co.uk">www.skyking.co.uk</a>
Snorkel	<a href="http://www.snorkelusa.com">www.snorkelusa.com</a>
Socage	<a href="http://www.socage.it">www.socage.it</a>
SUP	<a href="http://www.supelefant.com">www.supelefant.com</a>
TCA Lift	<a href="http://www.tcalift.com">www.tcalift.com</a>
Teupen	<a href="http://www.teupen.com">www.teupen.com</a>
Turner Access	<a href="http://www.turner-access.co.uk">www.turner-access.co.uk</a>
UTS Sales & Repairs	<a href="http://www.towersandpodiums.co.uk">www.towersandpodiums.co.uk</a>
Versalift distributors (UK)	<a href="http://www.versalift.co.uk">www.versalift.co.uk</a>

## Scaffold Towers

CLM Construction Supplies	<a href="http://www.clm-supplies.com">www.clm-supplies.com</a>
Eurotowers	<a href="http://www.eurotowers.co.uk">www.eurotowers.co.uk</a>
Instant	<a href="http://www.instantupright.com">www.instantupright.com</a>
Lyte Industries	<a href="http://www.lyteladders.co.uk">www.lyteladders.co.uk</a>
Planet Platforms	<a href="http://www.planetplatforms.co.uk">www.planetplatforms.co.uk</a>
Svelt	<a href="http://www.svelt.it">www.svelt.it</a>
Turner Access	<a href="http://www.turner-access.co.uk">www.turner-access.co.uk</a>
Youngman	<a href="http://www.youngman.com">www.youngman.com</a>

## Mastclimbers & Hoists

Adastra Access	<a href="http://www.adastra-access.co.uk">www.adastra-access.co.uk</a>
Alimak-Hek	<a href="http://www.alimakhek.com">www.alimakhek.com</a>
Brogan Group	<a href="http://www.brogangroup.com">www.brogangroup.com</a>
CLM Construction Supplies	<a href="http://www.clm-supplies.com">www.clm-supplies.com</a>
GB Access	<a href="http://www.gbaccess.co.uk">www.gbaccess.co.uk</a>
GEDA-Dechentreiter	<a href="http://www.geda.de">www.geda.de</a>
Klaas	<a href="http://www.utility-equipment.com">www.utility-equipment.com</a>
SGB	<a href="http://www.sgb.co.uk">www.sgb.co.uk</a>
LTC Hoists Division	<a href="http://www.ltcchoists.co.uk">www.ltcchoists.co.uk</a>
Safi	<a href="http://www.safb.com">www.safb.com</a>

## Specialist Scaffolding

Advance Scaffolding (SW)	<a href="http://www.advancedscaffoldingltd.co.uk">www.advancedscaffoldingltd.co.uk</a>
SGB	<a href="http://www.sgb.co.uk">www.sgb.co.uk</a>

## Platform Rental

1st Access Rentals	<a href="http://www.1staccessrentals.co.uk">www.1staccessrentals.co.uk</a>
2 Cousins Access Limited	<a href="http://www.2cousins.co.uk">www.2cousins.co.uk</a>
AA Access (Specialists)	<a href="http://www.aaaccess.co.uk">www.aaaccess.co.uk</a>
ABBA Plant Hire	<a href="http://www.abbaplantire.co.uk">www.abbaplantire.co.uk</a>
Access Link	<a href="http://www.accesslink.biz">www.accesslink.biz</a>
Access Platforms Direct	<a href="http://www.accessplatformsdirect.co.uk">www.accessplatformsdirect.co.uk</a>
Acrolift	<a href="http://www.acrolift.co.uk">www.acrolift.co.uk</a>
Active Rentals Scotland	<a href="http://www.activerentals.co.uk">www.activerentals.co.uk</a>
Actual Access	<a href="http://www.actualservices.co.uk">www.actualservices.co.uk</a>
Advanced Access Platforms	<a href="http://www.accessplatformsuk.com">www.accessplatformsuk.com</a>
Aerial and Handling Services	<a href="http://www.aerialandhandlingservices.com">www.aerialandhandlingservices.com</a>
Aerial Platforms	<a href="http://www.aerialplatformsltd.co.uk">www.aerialplatformsltd.co.uk</a>
AFI- Uplift	<a href="http://www.afi-uplift.co.uk">www.afi-uplift.co.uk</a>
A-Plant	<a href="http://www.aplant.com">www.aplant.com</a>
ASR Access Platforms	<a href="http://www.access-platforms.com">www.access-platforms.com</a>
ATP	<a href="http://www.atphire.com">www.atphire.com</a>
Bluelift	<a href="http://www.bluelift.ie">www.bluelift.ie</a>
Drammen Liftutleie AS	<a href="http://www.drammenlift.no">www.drammenlift.no</a>
Elevation	<a href="http://www.elevation.net">www.elevation.net</a>
ES Access Platforms	<a href="http://www.esaccess.co.uk">www.esaccess.co.uk</a>
Facelift	<a href="http://www.facelift.co.uk">www.facelift.co.uk</a>
Fraco	<a href="http://www.fraco.co.uk">www.fraco.co.uk</a>
GT Access	<a href="http://www.gtaccess.co.uk">www.gtaccess.co.uk</a>
Height for Hire	<a href="http://www.heightforhire.com">www.heightforhire.com</a>
High Access Hire	<a href="http://www.highaccesshire.co.uk">www.highaccesshire.co.uk</a>
Higher access	<a href="http://www.higheraccess.co.uk">www.higheraccess.co.uk</a>
Hi-reach	<a href="http://www.hi-reach.co.uk">www.hi-reach.co.uk</a>
Hird	<a href="http://www.hird.co.uk">www.hird.co.uk</a>
Horizon Platforms	<a href="http://www.horizonplatforms.co.uk">www.horizonplatforms.co.uk</a>
JMS Powered Access	<a href="http://www.jms.co.uk">www.jms.co.uk</a>
Lifterz	<a href="http://www.lifterz.co.uk">www.lifterz.co.uk</a>
Loxam Access	<a href="http://www.loxam-access.co.uk">www.loxam-access.co.uk</a>
LTC Powered Access	<a href="http://www.ltcpoweredaccess.co.uk">www.ltcpoweredaccess.co.uk</a>
LTC	<a href="http://www.ltcaccess.co.uk">www.ltcaccess.co.uk</a>
Mainline Access	<a href="http://www.mainline-access.co.uk">www.mainline-access.co.uk</a>
Manlift Group - Mid East	<a href="http://www.manliftgroup.com">www.manliftgroup.com</a>
Manlift Hire	<a href="http://www.manlift.ie">www.manlift.ie</a>
Mays Access Platform Services	<a href="http://www.mapsplatforms.co.uk">www.mapsplatforms.co.uk</a>
Mr Plant Hire	<a href="http://www.mrplantire.co.uk">www.mrplantire.co.uk</a>
Nationwide Platforms	<a href="http://www.nationwideplatforms.co.uk/Hire">www.nationwideplatforms.co.uk/Hire</a>
North American Rentals	<a href="http://www.bigbooms.com">www.bigbooms.com</a>
Peter Douglass Platforms	<a href="http://www.peterdouglass.co.uk">www.peterdouglass.co.uk</a>
Platform Sales & Hire	<a href="http://www.platformsales.co.uk">www.platformsales.co.uk</a>
Power Platform Services	<a href="http://www.pps.co.uk">www.pps.co.uk</a>
Rapid Platforms	<a href="http://www.rapidplatforms.co.uk">www.rapidplatforms.co.uk</a>
Readyplant Ltd	<a href="http://www.readyplant.co.uk">www.readyplant.co.uk</a>
Rival	<a href="http://www.rival.com/used">www.rival.com/used</a>
Sandhurst Access Rental	<a href="http://www.sandhurst-accessrental.co.uk">www.sandhurst-accessrental.co.uk</a>
Trac-Access	<a href="http://www.trac-access.com">www.trac-access.com</a>
United Powered Access	<a href="http://www.upa-uk.com">www.upa-uk.com</a>
Universal Platforms	<a href="http://www.universalplatforms.com">www.universalplatforms.com</a>
Warren Access	<a href="http://www.warrenaccess.co.uk">www.warrenaccess.co.uk</a>
Wilson Access	<a href="http://www.wilsonaccess.co.uk">www.wilsonaccess.co.uk</a>

