

The Vertikal guide

for buyers and users
of lifting equipment



Vertikal days



www.vertikaldays.net

Access
equipment

Cranes

Lorry loaders

Telehandlers

2015





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Sales & Marketing

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This year's big show

C&A

vertikal days



It is hard to believe, but Vertikal Days goes into its ninth show as Europe's - and possibly the world's - largest crane and platform event this year! It certainly has more crane and aerial lift exhibitors - and a larger number of machines on display - than any other show being held in 2015. Hopefully the spring weather will be kind, and help make it the best Vertikal Days so far in terms of visitors. Pre-registrations are up again, with a good number of first time visitors registering, alongside hundreds of regulars.

This year the range of exhibits is substantially wider than ever before, ranging from batteries and tyres to some of the largest cranes on the market.

One thing is absolutely certain, if you have any interest in lifting equipment of any kind, this year's event is an absolute must. As usual you have the chance to see all of the world's major crane and access manufacturers without having to walk miles and in a setting where exhibitors are not distracted by thousands of gawkers or side shows. You can be sure that everyone else at the show - both visitors and exhibitors alike - share your interest and are involved in a similar business to yourself, helping make what is already a very social

event even more productive and enjoyable.

A year of changes

The 2015 event will maintain the popular format of free parking, free hospitality and a friendly informality, but will also see the introduction of more changes and improvements than ever before, in an attempt to significantly upgrade the visitor experience without spoiling the most popular aspects of this unique event. Changes include relocating and expanding the Marketplace, doubling the main food serving stations in the Catering Marquee and separating the barbeque and sandwich bars, all aimed at reducing the food queues at peak times, not an easy task when you are feeding well over 1,500 people each day.

If you haven't already pre-registered you can do so at www.vertikaldays.net - You can also print out your own badge to speed your passage into the show.



People, meetings and seminars

If you are associated with the lifting business but not as passionate about the equipment as some, no problem! You can focus on the many other aspects of the event from meeting your peers to informative workshops, seminars and meetings. Typically more than 80 percent of the UK and Ireland's specialist rental companies will attend over the two days, along with an increasing number of large end users, which together represent the vast majority of the region's annual buying power. This gives ample opportunity to network and exchange ideas with others. There are also more short meetings and seminars this year, including the CPA hosting a Strategic Forum meeting and several IPAF events. It all adds up to allowing more time for your visit.



Catering

Vertikal Days is unique in that visitors really do get a 'free lunch'. Our caterer Barry Miles is back with his largest team so far, and will be roasting 15 free-range, large white porkers from Bovingdon, Hertfordshire, barbecuing over a thousand sausages from the same supplier and several thousand beef burgers. Once again there will be a vegetarian option or two, tasty salads and a cheese bar. And for those who prefer something really quick, you can get a freshly made sandwich or baguette at the popular sandwich bar. A big change this year is the doubling up of the main serving stations, now available at both ends of the larger Catering Marquee.



Lunch menu

Miles' famous hog roast
Barbecue stall with burgers and sausages
Vegetarian chilli
Salad selection
Cheese board including Spierings' Cornish Gouda
Fruit basket
Sandwich/baguette bar for those in a hurry

Marketplace

In a new location and bigger again with more exhibitor stands, the Marketplace is the place to have a coffee and meet up and check out a whole host of suppliers providing training, replacement parts, batteries, software and safety technology, finance and legal services.





Evening event

Wednesday evening is the annual Vertikal networking event. This year sees some significant changes as we implement stage one of a two year transformation of the event, which started in 2007 as a simple evening meal with entertainment for about 150 exhibitor staff and the odd customer or two. In recent years it has grown to a point where numbers have had to be limited to 750 for space and safety reasons. This year the menu is being expanded to include a hot buffet with more selection and variety and most importantly, more seating. The musical interlude will be provided by the highly popular Roller Coaster, back after a two year break. Tickets will be supplied to exhibitors first, with any additional tickets offered on a first come, first served basis to those who want them. You can put your name on the waiting list by emailing: pt@vertikal.net.

Practical details

Venue:

Haydock Park, Newton-le-Willows, WA12 0HQ, off junction 23 of the M6

Show dates and times:

Wednesday 13th May: 10.00-17.30

Thursday 14th May: 10.00-16.30

Coffee, tea and snacks served in the Marketplace all day.

Lunch is served in the Catering Marquee: 12:30-14:30

Networking Event: (tickets required)

Wednesday 13th May: 18.30-11.00

How to Register:

- Pre-register online and print out your badge,
- Bring along a completed invitation and swap for a badge, or just turn up with a business card and swap it for a badge.

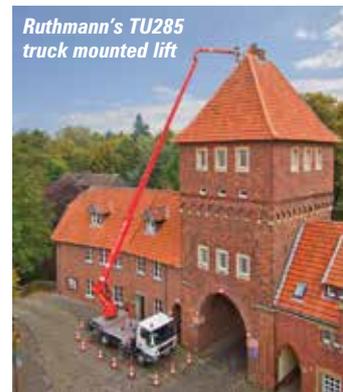
So what's to see at the show?

The following is the full listing of exhibitors grouped by major product sectors. There is also a full alphabetical listing on page 52.

Access Equipment & Telehandlers

Access Industries: Stand 107

See Multitel Pagliero



Access Sales International: Stand 401

The UK distributor for Ruthmann, Access Sales International will have a wide selection of truck mounted lifts on the stand including the recently launched 28.5 metre

TU285, mounted on a 7.5 tonne chassis. The unit offers 20.5 metres of outreach and a platform capacity of 230kg. Other models include a 22 metre TBR220, a 63 metre T630 and a 72 metre T720.

Aerial and Handling Services: Stand 212

As the Airo dealer in the UK, Aerial and Handling Services will have a total of seven Airo platforms on show including three articulated boom lifts and four scissor lifts. It will also exhibit its deckRailXtra material

handling attachments and is likely to have a number of Sanctuary Zone products on display.

Affordable Access: Stand 101a

The Co.Me.t distributor will showcase its 26 metre Eurosky 26 articulated truck mounted lift fitted with 17 inch super single rims and tyres, which effectively makes it suitable for off-road applications. It will also have the new Eurosky 22/2/10JIB mounted on a Fuso Canter on the stand, along with the new Eurosky 14/2/6/HQ mounted on a Ford Ranger. The company was recently appointed agent for Goanna Track's super single rims for Canter, Isuzu & Iveco and will launch the product at the show.



The 26 metre Co.Me.t Eurosky 26 fitted with 17 inch super single rims and tyres

Airo: Stand 212

See Aerial and Handling Services

AJ Access Platforms: Stand 203

The largest scissor lift at the show - a 83ft Holland Lift Hybrid HL-275 H25 4WD/P/N with 27 metre working height and 1,000kg platform capacity - can be found on the AJ Access stand. Also on the stand will be a selection of refurbished aerial lifts for sale, while several Holland Lift specialists will be on hand to offer information and advice on its products.

Almac: Stand 105/6

See Skyking

APS: Stand 306/7

See IAPS

Ascendant Access: Stand 102

British truck and van mounted lift manufacturer Ascendant Access will have a number of van and truck mounted lifts on its stand, including its 22 metre A22, 18 metre A18, 12.5 metre VM12.5 and its Urban Artic unit and trailer. Following a partnership agreement between Ascendant's parent company Redwood and truck manufacturer Iveco, there will be representatives from the Italian-based company on the stand.

ATN: Stand 310

ATN will show a selection of machines, including its new 10 metre PIAF 1000R mast boom, 8.1 metre PIAF 810 tracked mast boom and the four-wheel drive Zebra 16 articulated Rough Terrain boom lift,

which will be equipped with the company's new ACS secondary guarding system. Also ask about its new 23 metre spider lift launched at Intermat.

Avant Tecno: Stand 410

Avant will show its new wheeled and tracked Leguan 135 self-propelled platforms. Offering an outreach of 6.8 metres, auto levelling and a 140kg platform capacity, the new machines will be joined by the 16 metre Leguan 160 spider lift and the five metre Leguan 50 telescopic mast platform attachment for a front-end loader. It will also have a number of compact tool carriers and attachments on display.



Avant's new Leguan 135 tracked platform

Big Astor: Stand 510a

As well as showing its Pedestrian Tunnel and modular pedestrian footpath, Big Astor will be showing its first People Lift push around scissor - the four metre working height Genius MAK1. With guardrails removed it has a stowed height of just 520mm and weight of 94kg. Overall dimensions are 1160x790mm and has a height of 1620mm when fitted with rails.

Bizzocchi: Stand 303

See CTE

Böcker: Stand 103/4

See Kranlyft

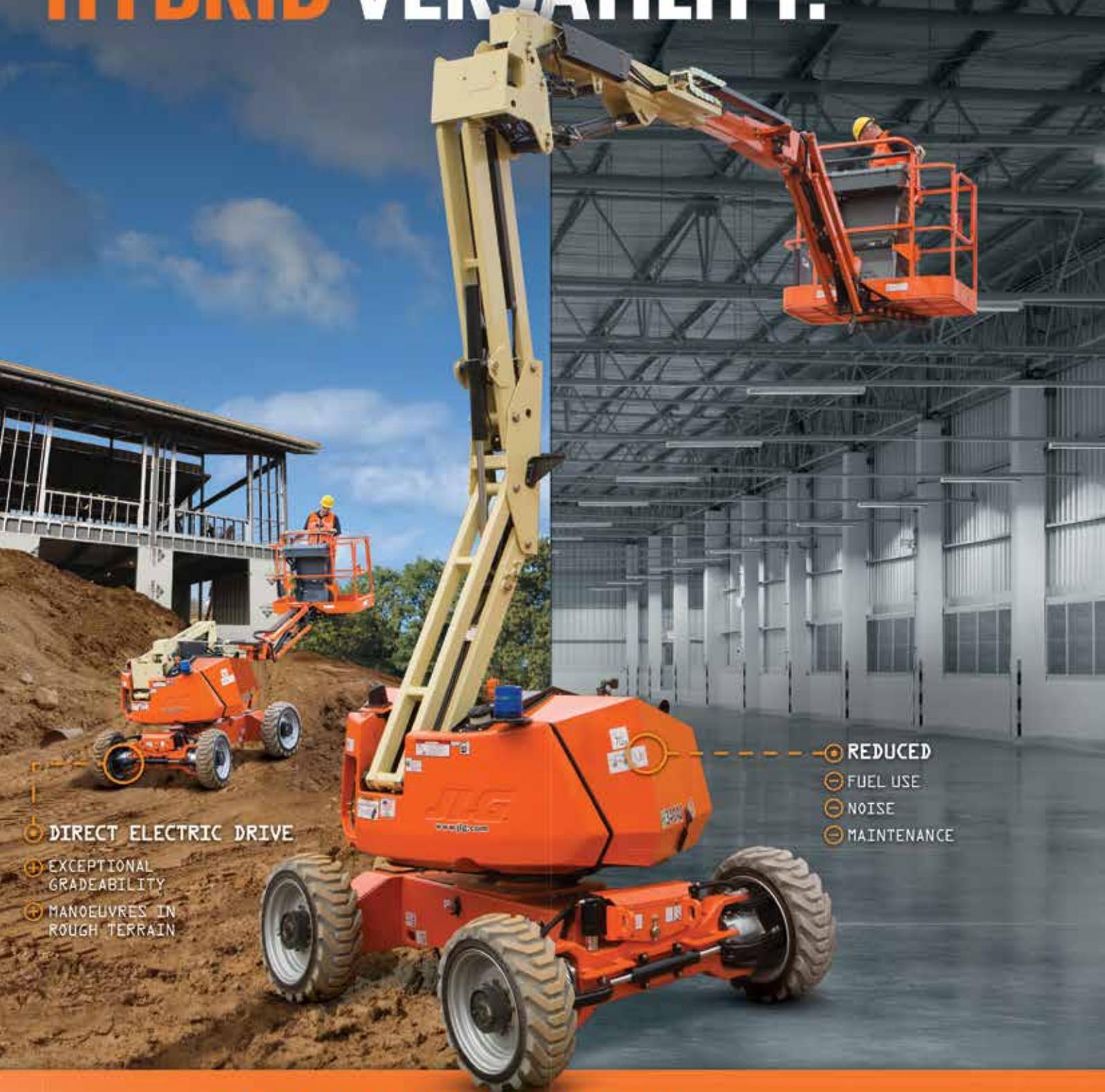
Bronto Skylift: Stand 100

Truck mounted lift manufacturer Bronto will use the show to debut the first 47 metre S47XR in the UK. Mounted on a 26 tonne Volvo FM chassis with full sleeper cab and rear steer axle, it has been fitted with a newly redesigned rotating camera cage. The company will also exhibit a fully-specified 56 metre S56XR, fitted with a CW-400 cage winch, 1,100kg boom winch, lighting rigs and camera pods as well as a 90 metre S90HLA mounted on a Volvo FM rear steer chassis. Be sure to also visit its stand in the Marketplace to test your skills on its latest training simulator.



The Bronto S47XR will be making its UK debut

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Watch it in action at www.jlg.com/en-gb/hybrids



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CMC: Stand 201

See *Ranger Equipment*

Co.Me.t: Stand 101a

See *Affordable Access*

Cormidi: Stand 312

See *GGR*

CTE UK: Stand 303

CTE will display the new compact 20.7 metre Zed21.2JH which is significantly lighter than its previous model due to a new design, new high-strength materials and redesigned sub-frame and outrigger assembly. Mounted on a 3.5 tonne Nissan Cabstar chassis it offers an outreach of 10 metres and an unrestricted platform capacity of 280kg. The company will also have its 26 metre Zed26JH on show mounted on a 7.5 tonne chassis.

Cumberland Platforms:
Stand 407

Recently appointed as the UK distributor for Imer Access/Iteco, Cumberland will have four Imer scissor lifts on the stand, with working heights from 6.5 to 14 metres, as well as the company's 18.7 metre IM R19 and 12.8 metre IM R13 spider lifts. The company will also display two 13.2 metre Socage A314 truck mounted lifts mounted on a Toyota Hilux and an Isuzu D Max chassis.



Imer's 6.5 metre IM 4680 MC scissor lift features a 360mm lateral deck extension

Custom Equipment: Stand 403b

See *HY-Brid Access Platforms*

Dingli: Stand 101d

See *KAM Trading*

Dinolift: Stand 411a

Dinolift is exhibiting at the show directly for the first time as it looks to obtain feedback on its products - which include booms, trailers and spider lifts - with an eye to adapt them to suit the UK/Ireland market. Do stop by and give them the benefit of your experience.

Easylift: Stand 105/6

See *Skyking*

Facelift: Stand 102

Sharing a stand with Ascendant, Facelift is one of the UK's leading access rental companies.

Falcon: Stand 404

See *TCA Lift*

Faraone: Stand 308

Italian aerial lift and scaffold manufacturer Faraone will use the show to launch the Elevah 40 Picking, a self-propelled lift/stock picker. Similar in shape and size to its Elevah 40 Move, an added lifting shelf allows objects weighing up to 40kg to be lifted to a height of three metres. With an overall weight of just 180kg, the battery powered lift offers a four metre working height and a 150kg maximum platform capacity.



Faraone will launch the Elevah 40 Picking

Faresin: Stand 101d

See *KAM Trading*

France Elévateur: Stand 101c

See *Utility Equipment*

Gehl: Stand 205

See *Manitou*

Genie: Stand 608

Genie is almost certain to have



Genie's 180ft SX180 boom lift



the highest self-propelled aerial lift on the showground with its 180ft SX-180 boom lift. Alongside it will be its newly launched electric 33ft Z-33/18 boom lift, the 62ft diesel Z-62/40 boom lift, a battery electric GS4047 scissor lift with enhanced Genie Smartlink control system and a compact GTH-2506 telehandler.

Genius: Stand 510a

See *Big Astor*

Giraf Track: Stand 312

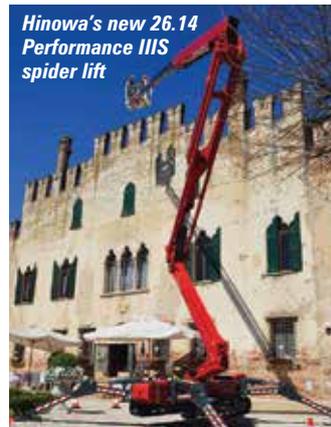
See *GGR*

GSR: Stand 105/6

See *Skyking*

Hinowa UK: Stand 305

The new 26 metre Hinowa 26.14 Lightlift Performance IIIS spider lift will make its UK debut at Vertikal Days after being unveiled at Intermat. The company and its UK dealer APS, will also showcase a number of other Hinowa spider lifts including some from its Lithium range and a selection of tracked dumpers.



Hinowa's new 26.14 Performance IIIS spider lift

Holland Lift: Stand 203

See *AJ Access Platforms*

HY-Brid Access Platforms:

Stand 403b

Custom Equipments' UK distributor Hy-Brid Access Platforms will have a range of low level access platforms on show including the recently CE-marked 5.66 metre HB1230CE self-propelled scissor lift and the 3.6 metre HB-P3.6 push around.

IAPS Group: Stand 306/7

IAPS' three divisions - IPS, APS and PSR - will all be represented on its stand this year. IPS will launch a new range of parts consumables including its own branded chemical and lubricant sprays, plus its Power series of deep cycle traction batteries. It will also display new products from its Outriggerpads division as well as showcasing the Thermoil range of battery additives for the first time. PSR will have a new mobile service van on display while APS will show a range of machines from the manufacturers it represents which includes Genie, Isoli, Niftylift, Ommelift, Wienold Lift and Youngman BoSS.

Imer: Stand 407

See *Cumberland Platforms*

IP Forktrucks

UK rental company IP Forks will not be exhibiting at the show however it is supporting the event by providing one of its forklifts.

Isoli: Stand 306/7

See *IAPS*

Iteco: Stand 407

See *Cumberland Platforms*

JCB: Stand 406

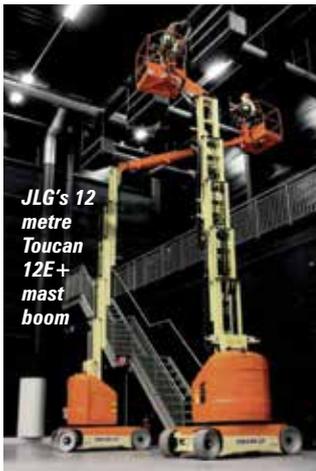
JCB will have the largest fixed frame telehandler at the show with its 20 metre 540-200 powered by an EU stage IIIB/Tier 4 Interim engine. Also on the stand will be the new 525-60 Hi Viz Loadall powered by a Kohler Tier 4 engine, along with a series of models from JCB's telehandler line. The company will also have staff on hand to discuss its finance and insurance offers.

JCB's new 525-60 Hi Viz Loadall will be on show



JLG: Stand 408/9

Vertical Days will be the first chance for many to see JLG's new, top of the line mast boom - the 12 metre Toucan 12E+ with telescopic jib. Other products will include models from its RS rental range of slab scissor lifts and a 60ft 600AJ boom lift equipped with the company's SkyGuard secondary guarding system with reverse functionality. The system is now available to retrofit to all JLG diesel booms manufactured since 2004. Finally the company will show the new 26 metre X26J Plus tracked spider lift with 230kg unrestricted platform capacity.



JLG's 12 metre Toucan 12E+ mast boom

KAM Trading will have a 11.5 metre Dingli AMWP11.5-8100 mast boom on show.



KAM Trading: Stand 101d

KAM Trading now represents Dingli platforms, Manotti platforms and cranes and Faresin telehandlers - so expect a very full stand. Dingli products on display include an 11.5 metre AMWP11.5-8100 mast boom along with several of Dingli's increasingly popular electric slab scissor lifts. KAM Trading will also launch the 20 metre Manotti double pantograph GDX20E truck mounted lift on a Nissan Cabstar chassis, as well as showing three Faresin telehandlers - the FH6.25, FH14.42, and FH17.40.

Leguan: Stand 410

See *Avant Tecno*

Liftlux: Stand 408/9
See *JLG*

Manitou: Stand 205

Celebrating the recent sale of its 500,000th machine, Manitou will exhibit a limited edition MLT 735 telehandler painted in a special benchmark livery. The main attraction however will be its new 12 metre Man'Go boom lift that was launched at Intermat.



A limited edition Manitou MLT 735 telehandler

Manotti: Stand 101d

See *KAM Trading*

MEC: Stand 202

MEC, now distributed by APS, will exhibit a number of its innovative machines including the 60ft 6092RT Rough Terrain and hybrid 4069ERT scissor lifts together with a 30ft Speed Level. Most notable though



vertical days

will be the unique Titan Boom - half mega deck scissor lift and half boom lift with a bit of telehandler DNA thrown in for good measure. Ask about plans for its new simple 60ft boom.

Multitel Pagliero: Stand 107

Multitel and its UK dealer Access Industries will exhibit three new truck mounted lifts, as well as a number of updated products. Launched at Intermat, the 16.2 metre straight telescopic MT 162 EX truck mount offers an outreach of 11.1 metres and a maximum platform capacity of 300kg. The second new product is a MJ 201 mounted on an Iveco Daily chassis, while its third is a new 30 metre SMX 300 HD spider lift which will feature alongside its existing 25 metre SMX 250 spider lift which only weighs 2,770kg.

Multitel will feature a new spider lift with a 30 metre working height.



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Nationwide Platforms:

Stand 400

Visit the Nationwide Platforms stand and take a 'selfie' from the top of a 28 metre Ruthmann T285 truck mounted lift. Share the picture on social media using the hashtag #selfieatheight for a chance to win a prize.

Niftylift: Stand 301/2

The Niftylift stand always has a wide selection of boom and trailer lifts on show. This year the star of the show is its re-engineered 17 metre HR17N Hybrid boom lift alongside its 86ft HR28 Hybrid self-propelled articulated boom. Other self-propelled models include a 63ft HR21 Hybrid, a 43ft HR15 4x4 and a 33ft HR12NDE. The company's market-leading trailer lift line will be represented by a 14.7 metre 150TPET model.



Niftylift's HR28 Hybrid self-propelled boom lift



Oil&Steel's 14 metre Octopus 14 spider lift

Oil&Steel: Stand 101b

Sharing a stand with sister company the PM Group, Oil&Steel will highlight its 14 metre Octopus 14 spider lift, as well as its new 20 metre Snake 2010H truck mounted lift which has been redesigned to be more lightweight and compact as well as featuring H-style outriggers. The company will also show an 18 metre Scorpion 1812 which offers an outreach of 12 metres and a maximum 225kg platform capacity.

Ommelift: Stand 306/7

See IAPS



Palfinger Platforms: Stand 105/6

See Skyking

Platform Basket: Stand 209

See Promax

Pop-Up Products: Stand 411

While not attending the show itself, Snorkel UK represents the manufacturer of low level scissor lifts.

Power Scissor: Stand 403

See The Access Platform Company

Power Towers: Stand 304

Power Towers will exhibit a number of models from its Power Tower, Nano SP and Eco ranges. The highlight of the stand will be the new 4.2 metre Ecolift, big brother to the company's highly successful

Pecolift. Wind rated versions of both products are also available and will be on display.