## Notified Body

Powered Access Certification	<a href="http://www.pac.co.uk">www.pac.co.uk</a>
------------------------------	--

## New & Used Platforms

Access Platform Sales (APS)	<a href="http://www.accessplatforms.co.uk">www.accessplatforms.co.uk</a>
Advanced Access Platforms	<a href="http://www.aaplatforms.co.uk">www.aaplatforms.co.uk</a>
AFI Resale	<a href="http://www.afi-resale.co.uk">www.afi-resale.co.uk</a>
A.J. Access Platforms	<a href="http://www.accessplatforms.com">www.accessplatforms.com</a>
Baulift	<a href="http://www.baulift.de">www.baulift.de</a>
Davis Access	<a href="http://www.davisaccess.co.uk">www.davisaccess.co.uk</a>
Facelift	<a href="http://www.facelift.co.uk">www.facelift.co.uk</a>
Flesch	<a href="http://www.flesch-arbeitsbuehnen.de">www.flesch-arbeitsbuehnen.de</a>
Gantic Norway	<a href="http://www.gantic.no">www.gantic.no</a>
Genie	<a href="http://www.genielift.com">www.genielift.com</a>
GSR Aerial Platforms UK	<a href="http://en.gsrspa.it">http://en.gsrspa.it</a>
GT Access	<a href="http://www.gtaccess.co.uk">www.gtaccess.co.uk</a>
Height for Hire	<a href="http://www.heightforhire.com">www.heightforhire.com</a>
Hird	<a href="http://www.hird.co.uk">www.hird.co.uk</a>
JLG	<a href="http://www.jlgeurope.com">www.jlgeurope.com</a>
JMS Powered Access	<a href="http://www.jms.co.uk">www.jms.co.uk</a>
Kemp Hoogwerkers	<a href="http://www.kemphoogwerkers.nl">www.kemphoogwerkers.nl</a>
Kunze GmbH	<a href="http://www.kunze-buehnen.com">www.kunze-buehnen.com</a>
Lavendon Sales	<a href="http://www.lavendonales.com">www.lavendonales.com</a>
Leader	<a href="http://www.leader-piatt.it">www.leader-piatt.it</a>
Liftright Access	<a href="http://www.liftrightaccess.com">www.liftrightaccess.com</a>
Manlift Sales	<a href="http://www.manlift.ie">www.manlift.ie</a>
Mech-Serv (GB)	<a href="http://www.mech-serv.co.uk">www.mech-serv.co.uk</a>
Mr Plant Hire	<a href="http://www.mrplantire.co.uk">www.mrplantire.co.uk</a>
Nationwide Platforms	<a href="http://www.nationwideplatforms.co.uk/sales/">www.nationwideplatforms.co.uk/sales/</a>

North American Rentals	<a href="http://www.bigbooms.com">www.bigbooms.com</a>
Rothlehnert	<a href="http://www.rothlehnert.com">www.rothlehnert.com</a>
Tracked Access	<a href="http://www.trackedaccess.com">www.trackedaccess.com</a>
Platform Sales	<a href="http://www.platformsales.co.uk">www.platformsales.co.uk</a>
Promax Access	<a href="http://www.promaxaccess.com">www.promaxaccess.com</a>
Rapid Platforms	<a href="http://www.rapidplatforms.co.uk">www.rapidplatforms.co.uk</a>
Reachmaster (USA)	<a href="http://www.reachmaster.com">www.reachmaster.com</a>
Rival	<a href="http://www.rival.com/used">www.rival.com/used</a>
Turner Access	<a href="http://www.turner-access.co.uk">www.turner-access.co.uk</a>
TVH - Group	<a href="http://www.tvh.com">www.tvh.com</a>
Universal Platforms	<a href="http://www.universalplatforms.com">www.universalplatforms.com</a>
Utility Equipment	<a href="http://www.utility-equipment.com">www.utility-equipment.com</a>
Vertimac	<a href="http://www.vertimac.com">www.vertimac.com</a>
Wilson Access	<a href="http://www.wilsonaccess.co.uk">www.wilsonaccess.co.uk</a>
Workplatform	<a href="http://www.workplatformltd.co.uk">www.workplatformltd.co.uk</a>

## Special/Bespoke Access & Lifting Solutions

Access Platform Sales (APS)	<a href="http://www.iapsgroup.com">www.iapsgroup.com</a>
GT Lifting Solutions	<a href="http://www.gtliftingltd.co.uk">www.gtliftingltd.co.uk</a>
Ladder Safety Devices	<a href="http://www.laddersafetydevices.co.uk">www.laddersafetydevices.co.uk</a>
JMS Powered Access	<a href="http://www.jms.co.uk">www.jms.co.uk</a>
Liftright Access	<a href="http://www.liftrightaccess.com">www.liftrightaccess.com</a>
Mantis Access	<a href="http://www.mantisaccess.co.uk">www.mantisaccess.co.uk</a>
Nationwide Platforms	<a href="http://www.nationwideplatforms.co.uk/Hire">www.nationwideplatforms.co.uk/Hire</a>
Planet Platforms	<a href="http://www.planetplatforms.co.uk">www.planetplatforms.co.uk</a>
Platform Sales & Hire	<a href="http://www.platformsales.co.uk">www.platformsales.co.uk</a>
Ranger Equipment	<a href="http://www.spiderlift.co.uk">www.spiderlift.co.uk</a>
Warren Access	<a href="http://www.warrenaccess.co.uk/hire">www.warrenaccess.co.uk/hire</a>
Working At Height Ltd	<a href="http://www.workingatheightltd.com">www.workingatheightltd.com</a>
Workplatform	<a href="http://www.workplatformltd.co.uk">www.workplatformltd.co.uk</a>

## Special & Niche Access

Acrolift	<a href="http://www.acrolift.co.uk">www.acrolift.co.uk</a>
DENKA Narrow	<a href="http://www.rothlehnert.com">www.rothlehnert.com</a>
Easy Reach Scotland	<a href="http://www.easyreachscotland.co.uk">www.easyreachscotland.co.uk</a>
Facelift	<a href="http://www.facelift.co.uk">www.facelift.co.uk</a>
Height for Hire	<a href="http://www.heightforhire.com">www.heightforhire.com</a>
High Access Hire	<a href="http://www.highaccesshire.co.uk">www.highaccesshire.co.uk</a>
Higher Access	<a href="http://www.higheraccess.co.uk">www.higheraccess.co.uk</a>
JMS Powered Access	<a href="http://www.jms.co.uk">www.jms.co.uk</a>
Rapid Platforms	<a href="http://www.rapidplatforms.co.uk">www.rapidplatforms.co.uk</a>
Smart Platform Rentals	<a href="http://www.smartplatforms.co.uk">www.smartplatforms.co.uk</a>
Special Equipment	<a href="http://www.special-equipment.eu">www.special-equipment.eu</a>
Universal Platforms	<a href="http://www.universalplatforms.com">www.universalplatforms.com</a>
Utility Equipment	<a href="http://www.utility-equipment.com">www.utility-equipment.com</a>
Wilson Access	<a href="http://www.wilsonaccess.co.uk">www.wilsonaccess.co.uk</a>

## Special Lift & Transport Equipment

Arnold Schwerlast GmbH & Co.KG	<a href="http://www.arnold-schwerlast.de">www.arnold-schwerlast.de</a>
Collett A Sons, UK	<a href="http://www.collett.co.uk">www.collett.co.uk</a>
Wagenborg Nedlift, NL	<a href="http://www.wagenborg.com">www.wagenborg.com</a>

## Heavy Transport/Abnormal Loads

Collett A Sons, UK	<a href="http://www.collett.co.uk">www.collett.co.uk</a>
S.A. Smith	<a href="http://www.sa-smith.co.uk">www.sa-smith.co.uk</a>

## Self-Propelled Modular Transporters

Collett & Sons, UK	<a href="http://www.collett.co.uk">www.collett.co.uk</a>
Wagenborg Nedlift, NL	<a href="http://www.wagenborg.com">www.wagenborg.com</a>

## Telescopic Handler Manufacturers

Dieci Telehandlers Ltd	<a href="http://www.dieci-telehandlers.co.uk">www.dieci-telehandlers.co.uk</a>
Genie	<a href="http://www.genielift.com">www.genielift.com</a>
Haulotte	<a href="http://www.haulotte.com">www.haulotte.com</a>
JLG	<a href="http://www.jlgeurope.com">www.jlgeurope.com</a>
Manitou	<a href="http://www.manitou.com">www.manitou.com</a>
Merlo	<a href="http://www.merlo.co.uk">www.merlo.co.uk</a>

## New & Used Telehandlers

Dieci Telehandlers	<a href="http://www.dieci.com">www.dieci.com</a>
GT Lifting Solutions	<a href="http://www.gtlift.co.uk">www.gtlift.co.uk</a>
Industrial Access	<a href="http://www.industrialaccess.ro">www.industrialaccess.ro</a>
Lisman	<a href="http://www.lisman.nl">www.lisman.nl</a>
Rival	<a href="http://www.rival.com/used">www.rival.com/used</a>
TVH Group	<a href="http://www.tvh.com">www.tvh.com</a>
Vertimac	<a href="http://www.vertimac.com">www.vertimac.com</a>
VHS Vissers Heftruck Service	<a href="http://www.vhsblad.nl">www.vhsblad.nl</a>

## Telehandler Rental

ABBA	<a href="http://www.abbaplantire.co.uk">www.abbaplantire.co.uk</a>
GT Lifting Solutions	<a href="http://www.gtliftingltd.co.uk">www.gtliftingltd.co.uk</a>
JMS Powered Access	<a href="http://www.jms.co.uk">www.jms.co.uk</a>
Mr Plant Hire	<a href="http://www.mrplantire.co.uk">www.mrplantire.co.uk</a>
Readyplant Ltd	<a href="http://www.readyplant.co.uk">www.readyplant.co.uk</a>

## Site Safety Audits

Access Safety Management	<a href="http://www.accesssafety.co.uk">www.accesssafety.co.uk</a>
Alfa Access Services	<a href="http://www.alfa-access-services.com">www.alfa-access-services.com</a>

## Industry Associations

ALLMI	<a href="http://www.allmi.com">www.allmi.com</a>
CICA	<a href="http://www.cica.com.au/">www.cica.com.au/</a>
CISRS	<a href="http://www.cisrs.org.uk">www.cisrs.org.uk</a>
CPA	<a href="http://www.cpa.uk.net">www.cpa.uk.net</a>
EWPA	<a href="http://www.ewpa.com.au">www.ewpa.com.au</a>
IPAF	<a href="http://www.ipaf.org">www.ipaf.org</a>
NASC	<a href="http://www.nasc.org.uk">www.nasc.org.uk</a>
OSHA	<a href="http://www.osha.gov">www.osha.gov</a>
PASMA	<a href="http://www.pasma.co.uk">www.pasma.co.uk</a>

## Crane Manufacturers

Böcker Maschinenwerke	<a href="http://www.boecker.de">www.boecker.de</a>
Galizia	<a href="http://www.galiziagrupo.com">www.galiziagrupo.com</a>
Grove	<a href="http://www.groveworldwide.com">www.groveworldwide.com</a>
HCME (Hitachi-Sumitomo)	<a href="http://www.nrcplant.co.uk">www.nrcplant.co.uk</a>
Jekko Minicrane	<a href="http://www.jekko.it">www.jekko.it</a>
JMG	<a href="http://www.jmgcranes.com">www.jmgcranes.com</a>
Klaas	<a href="http://www.utility-equipment.com">www.utility-equipment.com</a>
Kobelco	<a href="http://www.kobelcocm-global.com">www.kobelcocm-global.com</a>
Liebherr	<a href="http://www.liebherr.com">www.liebherr.com</a>
Linden Comansa	<a href="http://www.comansa.com">www.comansa.com</a>
Maeda	<a href="http://www.maedaminicran.es.co.uk">www.maedaminicran.es.co.uk</a>
Manitowoc	<a href="http://www.manitowoccranes.com">www.manitowoccranes.com</a>
Mantis Cranes	<a href="http://www.mantiscranes.ie">www.mantiscranes.ie</a>
Ormig	<a href="http://www.ormig.co.uk">www.ormig.co.uk</a>
Potain	<a href="http://www.manitowoccranes.com">www.manitowoccranes.com</a>
Raimondi	<a href="http://www.raimondi.co">www.raimondi.co</a>
Sany	<a href="http://www.sany.com.cn">www.sany.com.cn</a>
Sennebogen	<a href="http://www.sennebogen.com">www.sennebogen.com</a>
Spierings	<a href="http://www.spieringskranen.nl">www.spieringskranen.nl</a>
Tadano	<a href="http://www.tadano.com">www.tadano.com</a>
Tadano Japan	<a href="http://www.tadano.com">www.tadano.com</a>
Terex-Demag	<a href="http://www.terex-cranes.com">www.terex-cranes.com</a>
Unic Cranes	<a href="http://www.unic-cranes.co.uk">www.unic-cranes.co.uk</a>
Valla	<a href="http://www.valla-cranes.co.uk">www.valla-cranes.co.uk</a>
Wolffkran	<a href="http://www.wolffkran.de">www.wolffkran.de</a>
Zoomlion	<a href="http://www.zoomlioncranes.co.uk">www.zoomlioncranes.co.uk</a>