Power Towers' Pecolift and Ecolift will both feature at Vertikal Days

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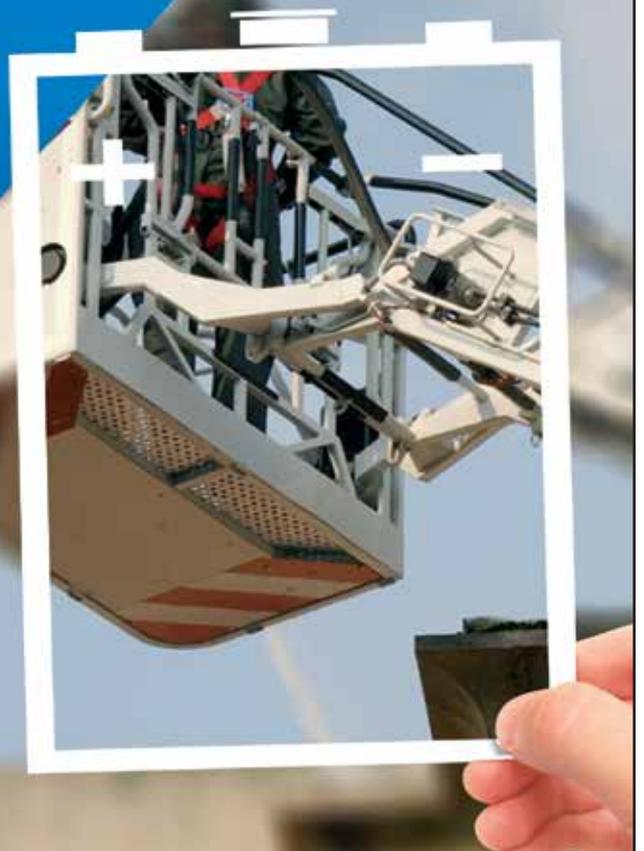
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Promax Access: Stand 209
Promax - the Platform Basket, Reedyk Compact Cranes and Faraone distributor - will have a wide range of products on show including a new lithium powered Spider 33.15 and a new 22 metre Spider 22.10 with 230kg platform capacity, both from Platform Basket. Also on display will be the 4.25 tonne Reedyk C3412 articulated mini crane and a number of innovative low level access platforms from Faraone's Elevah range.

Ranger Equipment: Stand 201
The UK distributor for CMC spider lifts will demonstrate the 14.9 metre CMC S15, alongside the new 18.8 metre S19N spider lift. Featuring a twin sigma-type riser,

a two section telescopic boom and an articulating jib, the S19N offers an outreach of 8.8 metres and a maximum platform capacity of 230kg. It is also only 780mm wide allowing it to pass through regular single doorways.

ReechCraft: Stand 403
See *The Access Platform Company*

Ruthmann: Stand 401
See *Access Sales International*

Skyaces: Stand 105/6
See *Skyking*

Skyjack: Stand 412
Skyjack will have a wide selection of models on show, but the star of the stand is the all-new 86ft SJ86T telescopic boom lift. Its dual capacity range offers a maximum platform capacity of 341kg and



while it competes exceptionally well against the other products on the market, it incorporates Skyjack's simple reliable technology. Other key products include the SJ12/16 vertical mast lifts, alongside a number of units from its popular DC and RT scissor ranges including the 32ft hybrid SJ6832RTE Rough Terrain scissor lift. Its new range of material handling devices - Accessoryzers -

will also be on display.
Skyking: Stand 105/6
Skyking has expanded the line of access products it distributes, which now includes GSR and Palfinger Platforms truck mounted lifts, Easylift spider lifts and Almac tracked scissor lifts. The company will have no less than 10 machines on its stand with working heights ranging from 7.5 to 90 metres! Key new products to look out for are the 7.5 metre Almac Bibi 850BL tracked scissor lift and Palfinger's 48 metre P480 truck mounted platform. Pay particular



Skyjack's new SJ86T will be making its UK debut



The newly launched CMC S19N spider lift

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attention to this machine's jib and platform rotation capability which has also been incorporated into the manufacturer's new 55 metre P550 truck mount.

Snorkel:

Stand 411

Snorkel will use Vertikal Days to launch its all-new range of electric slab scissor lifts for the European market. Painted in the updated Snorkel livery, the new 19ft S3219E and 32ft S4732E include new heavy duty steel decks, dual side component chests, a new scissor arm and bearing design and several other rental friendly innovations. The show also marks the launch of its enhanced Snorkel UK operation, which has recently expanded its team with three new appointments and additional service vehicles.



An Almac Bibi 630 tracked scissor lift



Making its European debut - Snorkel's S3219E

Socage: Stand 407

See Cumberland Platforms

Speedy Services: Stand 204

Speedy is once again supporting the show by providing all of the power generation equipment and cabling while also supplying and installing all of the perimeter fencing and pedestrian barriers around the showground. As one of the UK's leading providers of rental equipment and other associated services to the construction, infrastructure and industrial sectors it is certainly worth a visit.

Spiderlift: Stand 201

See Ranger Equipment

TCA Lift: Stand 404

TCA Lift will be showing the 33 metre Falcon Spider FS330Z. With a 19 metre outreach and 11 metre up and over height, the tracked spider lift has a double articulating jib and 200kg basket capacity. Track width is variable from 1.1 to 1.5 metres and wireless remote control is standard.

Terex Utilities: Stand 407

See Cumberland Platforms

Teupen: Stand 309

German spider and truck mounted lift manufacturer Teupen will exhibit its latest 24 metre Leo24GT spider lift. Launched at Intermat and big brother to the 21 metre Leo21GT, the new machine offers an outreach of 12 metres and a platform capacity of 250kg. It also features a newly designed modular platform allowing users to replace sections of a damaged platform rather than the whole.



Teupen's new Leo24GT

The Access Platform Company:

Stand 403

The Access Platform Company will exhibit its widest range of low level access equipment to date, including the recently launched five metre Skywinder 300 AT which features large rough terrain tyres and outriggers for outdoor use on challenging terrain. Also on show will be a

range of hand powered lifts including the Quickstep, Powerscissor and Powerlift.

Toucan:

Stand 408/9

See JLG



The new Skywinder 300 AT



Utility Equipment: Stand 101c

As the ATN, France Elévateur and Oil&Steel distributor in the UK and Ireland, Utility Equipment looks like another exhibitor which will have a busy show. New van and chassis mounted platforms from France Elévateur include a 142TPFe with class leading overall length and short rear overhang and the 131F.2 mounted on a 3.5 tonne chassis. New for the UK is the 24 metre 284TBE truck mount on a 3.5 tonne chassis. The company will also have a refurbished scissor lift on show.

Versalift: Stand 208

Time Versalift will launch a number of new platforms at the show as well as a number of improved models. The new 14.3 metre ETM38F joins the ETM van mount range as big brother to the newly improved 13 metre ETM36F which will be unveiled on a 3.5 tonne van chassis. The 24 metre VTX240 is mounted on a 3.5 tonne chassis and the 14.5 metre VT145 mounted on a five tonne van. Finally it will unveil its 13 metre ETL36F on a 3.5 tonne van chassis and a 13.3 metre LAT135H mounted on a 4x4 Isuzu D-Max single cab pick-up chassis. The company also plans to introduce a range of tracked vehicles for the utility market in the near future so don't be surprised to see one or two on the stand. You can also take this chance to meet the new sales team now headed by sales director Andy Bray.

Wumag: Stand 105/6

See Skyking (Palfinger Platforms)

Xtreme: Stand 411

See Snorkel

Youngman: Stand 306/7

See IAPS



Versalift plans to introduce a range of tracked vehicles in the near future.

Cranes and Lifting

AGD Equipment: Stand 501/2

The UK and Ireland distributor for Marchetti and Sennebogen cranes, AGD will feature the new 50 tonne Sennebogen 653E telescopic crawler crane on the stand, as well as a 60 tonne Marchetti MTK60 truck mounted crane which will be making its UK debut. In addition to its sales operation, AGD runs one of the largest crawler crane rental fleets in the country.



The Marchetti MTK60 truck mounted crane which will be making its UK debut.

Artic Crane: Stand 108

See City Lifting

Autoguide Equipment: Stand 300

Autoguide Equipment will exhibit its Terrain Master TC600 pole erecting



The Terrain Master TC600 configured as a pole erection unit



Crowland Cranes will exhibit a range of crane outrigger racks and Power-Pads

unit fitted with an Autoguide 40,000PXV variable speed auger and a new loader crane mounted pole grab. The tracked TC600 has been specifically designed to carry either a nine metre/tonne loader crane, or a 20 metre aerial work platform. The company will also show a range of specialised equipment for the utility market.

Böcker: Stand 103/4

See Kranlyft

Broderson: Stand 612/13

See Tadano UK

Cautrac: Stand 504b

Located in Colchester and Bolton, Cautrac will highlight the advantages of rubber tracks with a Morooka crawler carrier equipped with a PM loader crane. Fitted with a pole carrier, a front mounted winch and a blade system the Morooka utilities support unit offers exceptionally low ground pressure, ideal for boggy or challenging areas.

City Lifting: Stand 108

Comansa flat top tower crane dealer City Lifting will have an eight tonne Comansa 11LC 160 tower crane on show. With a maximum jib length of 65 metres, the crane has a compact slewing platform design, a new trolley system and a semi-automatic trolley cable tensioning system. The company also represents Artic Cranes and its Raptor articulated jib tower cranes, while running an extensive crane rental fleet of fixed and mobile tower cranes and a range of All Terrains.

Cormidi: Stand 312

See GGR

Crowland Cranes: Stand 603

Crowland Cranes, which now sells and services Grove cranes, will exhibit a 40 tonne Grove RT540E Rough Terrain crane and a 20 tonne Yard Boss YB5520-1 industrial crane. The company has a range of other products on display including its Power-Pads outrigger mats and outrigger racks, while highlighting its range of repair and refurbishment services.

Galizia: Stand 312

See GGR

GGR: Stand 312

This year GGR will have a larger display with a number of its Unic spider cranes, including its 10 tonne URW-1006. It will also launch a range of auxiliary products which it hopes will increase the possible applications for spider cranes still further. Other products represented include Cormidi spider cranes and platforms, Galizia industrial cranes, Paus aluminium cranes and Giraf Track cranes and telehandlers. The company is also hinting at one or two other surprises which



Be sure to visit the GGR stand for one or two surprise models...



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part of the Hird group of companies



might include its recently launched hydraulic luffing jib designed for its Unic spider cranes.

Giraf Track: Stand 312

See GGR

Grove: Stand 604/5

See Manitowoc

Hird: Stand 211

Valla Crane and Winlet distributor Hird will have two new Valla pick&carry cranes on its stand this year, with the 12 tonne 120ES and 18 tonne 180ES. Both cranes feature a newly designed five section fully hydraulic boom and a hydraulic jib that luffs to 40 degrees. The cabs have also been modernised and include load systems from 3B6 - another brand it represents. Also expect to see a Winlet glass handling robot.



Hird's Valla 180ES pick&carry crane

Hitachi-Sumitomo: Stand 506

See NRC

Hoeflon: Stand 213

See John Taylor Crane Services

Hook-Up Solutions: Stand 207

Hook-Up will show the production version of its 1.5 tonne Hooka pick&carry crane designed to move bulk building materials. Mounted on a Hinowa tracked chassis and powered by a Honda engine, the ride-along pick&carry can lift loads up to 1.5 tonnes, or one tonne pallets/bags of loose material to a height of 2.65 metres. Weighing 1.25 tonnes it only measures one metre wide.



Hook-Up Solutions' recently launched Hooka pick&carry crane

Jekko: Stand 504

Italian mini crane and spider lift manufacturer Jekko will showcase its 2.7 tonne SPX527 and 1.2 tonne SPX312 spider cranes alongside its two tonne MPK20 pick&carry crane. It will also have a number of its vacuum lifters on show.

John Taylor Crane Services:

Stand 213

As Hoeflon's UK agent, JT Cranes will highlight the new 1.5 tonne C6 compact spider crane. It will once again demonstrate its novel 1.5 tonne D12 tracked carrier as well as launch the D40. Big brother to the D12, the D40 can carry loads up to four tonnes.



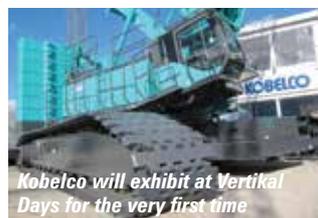
JT Cranes' 1.5 tonne D12 tracked carrier at last year's show

Kato: Stand 103/4

See Kranlyft

Kobelco: Stand 513

Exhibiting at Vertikal Days for the very first time Kobelco Cranes will have a 135 tonne CKE1350G crawler crane on the stand. Offering a maximum combination of 61 metre main boom and 30 metre jib, the G-Series model is fitted with a Stage IIIB (Tier 4i) engine and an auto idle/stop system which the company claims reduces fuel consumption by up to 25 percent.



Kobelco will exhibit at Vertikal Days for the very first time



The Maeda MK1033CW-1 spider crane

Kranlyft: Stand 103/4

European master distributor for Maeda spider and mini cranes, Kranlyft will show the new MK1033CW-1 articulated boom spider crane. Featuring a three section main boom plus a three section articulated jib, the MK1033CW-1 has a maximum lift height of 11.3 metres and working radius of just under 10 metres. The company will also have a range of Böcker aluminium boom truck mounted cranes on show with lifting capabilities of between 800 and 6,000kg.

Liebherr: Stand 606/7

Liebherr will have an impressive range of mobile cranes at the show including the first UK appearance of the five axle 160 tonne LTM 1160-5.2. Also on display will be the six axle 350 tonne LTM 1350, 300 tonne LTM 1300, the 90 tonne LTM 1090, 60 tonne LTM 1060 and the unique 45 tonne LTC 1045 city type All Terrain crane. Completing the line-up will be the 60 tonne LTR 1060 telescopic crawler crane. Visitors will also be able to see demonstrations of the company's Variobase outrigger set-up system as well as a range of its model cranes in the Entrance Marquee.



Vertikal Days will be the first UK showing of Liebherr's new LTM-1160 5.2

Link-Belt: Stand 506

See NRC

Maeda: Stand 103/4

See Kranlyft

Manitex: Stand 101b

See PM Group

Manitowoc: Stand 604/5

The Manitowoc Crane group will exhibit several models from its Grove mobile crane line including

three and five axle GMK All Terrains featuring the new CCS control system with the production version of its Crane Star tracking and remote management system. The Potain tower crane line will be represented by the IGO M14 self-erecting crane, featuring integrated 80km/h fast-tow equipment, built-in generator and counterweight which the company says finally offers a single package tower crane product for easy transportation, erection and use on small sites.

Marchetti: Stand 501/2

See AGD

Morooka: Stand 504b

See Cautrac



NMT will probably have the largest crane on show with its new 700 tonne Terex AC 700

NMT: Stand 511/12

UK crane rental company NMT will show one of the largest cranes on site with its new 700 tonne Terex AC 700 All Terrain crane, complete with the crane's escort vehicle and a new 150 tonne DAF tractor unit and five axle TSR ballast trailer. Alongside will be the company's second Terex Challenger 3180 All Terrain crane.

NRC: Stand 135A

UK Link-Belt and Hitachi crane distributor is going 'green' this year with its all new Tier IV final Hitachi-Sumitomo SCX800A-3. It will also exhibit a Tier IV Link-Belt TCC1100, along with a 50 tonne Linkbelt TCC500, which is making its European debut. To celebrate its green credentials the company has also redesigned its logo.

NRC will be showcase the new Hitachi-Sumitomo SCX800A-3



NRC

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CRANE HIRE & SALES



On display... **NEW HITACHI SUMITOMO SCX800A-3**
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Vertikal days

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Link-Belt TCC1100 & Link-Belt TCC500

For further information:

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Stand MP8



Wednesday 13th May 2015

Times	Meetings, Seminars & Workshops	Location
All day	inspHire - Customer 1-2-1s	Newton Stand - Café
10.00 start	CPA Strategic Forum Plant Safety Group 'Outreach Meeting'	Haydock Park - Jubilee Suite (ground floor)
10.30 - 14.30	IPAF - Manufacturers Technical Committee Update Meeting & FEM MEWP Product Group Meeting	Leverhulme Room 3
14.30 - 17.30	IPAF - CAP Meeting	Davies Room 2

Thursday 14th May 2015

Times	Meetings, Seminars & Workshops	Location
All day	inspHire - Customer 1-2-1s	Newton Stand - Café
10.00 - 12.00	IPAF - Rental Plus Meeting	Whittle Suite

Exhibitor and brand listing

Exhibitors/brands

Access Industries	Stand 107
Access Sales International	Stand 401
Aerial and Handling Services	Stand 212
Affordable Access	Stand 101a
AGD Equipment	Stand 501/2
Ainscough Training Services	MP15
Airo	Stand 212
Air-Seal Products	MP34
AJ Access Platforms	Stand 203
Alfa Access Services	MP22
Almac	Stand 105/6
AltumaMats	Stand 503
Amber Valley	Stand 614
Andover Trailers	Stand 601
APS	Stand 306/7
Artic Crane	Stand 108
Ascendant Access	Stand 102
ATN	Stand 310
Autoguide Equipment	Stand 300
Avant Tecno	Stand 410
Big Astor	Stand 510a
Bizzocchi	Stand 303
Böcker	Stand 103/4
Broderson	Stand 612/13
Bronto Skylift	Stand 100
Carl Stahl Evita	MP17
Cautrac	Stand 504b
CEAsia Project Logistics	MP3
CGS Tyres	Stand 505
City Lifting	Stand 108
CM Labs Simulations	MP31/33
CMC	Stand 201
Co.Me.t	Stand 101a
Continental Tyres	Stand 505
Cormidi	Stand 312
CPA	Stand 508
Cranesafe	MP27
Crowland Cranes	Stand 603
Crown Batteries	MP25
CTE UK	Stand 303
Cumberland Platforms	Stand 407
Custom Equipment	Stand 403b
De Lage Landen Leasing	MP20
Dingli	Stand 101d
Dinolift	Stand 411a
Double Coin Tyres	Stand 206
Easylift	Stand 105/6
elebia	MP6
Facelift	Stand 102
Falcon	Stand 404
Faraone	Stand 308
Faresin	Stand 101d
Five Arrow Business Finance	MP39
France Elévateur	Stand 101c
Galizia	Stand 312
Gehl	Stand 205
Genie	Stand 608
Genius	Stand 510a
GGR	Stand 312
Giraf Track	Stand 312
Glasboy	Stand 312
Goldhofer	Stand 601
Ground-Guards	Stand 503
Grove	Stand 604/5
GSR	Stand 105/6
HEMS	Entrance Marquee
Higher Concept Software	MP8
Hinowa UK	Stand 305
Hird	Stand 211
Hitachi-Sumitomo	Stand 506
Hoeflon	Stand 213
Holland Lift	Stand 203
Hook-Up Solutions	Stand 207
HY-Brid Access Platforms	Stand 403b
IAPS Group	Stand 306/7
Imer	Stand 407
inspHire	MP28
Interpump Hydraulics UK	MP2
IP Forktrucks	
IPAF	Stand 101f
IPS	Stand 306/7
Isoli	Stand 306/7
Iteco	Stand 407
James Troop & Co	MP26
JCB	Stand 406
Jekko	Stand 504
JLG	Stand 408/9
John Taylor Crane Services	Stand 213
KAM Trading	Stand 101d
Kato	Stand 103/4
KFS Special Vehicles	Stand 600
King Trailers	Stand 105/6
Kirkby Tyres	Stand 206
Kobelco	Stand 513
Kranlyft	Stand 103/4
LEEA	MP12
Leguan	Stand 410
Liebherr Training Services	MP29
Liebherr	Stand 606/7

Lifting Gear UK	Stand 611
Liftlux	Stand 408/9
Link-Belt	Stand 506
Load Systems UK	Stand 509b
Maeda	Stand 103/4
Magna Tyres	Stand 507
Magnetek	MP11
Manbat	MP32
Manitex	Stand 101b
Manitou	Stand 205
Manitowoc	Stand 604/5
Manotti	Stand 101d
Marchetti	Stand 501/2
MarketBook	MP30
MEC	Stand 202
Mentor Training	MP10
Michelin Tyres	Stand 210
Millennium Personnel Services	MP37
Mitas Tyres	Stand 505
Morooka	Stand 504b
Multitel Pagliero	Stand 107
My Future My Choice	Newton Stand
Myerscough College	MP38
Nationwide Platforms	Stand 400
Niftylift	Stand 301/2
NMT	Stand 511/12
Nolim	Stand 510
Nooteboom	Stand 101e
NRC	Stand 135A
Oadby Plastics	MP23/4
Oil&Steel	Stand 101b
Ommelift	Stand 306/7
Orlaco	Stand MP27
Ormig	Stand 603
OTR Wheel Engineering	MP13/4
Palfinger Platforms	Stand 105/6
Paus	Stand 312
Platform Basket	Stand 209
Platinum Batteries	MP5
PM Group	Stand 101b
Pop-Up Products	Stand 411
Potain	Stand 604/5
Power Jacks	MP7
Power Scissor	Stand 403
Power Towers	Stand 304
Power-Pads	Stand 603
Probst Handling Equipment	Stand 200
Promax Access	Stand 209
PSR	Stand 306/7
QWheels	Stand MP19
Ranger Equipment	Stand 201
Rayco-Wylie Systems	MP10a
Red Plant	Stand MP6
ReechCraft	Stand 403
Reedyk Compact Cranes	Stand 209
Ritchie Bros Auctioneers	Stand MP1
Ruthmann	Stand 401
Safetyliftinggear	Stand 509a
Sanctuary Zone	Stand 212
Sennebogen	Stand 501/2
Shawtrack Services	Stand 402
Shield Batteries	Stand MP25
Skyaces	Stand 105/6
Skyjack	Stand 412
Skyking	Stand 105/6
Snorkel	Stand 411
Socage	Stand 407
Society of Operations Engineers	MP4
Solum Europe	MP35
Speedy Services	Stand 204
Speedy Training	MP18
Spiderlift	Stand 201
Spierings	Stand 602
Sumner Lift	Stand 311
Syrinx	Stand MP8
Tadano UK	Stand 612/3
TCA Lift	Stand 404
Tecnomagnet	MP17
Terex Cranes	Stand 609/10
Terex Utilities	Stand 407
Teupen	Stand 309
The Access Platform Company	Stand 403a
The Lighthouse Club	
The Tackle Store	Stand 509a
Timbermat	Stand 413
TMC Lifting Supplies	Stand 603
Top Service	Stand MP16
Toucan	Stand 408/9
Trackunit	Stand MP9
Trelleborg	Stand 206
Trojan Battery	MP5
TVH UK	Stand 134
Unic	Stand 312
UniMat	Stand 500
Universal Crane Mats	Stand 500
US Battery	MP32
Utility Equipment	Stand 101c
Valla	Stand 211
Versalift	Stand 208
Vertikal Press	Marketplace
Wienold	Stand 306/7
Winlet	Stand 211
Wumag	Stand 105/6
Xtreme	Stand 411
Youngman	Stand 306/7
Zoomlion	Stand 603

Vertikal days



Lunch
12.30-14.30

RACE COURSE

MARKETPLACE

- Ainscough Training
- Air-Seal Products
- Alfa Access Services
- Bronto Skylift (simulator)
- Carl Stahl Evita
- CEAsia Project Logistics
- CM Labs Simulations
- Cranesafe
- De Lage Landen Leasing
- Five Arrows Business Finance
- Higher Concept Software
- inspire
- Interpump Hydraulics UK
- James Troop & Co
- Liebherr Training
- LEEA
- Magnetek
- Manbat
- MarketBook
- Mentor Training
- Millennium Personnel Services
- Myerscough College
- Oadby Plastics
- OTR Wheel Engineering
- Platinum Batteries
- Power Jacks
- QWheels
- Rayco-Wylie Systems
- Red Plant
- Ritchie Bros
- Shield Batteries
- Society of Operations Engineers
- Solum Europe
- Speedy Training
- Top Service
- Trackunit

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KEY

- ACCESS
- CRANES
- TELEHANDLERS
- COMPONENTS/ELECTRONICS/OTHER

Bronto 100

Affordable Access 101a

PM Group 101b

Utility Equipment 101c

KAM Trading Faresin/Dingli/Manotti 101d

Nooteboom 101e

IPAF 101f

Ascendant Access 102

Kranlyft 103-104

Skyking 105-106

Multitel 107

Ranger 201

MEC 202

AJ Access 203

Speedy 204

Manitou 205

Kirkby Tyres 206

Hook-Up Solutions 207

Versalift 208

Niftylift 301-302

CTE 303

Power Towers 304

Hinowa 305

IAPS Group 306-307

IMA spa 308

Promax 209

Michelin Tyre 210

Hird 211

Aerial Lift & Handling 212

Teupen 309

ATN 310

Summer Lift 311

GGR 312

Access Sales Int. 401

Shawtrack 402

Access Platform Co. 403

HY-Brid Access 403a

TCA Lifts 404

TVH 405

JCB 406

AGD Equipment 501-502

Ground-Guards 503

Jekko 504

Cautrac 504a

Mitas 505

NRC 506

Cumberland Platforms 407

JLG 408-409

Avant Tecno 410

Snorkel 411

Dinolift 411a

Skyjack 412

Magna Tyres 507

CPA 508

Safetylifting 509a

LSI 509b

Big Astor 510a

Nolim 510b

NMT 511-512

Demo Area

Andover Trailers 601

Spierings 602

Crowland Cranes 603

Manitowoc 604-605

Liebherr Demo Area

Liebherr 606-607

Genie 608

Terex 609-610

Lifting Gear UK 611

Tadano Faun 612-613

MARKETPLACE

City Lifting 108

JT Cranes 213

TOILET

Timbermat 413

Kobelco 513

ENTRANCE

CAR PARK



Other Exhibitors – Service, Safety, Training Electronics & Components etc...