## Lorry/Truck Loader Cranes

Atlas Cranes UK	<a href="http://www.atlasgmbh.com">www.atlasgmbh.com</a>
Effer	<a href="http://www.effer.it">www.effer.it</a>
Hiab	<a href="http://www.hiab.com">www.hiab.com</a>
Palfinger	<a href="http://www.palfinger.com">www.palfinger.com</a>
Penny Hydraulics	<a href="http://www.pennyhydraulics.com">www.pennyhydraulics.com</a>
PM Cranes	<a href="http://www.pm-group.eu">www.pm-group.eu</a>

## New & Used Cranes

AGD Equipment	<a href="http://www.agd-equipment.co.uk">www.agd-equipment.co.uk</a>
Cotec Oy	<a href="http://www.crane.fi">www.crane.fi</a>
Cranes4Cranes	<a href="http://www.cranes4cranes.com">www.cranes4cranes.com</a>
Cranes UK	<a href="http://www.cranesuk.net">www.cranesuk.net</a>
Crowland Cranes	<a href="http://www.crowlandcranes.co.uk">www.crowlandcranes.co.uk</a>
Delden Cranes	<a href="http://www.deldencranes.co.uk">www.deldencranes.co.uk</a>
Electrogen Int	<a href="http://www.electrogen.ie">www.electrogen.ie</a>
IMC Cranes	<a href="http://www.imc-cranes.com">www.imc-cranes.com</a>
Hird	<a href="http://www.hird.co.uk">www.hird.co.uk</a>
Jones-Iron Fairy	<a href="http://www.jonesironfairy.co.uk">www.jonesironfairy.co.uk</a>
Kobelco	<a href="http://www.kobelco-cranes.com">www.kobelco-cranes.com</a>
Leader	<a href="http://www.leader-piatt.it">www.leader-piatt.it</a>
London Tower Cranes	<a href="http://www.londontowercranes.co.uk">www.londontowercranes.co.uk</a>
Maeda	<a href="http://www.maedaminicranes.co.uk">www.maedaminicranes.co.uk</a>
Mantis Cranes	<a href="http://www.mantiscranes.co.uk">www.mantiscranes.co.uk</a>
M. Stemick	<a href="http://www.stemick-krane.de">www.stemick-krane.de</a>
NRC	<a href="http://www.nrcplant.co.uk">www.nrcplant.co.uk</a>
P.V. Adrighem BV	<a href="http://www.adrighem.com">www.adrighem.com</a>
Rivertek Services	<a href="http://www.rivertekservices.com">www.rivertekservices.com</a>
Terex Demag	<a href="http://www.terex-cranes.com">www.terex-cranes.com</a>
Transloader Services	<a href="http://www.transloaderservices.co.uk">www.transloaderservices.co.uk</a>
Utility Equipment	<a href="http://www.utility-equipment.com">www.utility-equipment.com</a>

## Heavy Lifting Equipment

Lifting Gear UK	<a href="http://www.lifting-equipment.co.uk">www.lifting-equipment.co.uk</a>
-----------------	--

## Furniture Hoists

Böcker	<a href="http://www.boecker.de">www.boecker.de</a>
The Furniture Hoist Co	<a href="http://www.furniturehoists.co.uk">www.furniturehoists.co.uk</a>
Utility Equipment	<a href="http://www.utility-equipment.com">www.utility-equipment.com</a>

## Crane Hire

AB2000	<a href="http://www.ab2000.co.uk">www.ab2000.co.uk</a>
ABBA	<a href="http://www.abbaplanthire.co.uk">www.abbaplanthire.co.uk</a>
Ainscough	<a href="http://www.ainscough.co.uk">www.ainscough.co.uk</a>
Berry Cranes	<a href="http://www.berrycranes.co.uk">www.berrycranes.co.uk</a>
Bob Francis Crane Hire	<a href="http://www.bobfranciscranehire.co.uk">www.bobfranciscranehire.co.uk</a>
Bryn Thomas Cranes	<a href="http://www.brynthomascranes.com">www.brynthomascranes.com</a>
Cork Crane Hire (Liverpool)	<a href="http://www.corkcranehire.com">www.corkcranehire.com</a>
Crane Hire Ltd	<a href="http://www.cranehireltd.com">www.cranehireltd.com</a>
City Lifting	<a href="http://www.citylifting.co.uk">www.citylifting.co.uk</a>
Delden Cranes	<a href="http://www.deldencranes.co.uk">www.deldencranes.co.uk</a>
Emerson	<a href="http://www.emersoncranes.co.uk">www.emersoncranes.co.uk</a>
Graham Jones Cranes	<a href="http://www.grahamjonescranes.co.uk">www.grahamjonescranes.co.uk</a>
J&M Crane Hire	<a href="http://www.jandmcranehire.co.uk">www.jandmcranehire.co.uk</a>
John Sutch Cranes	<a href="http://www.johnsutchcranes.co.uk">www.johnsutchcranes.co.uk</a>
King Lifting	<a href="http://www.kinglifting.co.uk">www.kinglifting.co.uk</a>
Ladybird tower crane hire	<a href="http://www.ladybirdcranehire.co.uk">www.ladybirdcranehire.co.uk</a>
London Tower Cranes	<a href="http://www.londontowercranes.co.uk">www.londontowercranes.co.uk</a>
Mantis Cranes	<a href="http://www.mantiscranes.co.uk">www.mantiscranes.co.uk</a>
McNally crane hire	<a href="http://www.cranehire-ireland.com">www.cranehire-ireland.com</a>
NRC	<a href="http://www.nrcplant.co.uk">www.nrcplant.co.uk</a>
Port Services Heavy Crane division	<a href="http://www.portservices.co.uk">www.portservices.co.uk</a>
Sangwin	<a href="http://www.sangwin.co.uk">www.sangwin.co.uk</a>

## Mini Crane Hire

A Mini Crane Hire	<a href="http://www.aminicranehire.co.uk">www.aminicranehire.co.uk</a>
Easy Reach Scotland	<a href="http://www.easyreachscotland.co.uk">www.easyreachscotland.co.uk</a>
Emerson	<a href="http://www.emersoncranes.co.uk">www.emersoncranes.co.uk</a>
GGR	<a href="http://www.unic-cranes.co.uk">www.unic-cranes.co.uk</a>
Height for Hire	<a href="http://www.heightforhire.com">www.heightforhire.com</a>
Hire Maeda	<a href="http://www.maedaminicranes.co.uk">www.maedaminicranes.co.uk</a>
JT Mini Crane Hire	<a href="http://www.jtminicranes.co.uk">www.jtminicranes.co.uk</a>
Lift Limited	<a href="http://www.liftminicranehire.co.uk">www.liftminicranehire.co.uk</a>
NRC	<a href="http://www.nrcplant.co.uk">www.nrcplant.co.uk</a>
Hird	<a href="http://www.hird.co.uk">www.hird.co.uk</a>