This year the event has more providers of ancillary products and services than ever before, many of them located in the expanded Marketplace. While visiting the stands of equipment manufacturers is of course highly important, do not miss the opportunity to check out the wide range of tyre, outrigger mats, temporary roadways, software, training, and safety equipment suppliers. This might mean a second day at the show or bringing along a colleague to make sure that you do not miss out on making a contact that could significantly help your business.

Ormig: Stand 603
See Crowland Cranes

Paus: Stand 312
See GGR

PM Group: Stand 101b

The PM Group is now part of Manitex, which includes PM loader cranes, Oil&Steel truck and spider mounted lifts, Valla, Ferraris port equipment and Load King heavy duty fork trucks. On the stand will be a new DAF CF510 FAX super space 8x2 truck fitted with the new PM53025 Platinum Crane with 13.8 metres outreach lifting 3,070kg. Alongside you will find a PM65026



PM's PM53025 Platinum Crane mounted on a new DAF CF510 FAX 8x2 chassis

with a maximum outreach of 15.30 metres and lift capacity of 3,270kg.

Potain: Stand 604/5
See Manitowoc

Reedyk Compact Cranes:
Stand 209
See Promax

Sennebogen: Stand 501/2
See AGD

Spierings: Stand 602

Spierings will feature two self-erecting mobile tower cranes this year - its five axle SK599-AT5, which can lift 1,900kg to a radius of 50 metres at a maximum height of 56.3 metres as well as its six axle SK1265-AT6. Fitted with a Euro 6/ Tier IV engine, the SK1265 can lift 1,700kg to a radius of 60 metres



Spierings will have two self-erecting mobile tower cranes on its stand this year

at a maximum hook height of 64.2 metres.

Tadano UK: Stand 612/3

Tadano will have five models from its ATF All Terrain crane range on its stand which currently has lifting capacities ranging from 40 to 400 tonnes. Two new cranes making their worldwide exhibition debut are the 70 tonne four axle ATF 70G-4 and the 100 tonne four axle ATF100G-4 which is powered by a Euromot 4 engine. You might also ask the company for more details on its new flagship ATF crane, which will be unveiled next month.

Terex Cranes: Stand 609/10

Terex will show its 220 tonne five axle Explorer 5800 All Terrain crane, which it claims is the strongest and most compact All Terrain crane in its class. Joining it this year will be a six axle 350 tonne AC350-6, a 100 tonne four axle AC100/4L and a 60 tonne three axle Challenger 3180. Staff will also be on hand to discuss the company's service, support and finance offerings.

Unic: Stand 312
See GGR

Valla: Stand 211
See Hird

Zoomlion: Stand 603
See Crowland Cranes



A 220 tonne Terex Explorer 5800



Ainscough Training Services provides a range of training for lifting operations



Tadano's 70 tonne ATF 70G-4 All Terrain crane

Air-Seal Products: MP34

Air-Seal's range of tyre sealants can prevent up to 95 percent of all punctures up to 30mm and claims to stop all rim, bead and other slow air leaks. Suitable for a wide range of equipment including cranes and telehandlers, a single treatment can cost less than one tyre repair and reportedly lasts the legal life of the tyre.

Alfa Access Services: MP22

Established in 2009, Alfa Access Services specialises in the repair, service, training and LOLER inspection of aerial work platforms as well as bespoke installations. It is also the UK service partner for Teupen providing original spare parts, training and technical backup.



Alfa's fully-equipped vans allow it to provide its services throughout in the UK.

AlturnaMats: Stand 503

See *Ground-Guards*

Amber Valley: Stand 614

Vehicle safety equipment manufacturer Amber Valley will have a range of new devices on show including secondary guarding warning alarms, the GreenEyes seatbelt monitoring system and its own Blue Alarmlight and Overloader Alarmlight systems. It will also have a range of newly designed LED striplights which are available in varying sizes.

Andover Trailers: Stand 601

Andover Trailers provides bespoke transport solutions for the access, lifting and construction equipment industries. As such, it will be exhibiting its latest rigid plant body and sloping semi-trailer range along with a range of safety and securing equipment. As the UK distributor for Goldhofer Trailers it will also exhibit an extending four axle, power-steered step-frame trailer.



An 18 tonne access body from Andover Trailers

Bronto Skylift (simulator):

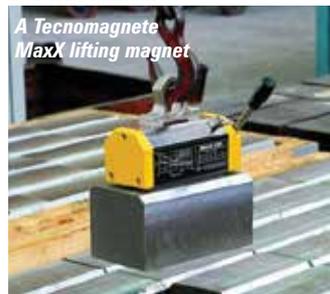
MP36

Bronto can also be found in the Marketplace this year where it

will be launching its 'Office in the Sky' simulator challenge. Scheduled to tour the UK following the show, all operators are welcome to enter the competition, with the winner being awarded a trip to Bronto's production facility in Tampere, Finland.

Carl Stahl Evita: MP17

UK lifting and hoisting equipment specialist Carl Stahl Evita will display the latest permanent lifting magnets from Tecnomagnete which have lifting capacities of between 125kg and two tonnes.



A Tecnomagnete MaxX lifting magnet

CEAsia Project Logistics:

MP3

CEA offers a range of transportation, shipping and project logistics services throughout Southeast Asia. It also has a range of six CEA Surelift modular spreader beams which have lifting capacities from 50 to 400 tonnes.

CGS Tyres: Stand 505

See *Mitas Tyres*

CM Labs Simulations: MP31/33

Making its show debut, virtual simulation specialist CM Labs will have two highly sophisticated training simulators set up in the Marketplace. The first is designed for training on crane and heavy equipment and features five display screens, a motion platform and real machine controls and joysticks. The second is its desktop-sized Vortex Trainer crane and heavy equipment simulator which typically comes with one HD flat panel display, a touch screen for the equipment LMI and controls, and joysticks.



CM Labs will have two training simulators providing virtual crane, tower crane and excavator training

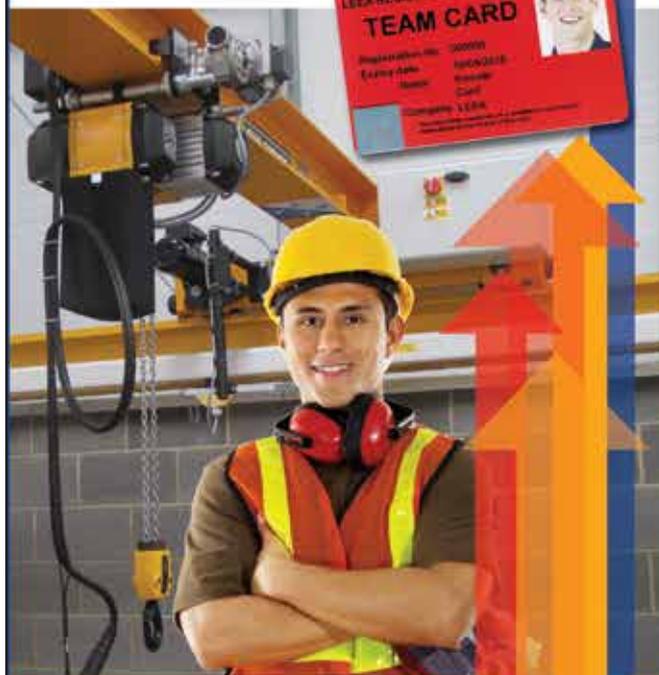


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LEEAA – Lifting Standards Worldwide™



Continental Tyres: Stand 505

See *Mitas Tyres*

CPA: Stand 508

The Construction Plant-hire Association helps members with issues including employee health and safety, machinery standards and emission control, skills and employment. It will also hold its Strategic Forum Plant Safety Group Outreach Meeting on the first day to discuss operator competence, medical fitness, the public health responsibility deal, telehandlers and suspended loads, and the recently published guidance on ground conditions.

Cranesafe: MP27

Tower crane anti-collision specialist Cranesafe - part of the SMIE group - will display a range of anemometers, wind speed alarms and Orloco hook-view/winch-view crane cameras. The company will also demonstrate the latest version of its ProSite crane management system which now incorporates a 3D aspect.

Crown Batteries: MP25

See *Shield Batteries*

De Lage Landen Leasing: MP20

International asset finance provider De Lage Landen will have specialists on hand to discuss tailored financial solutions for equipment manufacturers, dealers and distributors as well as special solutions for rental companies.

Double Coin Tyres: Stand 206

See *Kirkby Tyres*

elebia: MP6

See *Red Plant*

Five Arrows Business Finance:

MP39

Asset based finance and invoice solutions company Five Arrows Business Finance (FABF) - part of the Rothschild Group - provides short-term financing to complete funding packages for the entire spectrum of public and private limited companies, partnerships and

sole traders. As well as providing finance for the purchase of new assets or refinancing assets to generate additional cash flow it offers commercial finance solutions for mergers and acquisitions, MBOs and Management Buy Ins (MBIs) for mid-market to larger businesses.

Glasboy: Stand 312

See *GGR*

Goldhofer: Stand 601

See *Andover Trailers*

Ground-Guards: Stand 503

Ground-Guards will use Vertikal Days to launch its MaxiTrack temporary roadway system on the UK market. This latest addition to its range of plastic ground protection systems combines extra heavy duty strength, with a special lightweight design that enables them to be easily handled. Weighing just 1kg more than its standard Ground-Guards, the company claims the MaxiTrack are twice as thick and three times as rigid. The company is also supporting the event by providing all of the ground mats for the show.

HEMS: Entrance Marquee

Heavy Equipment Model Show (HEMS) will have a collection of miniature crane, heavy haulage and construction equipment models on display in the Entrance Marquee and will be promoting its show, which is being held in Blackburn on 26th October.

Higher Concept Software: MP8

Rental management software producer Higher Concept will showcase its Syrinx technology and its latest features which include PDA access, Android driver app, Bi-Dashboard, customer extranet and its innovative field sales tablet applications. It will also offer complimentary one-to-one training sessions for Syrinx customers attending the show.

inspHire: MP28

inspHire will demonstrate its rental software solutions, including the

enhancements to its inspHire Mobile which allows users to add parts, capture engineers signatures, record the time a job was completed, add labour costs and notes to workshop jobs directly from an Android device as well as complete LOLER examinations. Be sure to visit the stand for a free tailored demonstration on its hire software and mobile solutions.

Interpump Hydraulics UK: MP2

Making its Vertikal Days debut, Interpump Hydraulics UK offers a wide range of hydraulic and mechanical components, including power take-offs, hydraulic pumps, directional control valves, split shafts and power packs. The company also supports a range of Interpump Hydraulics brands including Hydrocar, Muncie, Galtech, Hydroven, Panni and IMM.

IPAF: Stand 101f

IPAF's focus this year will be on its new eLearning courses. Visit the stand to learn more about the course and the benefits of remote eLearning for both operators and managers. The federation will also be demonstrating the new practical test from the IPAF Operator course.

IPS: Stand 306/7

See *IAPS*

James Troop & Co: MP26

Based in Runcorn, UK, James Troop is a family-run company that specialises in diesel engines, supplying new engines, parts, servicing and repairs for a wide range of market sectors. Its franchises include Deutz, Volvo Penta, MTU and MAN.

KFS Special Vehicles: Stand 600

Low loader vehicle specialist KFS will exhibit its latest Plant & Go transporter aimed at construction equipment rental companies. Mounted to a 3.5 tonne van chassis, the Plant & Go removes the need for a trailer and provides a low floor height of 530mm, ribbed aluminium floor for grip and two metre aluminium ramps as standard. Drop sides and a full tail gate are also available.



The latest KFS Plant & Go transporter

King Trailers: Stand 105/6

Sister company to Skyking, King Trailers offers a wide range of specialist equipment, general plant trailers and truck bodies to standard

or custom build specifications.

Kirkby Tyres: Stand 206

The UK distributor for Alliance, BKT, Double Coin, Longmarch, Malhotra, Sailun and Trelleborg, Kirkby Tyres is one of the UK and Ireland's leading suppliers of tyres and wheels. The company also offers bespoke wheel manufacturing solutions and off-the-shelf factory finished wheels.

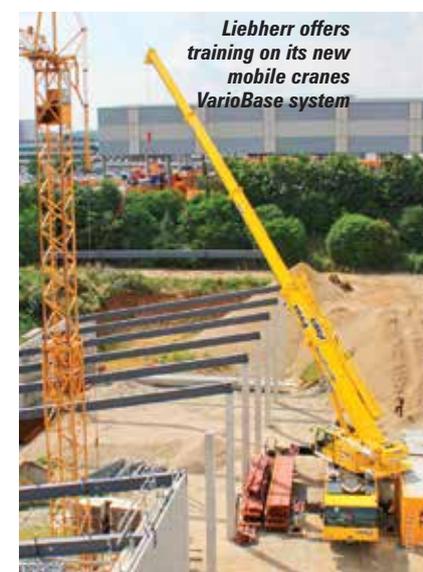
LEEA: MP12

The UK-based Lifting Equipment Engineers Association (LEEA) is seeing the continued geographic spread and distribution of its authoritative Code of Practice for the Safe Use of Lifting Equipment (COPSULE) and range of training courses, delivered by its member companies. It will highlight these along with the latest edition of its User's Pocket Guide and 'TEAM card' registration scheme for qualified technicians.

Liebherr Training Services:

MP29

Liebherr's UK training division offers qualifications, assessments and training for a wide range of skills, including appointed person, crane supervisor, slinger & signaller, crane operator, aerial work platforms, LICCON planner, the influence of wind on lifting operations and NVQs in relevant disciplines. It also offers training on Liebherr's new mobile crane VarioBase system.



Liebherr offers training on its new mobile cranes VarioBase system

Lifting Gear UK: Stand 611

Lifting and handling rigging equipment specialist Lifting Gear UK provides a wide range of heavy lifting equipment for hire or sale as well as providing LOLER inspections and certification services. The company also has a lifting projects division which specialises in contract lift work and heavy lifting equipment.

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Load Systems UK: Stand 509b

The latest products from the UK division of Load Systems International includes its range of wireless under hook load cells which can be used with the load cell communicator software to provide real time readings from a PC. Also on display will be the company's RCI-8510 rated capacity limiter and crane control which is ideal for both original equipment manufacturers and easy retrofitting.



Load Systems' RCI-8510 manages all aspects of the crane and has an extensive load chart memory.

Magna Tyres: Stand 507

Another company making its Vertikal Days debut, Magna Tyres will promote its specially developed crane tyre - the Magna MA03. Available in 385/95R24, 385/95R25, 445/95R25 and 525/80R25 tyre sizes, Terex has been using the MA03 tyre on its All Terrain cranes since 2010.



Magna tyres being used on a Terex All Terrain crane

Magnetek: MP11

Magnetek will exhibit its full line of wireless controls for lifting equipment including its Flex Pro proportional control transmitter and its new line of 'mini' wireless controls.



Magnetek's new mini-PGT transmitter.

Manbat: MP32

Battery distributor Manbat will launch US Battery's XC2 range of six-volt and 12-volt batteries to the UK market. Specifically designed for deep cycle applications such as aerial lifts, the new range incorporates synthetic tetrabasic lead sulphate (TTBLS) into the production of its plates and benefits from a uniformly fine crystal plate structure, which the company



Manbat will launch US Battery's XC2 range of batteries to the UK market.

claims delivers enhanced battery performance, better charging capacity and more durable characteristics.

MarketBook: MP30

MarketBook is the online destination for truck, farm and heavy equipment buyers and sellers. Stop by the stand to preview its website and pick up a free publication!

Mentor Training: MP10

As one of the UK's leading training providers Mentor Training delivers IPAF, PASMA and ALLMI accredited courses, either from its centres or from customers/delegates own premises. Visit the stand to discover the benefits of onsite accredited operator training courses.

Michelin Tyres: Stand 210

Michelin will show its range of crane tyres, including its X Crane+ 525/80 R 25 and X Crane+ 445/95 R 25 tyres.

Millennium Personnel Services: MP37

MPS is one of the largest crane

operator and lifting personnel recruitment specialists in the UK. With a database of more than 8,000 crane operators, it finds jobs for hundreds of its operators every week.

Mitas Tyres: Stand 505

Mitas Tyres is the sole manufacturer of Mitas, Continental and Cultor branded tyres. Visit the stand to find out more on the Mitas CR-01 All Terrain crane tyre which it says provides high speed capabilities of up to 85km/h, excellent traction and grip as well as restricting tread movement/shuffle. The tread is also regrooveable, offering extended tyre life and lower costs.

Myerscough College: MP38

Myerscough has a specialist engineering department that runs dedicated courses for crane, access and general plant service engineers.

My Future My Choice:

Newton Stand

My Future My Choice works with school children to show them the possibilities of a career in engineering. Sponsored this year by Liebherr, it will set up in the Newton Stand organising several workshops for local school children in order to help ignite an interest at an early age. As part the workshop it will take the children on a guided tour of the show exploring the principles of pneumatics, hydraulics, gears and pulleys. Keep an eye out for what might be the future of crane, access and telehandler people!

Nolim: Stand 510

Founded in 2007 Nolim provides a wide range of outrigger pads and mats made from a lightweight and high-quality plastic - HMPE-500R (High Molecular Poly Ethylene) - which are suitable for cranes and aerial lifts. It also offers several methods of stowing outrigger pads which can be bolted to a vehicle chassis.



As well as offering outrigger pads and mats Nolim also offers stainless steel holsters



Nootboom's three axle exMCOS-48-03(EB) step frame trailer.

Nootboom: Stand 101e

Dutch transport trailer manufacturer Nootboom will exhibit its three axle exMCOS-48-03(EB) power-steered step frame trailer. Its many features include a hydraulic raising platform, manual override steering and flip-toe hydraulic rear loading ramps.

Oadby Plastics: MP23/4

Oadby Plastics will introduce its new range of Crane Pads and mats, cable sheaves and track plates. The company also offers one of the largest plastic machining facilities dedicated to bespoke CNC routing, milling turning and fabrication.



Oadby will introduce its new range of Crane Pads.



Orlaco: Stand MP27

You can see the latest from the boom nose camera manufacturer on the Cranesafe stand.

OTR Wheel Engineering:

MP13/4

OTR Wheel Engineering designs, manufactures and supplies a wide range of wheels and tyres for all kinds of industrial and construction machinery. The company also has a service exchange programme for replacement wheels, tyres and fill.



Platinum Batteries is the UK distributor for Trojan Battery

Platinum Batteries: MP5

Platinum Batteries is the exclusive master distributor for Trojan Battery in the UK. Its services include next day nationwide delivery, guaranteed availability, no minimum order quantity or delivery charges and full technical support and field sales support.

Power Jacks: MP7

British electro-mechanical lifting positioning and load monitoring solutions manufacturer Power



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working in the construction or off-shore sectors including overload systems and load monitoring indicators.

Red Plant: Stand MP6

Red Plant will once again set up in the Marketplace with its range of elesia automatic crane hooks, allowing operators to remotely attach and release a load without needing to handle rigging to release or connect the load or climb onto a truck bed. The hook is available in three sizes capable of lifting five, 10 or 20 tonnes and recently the company had been working on incorporating load scales into the hooks.

Ritchie Bros Auctioneers:

Stand MP1

Last year Ritchie Bros sold more than \$4.2 billion worth of equipment at 349 auctions throughout the world. Its next UK auction is scheduled for July 14th from its site in Donington Park. Anyone looking to buy or sell equipment should definitely stop by and have a chat.

Safetyliftinggear: Stand 509a

Safetyliftinggear provides an extensive range of lifting, fall protection, material handling and

Jacks will showcase its latest load cells, load pin shackles and winch monitoring systems.

Power Jacks will showcase its latest load cells, load pin shackles and winch monitoring systems



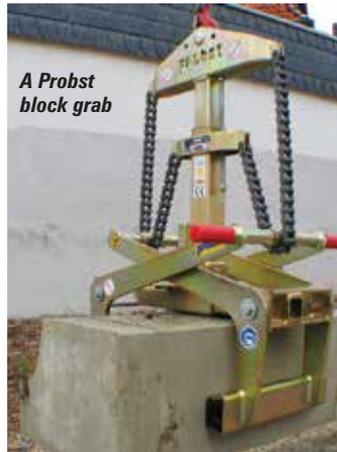
Power-Pads: Stand 603

See Crowland Cranes

Probst Handling Equipment:

Stand 200

Probst has been a supplier of



A Probst block grab

materials handling equipment within the UK for 30 years. On its stand this year will be a range of both vacuum and mechanical kerb lifters which eliminate bad manual handling practices while helping contractors work to the latest health and safety regulations.

PSR: Stand 306/7

See IAPS

QWheels: Stand MP19

QW Wheels for Lifting and Access, a division of UK-based wheel manufacturer QWheels, offers a wheel refurbishment programme for old wheels which recovers them in new polyurethane. Able to provide a number of different tread patterns, the centre of the wheels can also be painted in a choice of colours and styles.

Rayco-Wylie Systems: MP10a

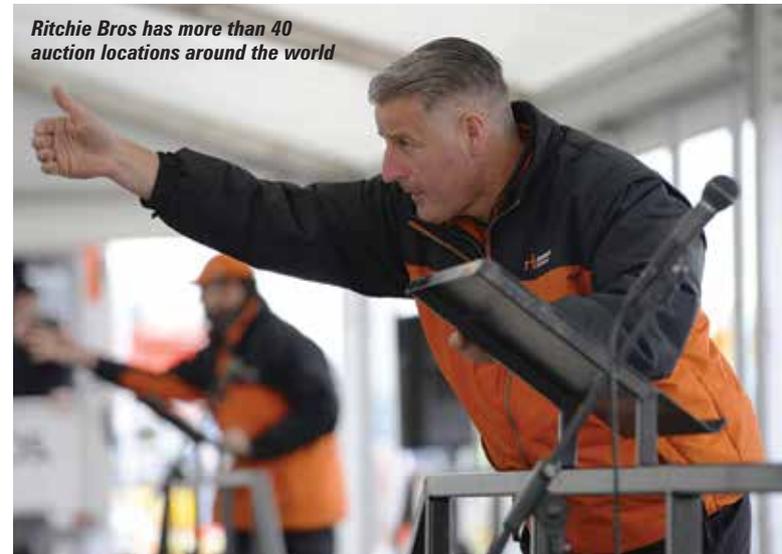
Safety systems and sensors manufacturer Rayco-Wylie provides solutions for all types of cranes

Safetyliftinggear will have a number of new products including a battery powered electric chain hoist.