## Self Erecting Tower Cranes

Bryn Thomas Cranes	<a href="http://www.brynthomascranes.com">www.brynthomascranes.com</a>
City Lifting	<a href="http://www.citylifting.co.uk">www.citylifting.co.uk</a>
Electrogen Int	<a href="http://www.electrogen.ie">www.electrogen.ie</a>
John Sutch Cranes	<a href="http://www.johnsutchcranes.co.uk">www.johnsutchcranes.co.uk</a>
King Lifting	<a href="http://www.kinglifting.co.uk">www.kinglifting.co.uk</a>
Ladybird tower	<a href="http://www.ladybirdcranehire.co.uk">www.ladybirdcranehire.co.uk</a>

## Tower Cranes

London Tower Cranes	<a href="http://www.londontowercranes.co.uk">www.londontowercranes.co.uk</a>
Electrogen Int	<a href="http://www.electrogen.ie">www.electrogen.ie</a>

## Heavy Lift Management

DWLS	<a href="http://www.dwls.co.uk">www.dwls.co.uk</a>
------	--

## Heavy Lift Planning & Risk Analysis

A1A Software	<a href="http://a1asoftware.com">a1asoftware.com</a>
DWLS	<a href="http://www.dwls.co.uk">www.dwls.co.uk</a>
HLC Consulting	<a href="http://www.hlconsulting.com">www.hlconsulting.com</a>

## Ancillary Equipment

TMC lifting supplies	<a href="http://www.tmc-lifting.com">www.tmc-lifting.com</a>
----------------------	--

## Auction Houses

Ritchie Brothers	<a href="http://www.rbauktion.com">www.rbauktion.com</a>
------------------	--

## Battery Suppliers & Manufacturers

Shield Batteries	<a href="http://www.shieldbatteries.co.uk">www.shieldbatteries.co.uk</a>
Trojan Battery	<a href="http://www.trojanbattery.com">www.trojanbattery.com</a>
Platinum International	<a href="http://www.platinuminternational.com">www.platinuminternational.com</a>

## Load Cells & Load Monitoring Systems

Force Logic UK Ltd	<a href="http://www.force-logic.co.uk">www.force-logic.co.uk</a>
MSL Oilfield Services Ltd	<a href="http://www.msluk.net">www.msluk.net</a>
PCE Instruments UK Ltd	<a href="http://www.pce-instruments.com">www.pce-instruments.com</a>

## Control Systems

MOBA Automation	<a href="http://www.moba.de">www.moba.de</a>
Intercontrol	<a href="http://www.intercontrol.de">www.intercontrol.de</a>

## Generator Sales & Rental

Electrogen Int	<a href="http://www.electrogen.ie">www.electrogen.ie</a>
JMS Powered Access	<a href="http://www.jms.co.uk">www.jms.co.uk</a>

## Insurance

Specialist Insurance	<a href="http://www.finchgroup.net">www.finchgroup.net</a>
----------------------	--

## Online Technical Help

Crane Tools	<a href="http://www.cranetools.com">www.cranetools.com</a>
-------------	--

## Outrigger Pads, Mats & Roadways

Alimats	<a href="http://www.craneriggermats.co.uk">www.craneriggermats.co.uk</a>
GTP Europe	<a href="http://www.gtp-europe.com">www.gtp-europe.com</a>
Marwood	<a href="http://www.marwoodgroup.co.uk">www.marwoodgroup.co.uk</a>
Mat & Timber Services	<a href="http://www.sarumhardwood.co.uk">www.sarumhardwood.co.uk</a>
Nolim	<a href="http://www.nolim.nl">www.nolim.nl</a>
Outriggerpads	<a href="http://www.outriggerpads.co.uk">www.outriggerpads.co.uk</a>
Timbermat	<a href="http://www.timbermat.co.uk">www.timbermat.co.uk</a>
TMC lifting supplies	<a href="http://www.tmc-lifting.com">www.tmc-lifting.com</a>
Universal Crane Mats	<a href="http://www.universal-crane-mats.com">www.universal-crane-mats.com</a>
Welex Group	<a href="http://www.welexgroup.com">www.welexgroup.com</a>

## Component Suppliers

Cone Drive	<a href="http://www.conedrive.com">www.conedrive.com</a>
PCE Instruments UK Ltd	<a href="http://www.pce-instruments.com">www.pce-instruments.com</a>
UE Components	<a href="http://www.ue-components.com">www.ue-components.com</a>

## Parts & Service Suppliers

Aerial & Handling Services	<a href="http://www.aerialandhandlingservices.com">www.aerialandhandlingservices.com</a>
Alfa Access Services	<a href="http://www.alfa-access-services.com">www.alfa-access-services.com</a>
Amerparts	<a href="http://www.amerparts.net">www.amerparts.net</a>
Caunton - Access	<a href="http://www.caunton-access.com">www.caunton-access.com</a>
Cone Drive	<a href="http://www.conedrive.com">www.conedrive.com</a>
Crowland Cranes	<a href="http://www.crowlandcranes.co.uk">www.crowlandcranes.co.uk</a>
C-Tech Industries	<a href="http://www.ctech-ind.com">www.ctech-ind.com</a>
Davis Access Platforms	<a href="http://www.davisaccess.co.uk">www.davisaccess.co.uk</a>
Donghua Limited	<a href="http://www.donghua.co.uk">www.donghua.co.uk</a>
Electrogen Int	<a href="http://www.electrogen.ie">www.electrogen.ie</a>
IPS	<a href="http://www.ipspartsonline.com">www.ipspartsonline.com</a>
JLG	<a href="http://www.jlgeurope.com">www.jlgeurope.com</a>
Lift-Manager	<a href="http://www.lift-manager.com">www.lift-manager.com</a>
OTR Wheel Engineering Europe	<a href="http://www.otrwheel.co.uk">www.otrwheel.co.uk</a>
TVH - Group Thermote & Vanhalst	<a href="http://www.tvh.be">www.tvh.be</a>
UE Components	<a href="http://www.ue-components.com">www.ue-components.com</a>
Unified Parts	<a href="http://www.unifiedparts.com">www.unifiedparts.com</a>
Vertimac	<a href="http://www.vertimac.com">www.vertimac.com</a>
Workplatform	<a href="http://www.workplatformltd.co.uk">www.workplatformltd.co.uk</a>

## Innovations

Aerial & Handling Services Ltd	<a href="http://www.aerialandhandlingservices.com">www.aerialandhandlingservices.com</a>
--------------------------------	--

## Recruitment

Vertikal.Net	<a href="http://www.vertikal.net/en/recruitment">www.vertikal.net/en/recruitment</a>
--------------	--