A selection of QW's refurbished polyurethane coated wheels

Ritchie Bros has more than 40 auction locations around the world





Niftylift will be out in force

load restraint products as well as full after sales service including inspection, testing and repair. As well as offering its G-Force, LiftinGear, Strap-on and Loadsurfer brands, the company is also the master distributor for Elephant hoists, Force Chain, Boscaro Site Handling and Lifting Equipment.

Sanctuary Zone: Stand 212

See Aerial and Handling Services

Shawtrack Services: Stand 402

UK custom truck bed manufacturer Shawtrack will exhibit its latest type approved, beavertail body designs, mounted on both 7.5 and 26 tonne chassis. In the past couple of years, the company has gone through a number of changes, selling its rental fleet and completely changing its management team - so definitely worth a visit to find out what the company is up to.

Shield Batteries: Stand MP25

Shield Batteries is the UK importer for Crown deep cycle batteries which are proving increasingly popular with aerial lift manufacturers and fleet owners. Crown has invested heavily to add value to its deep cycle batteries with features



Crown batteries are proving increasingly popular with aerial lift manufacturers.

such as thicker plates, more headroom for electrolyte and built-in Pro Eye to monitor levels. Shield has been targeting the replacement market for aerial lifts for several years and is happy to demonstrate the benefits of its service.

SOE: MP4

The Society of Operations Engineers (SOE) works to advance operations engineering through education, training, study and research. Through its professional sectors of IRTE, IPlantE and BES, SOE has a direct influence on the road transport, plant and engineer surveying sectors, developing best practice and improving compliance across the board.



Shawtrack beavertail body mounted on a 26 tonne Mercedes chassis

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Used in a number of different arrangements Solum's crane outrigger pads can spread loads of up to 100 tonnes.

Solum Europe: MP35

Solum is exhibiting its innovative temporary foundation and crane outrigger mats, which have been designed to deliver the perfect balance between strength and weight. Available in a range of sizes they can be used in a number of arrangements to spread up to 100 tonnes of load pressure.

Speedy Training: MP18

With over 100 experienced trainers at more than 200 locations nationwide the training division of IPAF and PASMA operator, safety and skills courses. Stop by its stand in the Marketplace and have a chat.

Sumner Lift: Stand 311

Returning to Vertikal Days, Sumner Lift has moved to the outside area to demonstrate its entire range of steel and aluminium material lifting equipment and portable aluminium gantries, as well as a new prototype counterbalance material lift, which is currently being assembled in the UK.

Syrinx: Stand MP8

See Higher Concept Software



Sumner Lift will demonstrate its entire range of material lifting equipment

TMC Lifting Supplies: Stand 603

See Crowland Cranes

Tecnomagnete : MP17

See Carl Stahl Evita

The Lighthouse Club:

The Lighthouse Club is a charity that provides support for construction workers and their families. Collection boxes for donations can be found in the Entrance Marquee and on the TVH stand.

The Tackle Store: Stand 509a

See Safety/liftinggear

Timbermat: Stand 413

Timbermat will exhibit its range of temporary roadways and walkway solutions at the show. These include Timbermat hardwood and Ekki tropical bog mats, heavy duty crane mats and outriggers, and Emtek timber mats which provide certified loading and deflection calculations.

Top Service: Stand MP16

Credit information provider specialist Top Service operates the most extensive credit checking system in the construction and equipment related industries. Members provide unique input on slow payers, which offers a unique background to a potential customer in comparison with the



Timbermat will have a range of temporary access solutions including a number of tropical Ekki hardwood mats



The company will offer free credit information and credit control advice at the show. Be sure to stop by if you have any questions on credit information, company and director monitoring, chasing letters, debt recovery, pre-litigation and all services relating to credit control.

Trackunit: Stand MP9

Last year Danish fleet management system and telematics provider Trackunit opened its first UK branch in Reading. The company will return to Vertikal Days with two solutions suited for access platforms, towers and cranes with its SmartID and DualID. Compatible with IPAF Smart cards or with unique PIN codes, the software can help eliminate untrained operation by only allowing use depending on level of training received.

Trelleborg: Stand 206

See Kirkby Tyres

Trojan Battery: MP5

See Platinum Batteries

TVH UK: Stand 134

TVH has been active in the UK for 25 years, offering a wide selection of replacement parts, products, services and accessories to the telehandler, aerial work platform and agricultural sectors. Its specialist powered access business has been growing at a rapid pace in recent years as it invests additional

TVH will hold a raffle for the chance to win a child's Linde forklift.



resources in the sector. It plans to hold a business card raffle at the show for the chance to win a child's Linde forklift. It will also have a range of parts and will introduce customers to its recent MyTotalSource program that is available 24/7.

US Battery: MP32

See Manbat

Vertikal Press:

Marketplace

International specialist publisher and provider of information on the lifting industry, the company is responsible for Cranes & Access and Kran & Bühne magazines, the online news service and information database Vertikal.net, and is also the organiser of Vertikal Days and other events.



Wienold: Stand 306/7

See IAPS

Winlet: Stand 211

See Hird



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Innovations

Niftylift's revolutionary **Hybrid** power pack delivers intelligent, efficient and environmentally conscious performance.

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Electric-Only Mode - a 'zero emission' power option that allows you to work inside or out, cleanly and quietly.

Hybrid Mode - utilises an efficient (Tier 4 / EU Stage IIIB compliant) engine to reduce fuel consumption by up to 50% and an advanced purification system to greatly reduce exhaust emissions. Surplus engine power is stored in the battery pack and when extra 'grunt' is required the electric motor automatically assists to boost performance. 'Diesel Re-Gen' charges the batteries up to twice as fast as standard mains.



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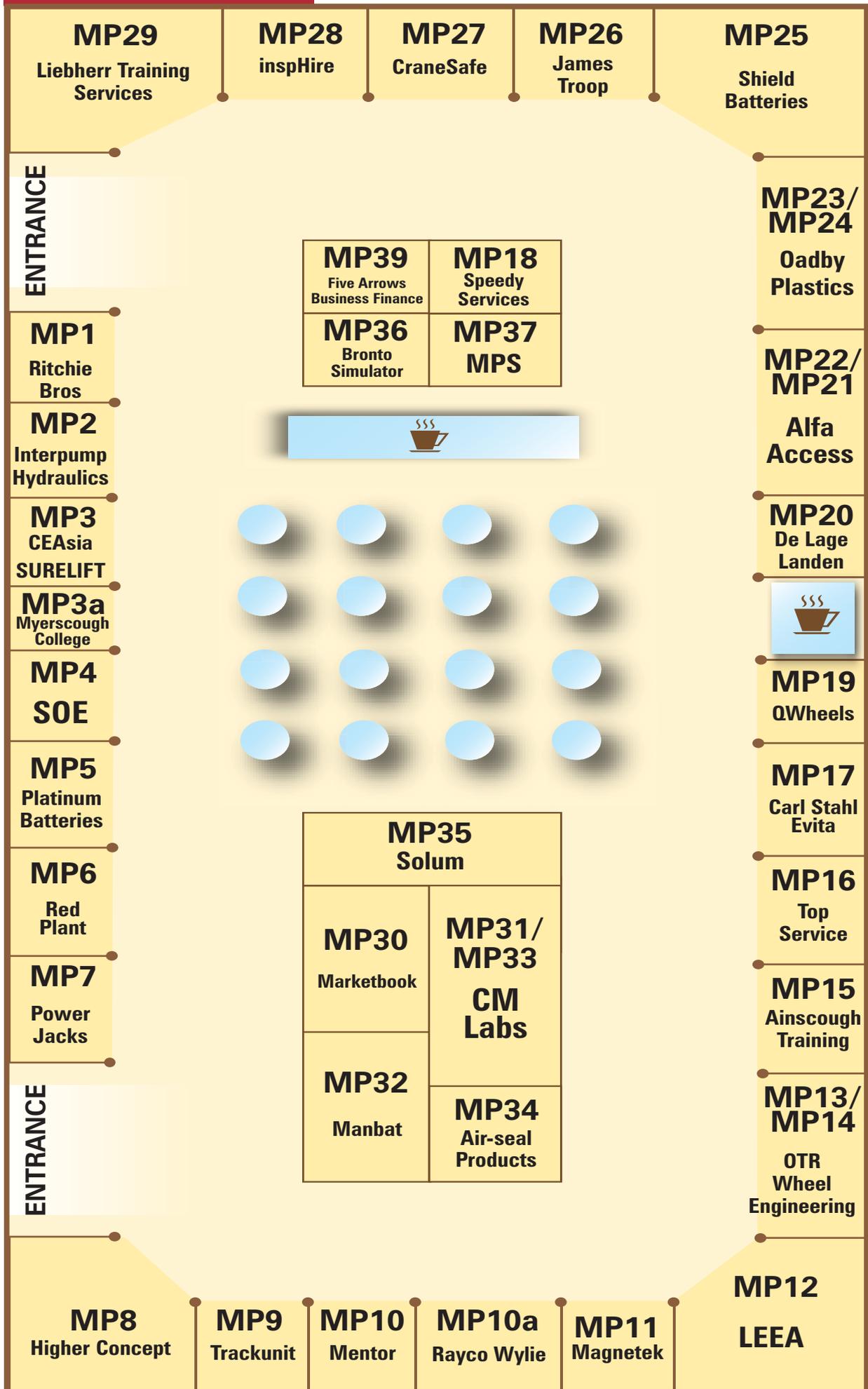
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Summit in DC

This year's IPAF Summit was held in Washington DC close to the Pentagon, the second time it has been held in the USA since 2013. While the number of delegates attending was substantially down on last year's meetings in Windsor, the event was well organised and the content of the presentations to a high standard, with some very stimulating and informative content.



Andy Studdert of NES Rentals takes over the IPAF presidency from Steve Couling

What started out as a short AGM and networking lunch has now almost blossomed into a two day event which kicked off on Tuesday night with a two hour networking session at the National Press Club, a prestigious venue close the White House. Time however was a little short, especially given how far many had travelled, and how many people attending had never met before. Most would have benefited from another hour or so.

The Annual General Meeting next morning was surprisingly well attended although the number of full members entitled to vote seemed to be a little thin on the ground. The accounts were approved, while Andy Studdert of NES Rentals was elected as the new president, taking over from Steve Couling who had completed his two year term. Nick Selley of AFI took over from Studdert as deputy president and Brad Boehler of Skyjack assumed Selley's position as vice president. All positions were unopposed.

Couling spoke on the achievements in 2014, which included the

recruitment of 72 new members, taking the current total to 1,109, and a 7.9 percent increase in the number of people trained to 137,429 a new record. He also reminded those present that when he started his two year term one of the aims was to increase the federation's focus on its original objectives and principles. The re-incorporation of those objectives is, he hopes, just the start. Other business included the adoption of the accounts for 2014, which show a 9.4 percent increase in both revenues - to £4.65 million - and profit margin/surplus - to £149,500. Cash reserves also increased 9.5 percent to £530,600. The accounts were approved unopposed.

The AGM was followed by the Summit, with presentations covering a variety of safety and technical issues. Particular highlights included Frank Nerenhausen of JLG with a talk entitled 'Gimmicks or the next reality'. His presentation was not only stimulating, but also exceptionally well researched and illustrated. He raised three key areas where technology might play a significant role with powered access.

Wearables - including a hi-viz vest with built in harness and an embedded RFID chip that automatically communicates with the machine, identifying the operator, his level of training and approval to use the machine, as well as obliging him to attach his lanyard and all before the machine will start. Proximity devices built into the vest would also warn him of overhead obstacles or the presence of power lines, cutting the machine out if



The networking event



The Summit

the warning is not heeded. A GPS transmitter within the vest would keep a live record of who is on site and where, while warning drivers of any workers to look out for, while the wearer would be warned to look out for an approaching machine.

Head up displays built into safety glasses and/or a helmet, providing all manner of data, starting with the pre-use checks - a simple glance at hydraulic and fuel reservoirs for example would show their precise levels, etc. They might

also include a GPS device, allowing the operator to map an obstacle found in his pre use ground check, such as a kerb, the machine would then automatically avoid it should the operator forget.

Finally he referred to the adoption of platform or boom mounted robotics allowing work to be carried out from the ground, eliminating human work at height entirely.