## Rental Management Software

Higher Concept Software	<a href="http://www.higherconcept.co.uk">www.higherconcept.co.uk</a>
Inspire	<a href="http://www.inspire.com">www.inspire.com</a>
MCS Rental Software	<a href="http://www.mcs.co.uk">www.mcs.co.uk</a>

## Replacement Filters

Plant Filters	<a href="http://www.plantfilters.co.uk">www.plantfilters.co.uk</a>
---------------	--

## Safety Equipment

AGS	<a href="http://www.ags-btp.fr">www.ags-btp.fr</a>
Airtek equipment	<a href="http://www.airteksafety.com">www.airteksafety.com</a>
Heaton Trestle Handrail System	<a href="http://www.heatonproducts.co.uk">www.heatonproducts.co.uk</a>
Heaton Scaffold Towers	<a href="http://www.heatonproducts.co.uk">www.heatonproducts.co.uk</a>
Load Systems UK Ltd	<a href="http://www.loadsystems.com">www.loadsystems.com</a>
Mantracourt Electronics	<a href="http://www.wirelessensorsystem.com">www.wirelessensorsystem.com</a>
Marwood	<a href="http://www.marwoodgroup.co.uk">www.marwoodgroup.co.uk</a>

## SMIE

	<a href="http://www.smie.com">www.smie.com</a>
--	--

Higher Concept	<a href="http://www.higherconcept.co.uk">www.higherconcept.co.uk</a>
inspire	<a href="http://www.inspire.com">www.inspire.com</a>
Matusch GmbH	<a href="http://www.matusch.de">www.matusch.de</a>
MCS Rental Software	<a href="http://www.mcs.co.uk">www.mcs.co.uk</a>

## Structural Repairs

Avezaat Cranes	<a href="http://www.avezaat.com">www.avezaat.com</a>
Crowland Cranes	<a href="http://www.crowlandcranes.co.uk">www.crowlandcranes.co.uk</a>
John Taylor Crane Services	<a href="http://www.jtcranes.co.uk">www.jtcranes.co.uk</a>

## Training Associations & Networks

ALLMI	<a href="http://www.allmi.com">www.allmi.com</a>
AWPT	<a href="http://www.awpt.org">www.awpt.org</a>
IPAF	<a href="http://www.ipaf.org">www.ipaf.org</a>
NASC	<a href="http://www.nasc.org.uk">www.nasc.org.uk</a>
Pasma	<a href="http://www.pasma.co.uk">www.pasma.co.uk</a>

## Training Centres & Trainers

Access Platforms Direct	<a href="http://www.accessplatformsdirect.co.uk">www.accessplatformsdirect.co.uk</a>
Access Platform Sales (APS)	<a href="http://www.iapsgroup.com">www.iapsgroup.com</a>
Astra Access	<a href="http://www.astratraining.co.uk">www.astratraining.co.uk</a>
Boss Training	<a href="http://www.bosstraining.co.uk">www.bosstraining.co.uk</a>
Active Safety	<a href="http://www.activerentals.co.uk">www.activerentals.co.uk</a>
Advanced Access Platforms	<a href="http://www.accessplatformsuk.com">www.accessplatformsuk.com</a>
Ainscough	<a href="http://www.ainscoughtraining.co.uk">www.ainscoughtraining.co.uk</a>
AJ Access	<a href="http://www.accessplatforms.com">www.accessplatforms.com</a>
Approved Safety Training -Ca	<a href="http://www.approvedsafetytraining.com">www.approvedsafetytraining.com</a>
CMT	<a href="http://www.c-m-t.co.uk">www.c-m-t.co.uk</a>
Elevation	<a href="http://www.elevation.net">www.elevation.net</a>
Emerson	<a href="http://www.emersoncranes.com/training">www.emersoncranes.com/training</a>
GT Access	<a href="http://www.gtaccess.co.uk">www.gtaccess.co.uk</a>
IAPS	<a href="http://www.iapsgroup.com">www.iapsgroup.com</a>
Lift-Manager	<a href="http://www.lift-manager.com">www.lift-manager.com</a>
LTC Training Services	<a href="http://www.ltctrainingservices.co.uk">www.ltctrainingservices.co.uk</a>
Mentor Training Solutions	<a href="http://www.mentortrainingsolutions.co.uk">www.mentortrainingsolutions.co.uk</a>
Nationwide Platforms	<a href="http://www.nationwideplatforms.co.uk/Training">www.nationwideplatforms.co.uk/Training</a>
SGB	<a href="http://www.sgb.co.uk">www.sgb.co.uk</a>
Smart Platform Rentals	<a href="http://www.smartplatforms.com">www.smartplatforms.com</a>
Transloader Services	<a href="http://www.transloaderservices.co.uk">www.transloaderservices.co.uk</a>
TVH Group	<a href="http://www.tvh.com">www.tvh.com</a>
UTN	<a href="http://www.utntraining.co.uk">www.utntraining.co.uk</a>
Versalift Training Direct	<a href="http://www.versalift.co.uk/training">www.versalift.co.uk/training</a>
Warren	<a href="http://www.warrenaccesstraining.co.uk/courses/">www.warrenaccesstraining.co.uk/courses/</a>
Access Training Workplatform	<a href="http://www.workplatformltd.co.uk/customer-support/operator-training">www.workplatformltd.co.uk/customer-support/operator-training</a>

## Safety Training

Atlas Cranes UK	<a href="http://www.atlasgmbh.com">www.atlasgmbh.com</a>
Avon Crane	<a href="http://www.avoncrane.co.uk">www.avoncrane.co.uk</a>
Brogan Group	<a href="http://www.brogangroup.com">www.brogangroup.com</a>
Davis Access	<a href="http://www.davisaccess.co.uk">www.davisaccess.co.uk</a>
Emerson	<a href="http://www.emersontrainingservices.co.uk">www.emersontrainingservices.co.uk</a>
Height for Hire	<a href="http://www.heightforhire.com">www.heightforhire.com</a>

## Training Services

Facelift	<a href="http://www.facelift.co.uk">www.facelift.co.uk</a>
HCS	<a href="http://www.hydrauliccraneservices.co.uk">www.hydrauliccraneservices.co.uk</a>
Hewden Training	<a href="http://www.hewden.co.uk/training">www.hewden.co.uk/training</a>
Hi-Reach	<a href="http://www.hi-reach.co.uk">www.hi-reach.co.uk</a>
Hiab	<a href="http://www.hiab.com">www.hiab.com</a>
Horizon Platforms	<a href="http://www.ipaftrainingcourses.co.uk">www.ipaftrainingcourses.co.uk</a>
JLG Training	<a href="http://www.jlgeurope.com">www.jlgeurope.com</a>
L&B Transport	<a href="http://www.lbtransport.co.uk">www.lbtransport.co.uk</a>
Liebherr Training (UK)	<a href="http://www.liebherr.co.uk">www.liebherr.co.uk</a>
Lifting Equipment Training	<a href="http://www.lifted.co.uk">www.lifted.co.uk</a>
Loxam	<a href="http://www.loxam-access.co.uk">www.loxam-access.co.uk</a>
Lyte	<a href="http://www.lyteladders.co.uk">www.lyteladders.co.uk</a>
Mainline Access	<a href="http://www.mainline-access.co.uk">www.mainline-access.co.uk</a>
Mentor Training	<a href="http://www.mentortraining.co.uk">www.mentortraining.co.uk</a>
Mr Plant Hire	<a href="http://www.mrplantire.co.uk">www.mrplantire.co.uk</a>
Nationwide Platforms	<a href="http://www.nationwideplatforms.co.uk">www.nationwideplatforms.co.uk</a>
Norfolk Training Services	<a href="http://www.norfolktraining.co.uk">www.norfolktraining.co.uk</a>
Rapid Platforms	<a href="http://www.rapidplatforms.co.uk">www.rapidplatforms.co.uk</a>
Southern Crane & Access	<a href="http://www.southerncranes.co.uk">www.southerncranes.co.uk</a>
TH White	<a href="http://www.thwhite.co.uk">www.thwhite.co.uk</a>
Terex Atlas (UK) Ltd.	<a href="http://www.atlascranes.co.uk">www.atlascranes.co.uk</a>
TVH Group	<a href="http://www.tvh.com">www.tvh.com</a>