Stefan Ponea of Industrial Access, Romania, gave a fascinating insight into gangs of thieves and fraudulent





Brad Boehler wanted to give the Americans a scare with "the British are coming"

transactions in a market where there is little respect for the rule of law. The solution includes training staff to use their instincts, greater checks and telematics technology that alerts the team to theft within the first hour of an irregular movement. He also relayed how he tracked down a team of international criminals from Ireland and managed to recover his equipment.

Norty Turner of Riwal not only provided a candid presentation of the challenges involved with opening rental operations overseas, especially in the developing world, but did so in a theatrical and

entertaining manner that captivated the audience at a time when they might otherwise have been ready to doze.

Jordan Barab, deputy assistant secretary of Labor and second in command at OSHA, updated delegates on the organisation's efforts to reduce work place injuries and fatalities. Around 13 workplace fatalities occur every day of the year in the USA. This has dropped from 10 deaths per 100,000 in 1974 to 3.4 today, there is still a long way to go and increased economic activity has raised the death toll in the past year. Recent initiatives have included the reinstatement of a requirement for fall protection on residential construction and the new requirement for companies to report all employee hospitalisations.

He also pointed out how workplace accidents lead to inequality, as contrary to most people's perception, around half the cost of an injury is borne by the employee himself and secondly the state, while Workers Compensation schemes only cover around 11 percent of the cost. The state is effectively subsidising companies that are not properly protecting their employees, while injured employees take a hit to their finances.



The vehicle mounted product of the year went to Palfinger's P480 truck mount



Tim Whiteman with lifetime achievement award winner Ray Smith and Alastair Robertson

And the winner is:



All motions were carried unopposed

After the Summit it was on to the awards dinner. Hosted this year by comedian Sean Collins - who not only had everyone laughing but also maintained audience attention through the fairly long awards presentations.

This year's winners were:

- **IPAF Training Instructor of the Year** - Hansen Ng of BS Technology, Singapore
- **IPAF Training Centre of the Year** - A-Plant in the UK
- **Access Photograph of the Year** - Jonathan Till of GT Access in the UK
- **Product of the Year - Low Level Access** - Faraone of Italy for the Elevah 40 Move
- **Product of the Year Mast Climbing Work Platforms/Hoists** - Maber of Italy for the MB A 2000/150
- **Product of the Year Vehicle Mounted** - Palfinger Platforms for the 48 metre P480
- **Product of the Year Self-Propelled** - Holland Lift for the 27 metre Hybrid HL275 H25 4WD/P/N
- **Outstanding Customer Service** - NES Rentals of the USA
- **Contribution to Safe Working At height** - HSS Hire of the UK for fitting secondary guarding on all boom lifts in its fleet.
- **Powered Access Pioneer** - Herz Equipment Rental China
- **Project of the year Award** - Scanclimber, Scan Rent and PMB Façade Technology of Malaysia.
- **Access Rental Company of the year** - Mateco of Germany
- **International Lifetime Achievement award** went to Raymond E. Smith Jnr who founded, built up and sold several aerial lift manufacturing companies, stating with Smiths Industries which he bought from his father, developing the Smith Mite-E-Lift range of push-around scissor lifts in 1969. He also registered numerous patents relating to aerial work platforms during his career, many of which are still current.



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days**
STAND 412

Simply Reliable

By keeping design simple and using proven technology, Skyjack products offer the rental industry's best life cycle value through low cost of ownership, ease of service and maintenance while retaining high residual values.

Skyjack products feature:

- Standard color coded and hard wired relay based control systems which are easy to trouble shoot and repair using commonly available components
- Common components across model groups making replacing or repairing components easy and cost effective
- Replaceable modular platform railings and repairable fiberglass cowlings.
- No complicated and expensive computers or can-bus systems
- Robust steel construction

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The 48 m difference

RUTHMANN's newest HEIGHT performance series model was presented at Intermat in Paris, France. It is currently the most powerful machine in this specific truck mount sector.

Maximum on a 2-Axle-Chassis

Since APEX 2014, RUTHMANN's new T 480 has been selling particularly well on two-axle (tandem) trucks. There is a variety of different truck brands to choose from including: Mercedes-Benz, MAN, Volvo, Scania, Isuzu (for the Asian market), and Freightliner (for North America). RUTHMANN calls this attribute "multi-chassis compatibility".

Sleeper Cab and All-Wheel Drive

Rental companies provide drivers/operators who are renting out truck-mounted aerial work platforms of this size. Creating a pleasant work atmosphere is garnering more and more

attention. In addition to the many state-of-the-art technical features on trucks today, sleeper cabs are becoming increasingly popular. Sleeper cabs allow drivers to relax comfortably during rest periods.

For assignments in rough and uneven terrain (e.g. construction sites and utility poles in remote areas), all-wheel drive trucks are a major advantage.

With a maximum height of less than 4 m, the features of RUTHMANN STEIGER all-wheel drive work platforms are simply unbeatable. Even on an all-wheel drive chassis, the gross vehicle weight of a 2-axle truck does not exceed the 18 t limit.

3 m More Above 20 m Height

For customers, the overall performance of the work platform is just as important as the features of the truck it is mounted on. RUTHMANN's innovative HEIGHT performance series has so much to offer.

Compared to other manufacturers, the greatest customer benefit of all is the extra reach capacity above the 20 m working height level – up to 3 more metres at this height (see diagram on the upper right hand page). Maximum reach capacity when working up high is and always has been a top priority for customers who RUTHMANN had consulted prior to the development of the HEIGHT performance series. This advantage is not limited to the new T 480 but is also available

on all other models in the highly successful HEIGHT performance series.

The Work Basket: An Exceptional Place to Work

The work basket of the HEIGHT performance STEIGER series features larger internal dimensions (3,613 x 890 mm when fully telescoped) and smaller external dimensions (2,420 x 1,040 mm) than those made by other manufacturers. In addition to the important technical features, customers and/or operators and equipment rental companies require work baskets that can be used for a wide variety of purposes.



Welcome to RUTHMANN
We produce the world famous STEIGER® and CARLSON®.

USED MACHINES
RUTHMANN
at work

HEIGHT PERFORMANCE
PARTNER
STEIGER® T 380 T 400 T 460 T 480
T 540 T 630 T 720

The new STEIGER T 480 features a 48 m working height and 32 m lateral reach. In this category, this new RUTHMANN model provides the best performance capabilities available on the market. On the company website www.ruthmann.de RUTHMANN has posted more than 150 HEIGHT performance series models in the 38, 40, 46, 48, 54, 63, and 72 metre working height range, handed over to satisfied customers from around the world. RUTHMANN is the only manufacturer with this kind of selection in a single production series.

RUTHMANN provides stable aerial work platform technology. A special camera bracket is optionally available on all HEIGHT performance models.





RUTHMANN has documented the amazing versatility of their work baskets in the company's "Multifunctional Work Basket"



brochure (scan QR code on the left).

The work baskets are ideal for: TV/ video recordings, glass/ window/ façade cleaning assignments, installation and repair work on signs, billboards, solar panels, radio towers, streetlights, etc. The boom system can be fully operated at maximum (600 kg) basket load capacity. All boom and outrigger movements can be controlled from inside the work basket. If the assignment is of longer duration, the operator can sit down and relax on the folding seat located in the basket. Heating systems for the control panel and basket floor nicely round off the many useful features on and inside the work basket. The multi-functional work basket was also developed in cooperation with operators and is specifically tailored to their wants and needs.

Equipment Transport and Installation

With the innovative "Lift-Up System" mounted onto the work basket, it is perfectly equipped to safely lift up to 400 kg of heavy and bulky items to the desired location. RUTHMANN's "Lift-Up System" is designed to accommodate the load at ground level. Parts do not have to be transported separately and there is no awkward on-site assembly.

Furthermore, there are no stumbling hazards anywhere on the basket floor. Heavy and bulky items (to 300 kg) can also be lifted using a material winch. When utilizing the winch, the boom system does not have to be lowered in order to pick up items at ground level. The material winch has a lifting speed of approx. 6-10 m per minute. The type examination certificate of the RUTHMANN's material winch system – unique on the market – maximizes safety at the jobsite.

Performance Parameter

The T 480 has all of the familiar benefits that have made the HEIGHT performance series so popular. Models in this series feature compact vehicle dimensions and the T 480 is no exception. The total vehicle length is 10.36 m – unrivalled in the industry. With a 48 m working height and 32 m lateral outreach, RUTHMANN's new T 480 has the best performance capabilities in this category available on the market today. Mounted onto a standard 4x2 chassis, the T 480 has a height of only 3.72 m. On an all-wheel drive (4x4) chassis, it is just 3.95 m high. The net weight (curb weight) is only 17,650 kg, even on a 4x4 chassis with sleeper cab. There is enough room for passengers, tools and equipment without having to worry about exceeding the gross vehicle weight (GVW) restriction.

Smooth Performance at the Jobsite

Because the boom system can be pivoted at maximum lateral reach without having to be retracted, getting stuck

is next to impossible with the T 480 and its siblings in the HEIGHT performance series. The top view performance drawings show a circular performance – not angular.

High Speed Movements

As every professional knows, the greater the rotation and swivel angle of movable boom components, the more complex the control technology. In contrast to the competition, RUTHMANN has years of experience with hundreds of HEIGHT performance models now sold. Movements are smooth and fast thanks to RUTHMANN's highly developed control technology. This greatly enhances safety and efficiency at the jobsite.

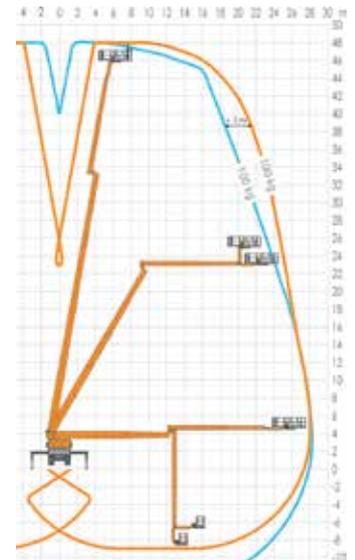
Multi-chassis Compatibility

Customers worldwide have diverse needs and sometimes require heavy-duty truck mounted work platforms that, in addition to state-of-the-art features and top performance capabilities, also provide off-road mobility. This is why the T 480 can also be ordered on a 3-axle chassis. RUTHMANN has enhanced the outrigger stroke on its all-wheel drive T 480 and further optimized its performance capabilities.

Extensive Research Recommended

When analyzing the performance capabilities of truck-mounted aerial work platforms, there are many different things to consider. Overall performance depends on the manufacturer's concept and design. Customers should first understand the designer's/ developer's concept in order to choose the work platform that is right for them.

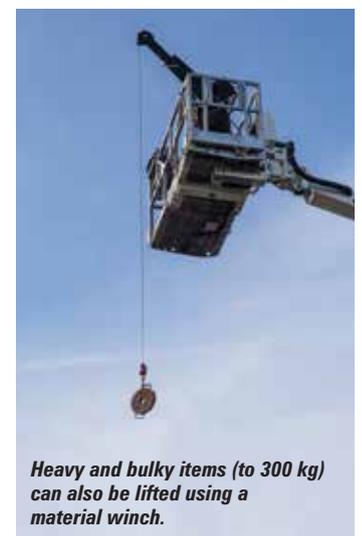
With its HEIGHT performance series, RUTHMANN adheres to the so called "upright work basket" concept. This means that the basket is fastened onto a base plate (mounting bracket). This is in contrast to "hanging work baskets" that are also available on the



market. RUTHMANN's upright basket offers considerably greater capacity above the 20 m working height level (see diagram above).

This concept also provides tremendous benefits at the jobsite. During pipeline construction, for example, the boom can be carefully extended below and behind existing pipes. The jib/work basket is then lifted to the desired position so that work can be carried out behind the pipes.

Of course, RUTHMANN's cage concept also enables work to be carried out below ground. However, industry experts are in agreement that these types of aerial work platforms will not be able to replace the more effective under-bridge inspection units.



Heavy and bulky items (to 300 kg) can also be lifted using a material winch.