## Training Simulators

CM Labs	<a href="http://www.cm-labs.com">www.cm-labs.com</a>
---------	--

## Crane Attachments

Kinshofer	<a href="http://www.kinshofer.com">www.kinshofer.com</a>
-----------	--

## Wire Rope & Cable

Teufelberger Seil	<a href="http://www.teufelberger.com">www.teufelberger.com</a>
TMC Lifting	<a href="http://www.tmc-lifting.com">www.tmc-lifting.com</a>
Casar	<a href="http://www.casar.de">www.casar.de</a>

## Winches & Hoists

Rotzler	<a href="http://www.rotzler.com">www.rotzler.com</a>
---------	--

## Tyre Suppliers

Mitas Tyres	<a href="http://www.mitas-tyres.com">www.mitas-tyres.com</a>
-------------	--

## Traffic Management

Atlas Traffic Management	<a href="http://www.atlastm.co.uk">www.atlastm.co.uk</a>
--------------------------	--

## Technical & Safety Consultancy

Access Safety Management	<a href="http://www.accesssafety.co.uk">www.accesssafety.co.uk</a>
--------------------------	--

## Site Safety Audits

Access Safety Management	<a href="http://www.accesssafety.co.uk">www.accesssafety.co.uk</a>
--------------------------	--



If your company is not listed sign up online or email [info@vertikal.net](mailto:info@vertikal.net) or call 12 months online entry with hot-link to your website and publication in every issue of C&A costs just £175/€280

USED EQUIPMENT • SPARE PARTS • RECRUITMENT • RECONDITIONING • HIRE • WANTED • USED EQUIPMENT • SPARE PARTS • RECRUITMENT • RECONDITIONING • HIRE • WANTED

www.vertikal.net

# KRAN & BÜHNE

Das Magazin für Kran- & Arbeitsbühnen-Anwender

## Ihr Vorteil!

Um leistungs- und wettbewerbsfähig zu bleiben, benötigt die Industrie hochqualifizierte und ihre Märkte betreffende Informationen. Diesem Verlangen kommt *Kran & Bühne* mit praxisorientierten Artikeln nach. Mit unseren Publikationen helfen wir den Lesern, gerade bei härteren Marktbedingungen, fundierte Entscheidungen zu treffen. Die Artikel werden von einem erfahrenen, international und in Deutschland tätigen Journalistenteam verfasst. *Kran & Bühne* liefert dem Leser Neuigkeiten und Baustellenberichte. Ein wichtiger Bestandteil sind dabei harte Fakten darüber, welche Ausrüstung für welche Einsätze geeignet ist.

### Abonnieren Sie jetzt einfach & bequem!

Per Fax: (07 61) 88 66 814  
 oder per Post: Kran & Bühne | Sundgauallee 15 | D-79114 Freiburg  
 Tel. (07 61) 89 78 66-0 | Fax (07 61) 88 66 814 | E-Mail: info@Vertikal.net | www.Vertikal.net

Ja, ich abonniere *Kran & Bühne* für ein Jahr (8 Ausgaben) für 26,- Euro (inkl. 7% MwSt.) frei Haus (bzw. 39,- Euro für Abonnenten außerhalb Deutschlands).

» Name/Vorname: .....  
 » Firma: .....  
 Umsatzsteuernummer (nur bei Firmen)  
 » Straße/Postfach: .....  
 » Postleitzahl/Ort: .....  
 » Land: .....  
 » Tel.: .....  
 » Fax: .....  
 » E-Mail-Adresse: .....  
 » 1. Unterschrift des Abonnenten: .....

» Ich wünsche folgende Zahlungsweise:  
 Bargeldlos per Bankeinzug (nur in Deutschland)     gegen Rechnung

» IBAN: .....  
 » BIC: .....  
 » Geldinstitut: .....  
 » Firma: .....  
 » Postleitzahl/Ort: .....

Hiermit bestätige ich, dass die Abbuchung des jährlichen Abo-Betrages von 26,- Euro für o.g. Firma/Anschrift vorgenommen werden kann.

» 2. Unterschrift des Abonnenten: .....

Widerrufgarantie: Das Abonnement kann jederzeit und ohne Angabe eines Grundes widerrufen werden. Die Kosten für nicht zugestellte Ausgaben werden zurückerstattet.

**Vertikal**.net



# C.L.M. CUTTING LIFTING MIXING

## CONSTRUCTION SUPPLIES LTD

We offer a full range of goods and transport platform, also a goods / passenger hoist to a height of 150m.

There's a new addition to our range, the AL-DYNAMIC 8000, with a lifting capability of 8000kg. It ensures a fast and precise handling of loads such as; steps, steel plates, balcony repos and so much more.

0844 800 1750 • www.clm-supplies.com • sales@clm-supplies.com



# COTAC OY



## LIEBHERR LTM 1120/I

We have a wide range of used cranes available immediately, 20 - 500 ton

Forklifts, platforms and spare parts for lift equipments on stock

All equipment is serviced and inspected so they are ready to work immediately

We deliver to all major ports worldwide!

**WWW.CRANE.FI**

Tel +358 400 699469 Email office@crane.fi

MOBILE CRANES FINLAND

# FOR SALE

**2012**

LTM1200-5.1  
72M / 76 cwt  
Direct from user



**2015/6**

LR1600/2  
Choice of 2/  
great spec



TRADING • AUCTION • CONSULTANCY  
REMARKETING CRANES • TRUCKS • ACCESS  
HEAVY EQUIPMENT • RAIL

**ALSO FOR SALE**

Choice over 20 number PB S171-12ES  
& S225-12ES platforms



A Craig Revell Company

Contact CRAIG REVELL  
craig@morganleyzan.com  
Tel: +44 (0) 1832 279043

Subscribe at our web site [www.morganleyzan.com](http://www.morganleyzan.com)

# DEL DEN CRANES LTD

- **Crawler crane hire from 50t to 300t**
- Used crawler crane sales
- Crawler crane spare parts
- Test weight hire
- Fabrication of crane parts including boom sections
- Major overhauls including electric and hydraulic systems
- Site repairs and servicing for crawler cranes
- Ancillary equipment such as hooks, booms and grabs

## Crawler cranes for sale

**Fuwa QUY90 90t**, Year 2009, 49m boom + 39m luffer

**RB CH50 50t**, Year from 2000, 45m boom + fly available

**Fuwa QUY160 160t**, Year 2008, 63m boom, 31m fly Jib, runner jib

**RB CH135 135t**, Year 2005, 54m boom, 27m fly Jib

**Kobelco CKE1350-1F 135t**, Year 2008, 54.9m boom, runner jib

**Kobelco CKE2500-2 250t**, Year 2010, 61m boom, runner jib

111 Station Road, Selston, Nottinghamshire NG16 6FF, England

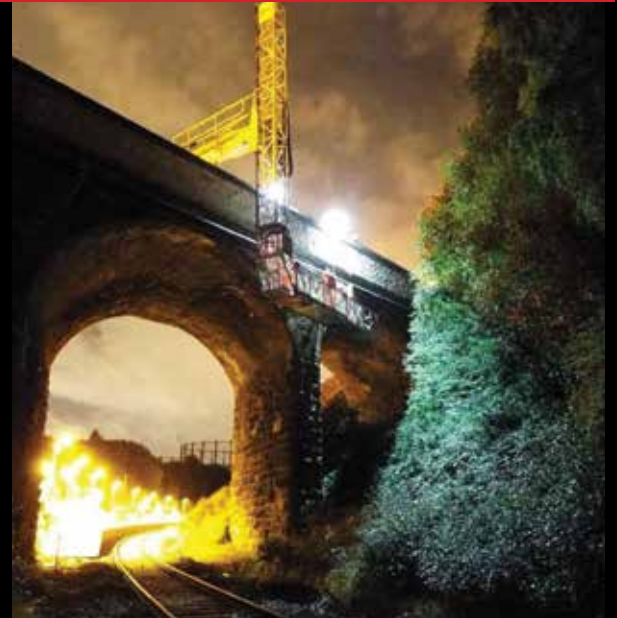
Tel: +44 (0) 1773 581001 Fax: +44 (0) 1773 580483

Email: info@deldencranes.co.uk Web: [www.deldencranes.co.uk](http://www.deldencranes.co.uk)



# UNDERBRIDGE INSPECTION PLATFORMS

# FOR HIRE & CROSS HIRE IN THE UK



We offer the most modern, up-to-date Underbridge Inspection Platforms to the UK market for all you HIRE and CROSS HIRE requirements. From the moment of first contact until you return the machine we aim to satisfy your total needs.

Consultation, advice and site surveys are offered FREE of CHARGE as standard without commitment.

Hire periods will be for the time you require, minimum being one day, one week, one month, one year or longer. We also offer extended period contract hire.

For further information on the very latest in Underbridge Inspection Platforms for HIRE & CROSS HIRE please contact:



**MANLIFT HIRE LTD.**

Head Office:

Unit C, Barryscourt Industrial Estate, Carrigtwohill, Co. Cork  
Tel: +353 (0)21 4389732 Tel: UK number +44 (0)1543 422868  
Email: cork@manlift.ie



[www.manlift.ie](http://www.manlift.ie)

Summer 2019

### Spare parts



**TI-1245NM**

Genie eq. 105122

**Wheel, non-marking**  
Type 12x4.5

Used for GS1530, GS1532,  
GS1930, GS1932



**TI-125425NM**

Haulotte eq. 2820302920

**Wheel, non-marking**  
Type 12.5x4.25

Used for Optimum 6, Optimum 8



**TI-323100NM**

JLG eq. 2915012

**Wheel, non-marking**  
Type 323x100

Used for 1230ES, 1930ES



**TI-2008SGGF**

Skyjack eq. 158436

**Wheel, non-marking**  
'front' - no brake

Used for SJ12, SJ16, SJIII3215,  
SJIII3219



**TI-305100255D**

Upright eq. 504350-000

**Wheel, non-marking**  
'front-drive' - Type 305x100x255

Used for MX19



**TI-155NM**

Genie eq. 105454

**Wheel, non-marking**  
Type 15x5

Used for GS2032, GS2646,  
GS2632, GS3232, GS4047



**TI-155NM-H**

Haulotte eq. 2820302890

**Wheel, non-marking**  
Type 15x5

Used for Compact 8,  
Compact 8W, Compact 10, ...



**TI-406125NM**

JLG eq. 2915013

**Wheel, non-marking**  
Type 406x125

Used for 2030ES, 2630ES,  
2646ES, 3246ES



**TI-16512FG**

Skyjack eq. 161891

**Wheel, non-marking**  
'front' - no brake

Used for SJIII3220, SJIII3226,  
SJIII4626, SJIII4632



**TI-155NM-S**

Upright eq. 502170-000

**Wheel, non-marking**  
Type 15x5

Used for SL20, X26N, X32N, ...

### Machines

V20575



**Haulotte**  
Optimum 8

€ 7.750

2017 ■ 108 Hrs

Electric ■ 7,76 Mtr.

V26558



**Skyjack**  
SJ8841

€ 7.950

2006 ■ 983 Hrs

Electric ■ 11,4 Mtr.

V26341



**Skyjack**  
SJ7127

€ 4.950

2004 ■ 3229 Hrs

Diesel 4x4 ■ 10,1 Mtr.

V26496



**Haulotte**  
H12SX

€ 11.500

2008 ■ 2290 Hrs

Diesel 4x4 ■ 12 Mtr.

V25504



**JLG**  
4394RT

€ 16.500

2007 ■ 1253 Hrs

Diesel 4x4 ■ 15,11 Mtr.

V26973



**Genie**  
Z30-20N

€ 10.950

2004 ■ 1992 Hrs

Electric ■ 11,14 Mtr.

V22526



**Manitou**  
120AETJC

€ 12.500

2006 ■ 1231 Hrs

Electric ■ 11,95 Mtr.

V26901



**Upright**  
AB38L

€ 9.500

2005 ■ / Hrs

Electric ■ 13,5 Mtr.

V26857



**Genie**  
Z34-22RT

€ 15.950

2009 ■ 3061 Hrs

Diesel 4x4 ■ 12,62 Mtr.

V20749



**Haulotte**  
HA16RTJ Pro

€ 39.500

2017 ■ 929 Hrs

Diesel 4x4 ■ 16 Mtr. ■ Generator

### More information?

- **Spare parts** + 32 56 612 666 ■ parts@vertimac.com
- **Machines** + 32 56 772 666 ■ sales@vertimac.com

AVAILABLE  
FROM STOCK



# PREMIUM FEATURES FOR ENHANCED PERFORMANCE

ES Series scissor lifts offer up to double the battery life than comparable models thanks to their electric drive system. That —combined with faster travel speeds, improved gradeability and fewer leak points —makes them ideal for sensitive work and long shifts, while giving users the confidence that they'll have enough power to load them onto the truck at the end of the day.