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The greatest show on earth



When it comes to equipment shows nothing comes close to Bauma, held once every three years this is the granddaddy of them all. With as many as half a million visitors, 3,000 odd exhibitors and 540,000 square metres of exhibit space it makes most other shows look like country fairs.

In this, the first of two introductions to the show, we give you a flavour of what you can expect. If you are dithering over whether to visit or not - do it. If you haven't been before you will not regret it - this year promises to be the best yet.

But leave yourself enough time to get around the show and don't be put off by the seeming lack of hotel rooms. If you are a loyal customer with one of the big manufacturers you might find that they have a room that they will be happy to turn over to you. Alternatively use a travel agent, they tend to have rooms that they have block booked.

If you are looking for a bargain you can always book a hotel room well outside of Munich, possibly in the foothills of the Alps. Try to select a location on the rail network so that you can take the train directly into the showground making the journey in much easier.

This year the open-air area to the north west is more integrated into the main area and is accessible without using bridges over the dividing road. There is

also an additional one and a half halls - C3 and C4.

For those interested in cranes, access equipment, telehandlers, lorry loaders and attachments, mast climbers, hoists and systems scaffold - as well as associated products - there is an enormous amount of equipment to see, mainly in the open air area to the east and north.

This is the first Bauma preview giving a brief look at the major launches that we know are happening. Obviously, Bauma being the world's largest equipment show, manufacturers gear their product development plans around its timing, and many would rather make a bigger splash at the show when launching a new product. So, as always, there will be lots of unexpected launches during the show. For a full show guide, Vertikal will be distributing its very popular, multi-lingual Vertikal Bauma guide to all readers of Cranes & Access, as well as an additional 15,000 copies available at the show itself.

Bauma is the 'essential' show. However plan your days - it is so big that you can easily miss the equipment you went to see. Vertikal Bauma is an ideal guide at the show - copies can be picked up at most entrances as well as the Vertikal press stand F7. 702 / 6. Come and visit us on our stand and take a well earned break from an excellent but very exhausting show!



Exhibitors

AGS

AGS - known for its tower crane anti-collision devices - will be showing its expanding range of technology-based products. As well as its AC3 multi-crane anticollision system, the company will have its AN3 anemometer (wind speed monitor), anti collision lighting for tall structures (SF3), tower crane camera system, remote fleet monitoring, live monitoring of site work progress (SV3), electrical cabinet power distribution and a range of custom services.

Alimak Hek

Alimak Hek - now owned by private equity firm Triton - is gearing up for a big Bauma showing a completely new Hek Modular System consisting of a light, medium and heavy range. The company is giving little away about this and its new online diagnostics system the A3 - an online/mobile phone system for remote control. Visit the stand for the full story.

The company is expanding its Scando hoist range with the introduction of the 650FC-S. With a speed of up to 100 metres per minute it matches the Scando Super but has a maximum lifting height of 400 metres with a payload up to 3.1 tonnes while using less power than a standard hoist.

Bocker Steinweg

Bocker will be launching a new lightweight aluminium trailer crane - the AHK 31/1400 - which also doubles as a

work platform. The unit - which features a completely new, tandem axle trailer chassis - has a maximum lift height of 31 metres and a maximum lift capacity of 1,400 kg. A new radio remote control also has remote diagnostics and full visual information of the load on the hook and boom position.

Weighing 3.5 tonnes the unit can be towed by some of the larger 4x4 and once on site, is self propelled using the optional drive unit.

With a basket attached the machine has a maximum platform height of 26 metres and payload of 250kg. The platform can swivel 35 degrees left and right for added manoeuvrability.

The Steinweg hoist part of the group is showing two new hoists - a modular, 400 metre lift height Giant hoist capable of up to 60 metres per minute. Maximum platform size is 3.8 metres by 1.5 metres. Also on show will be the MX320 material/passenger hoist with a 300kg capacity aimed at smaller sites.

Bobcat

Bobcat's new T2250 telehandler is as compact as the marques largest skid-steer loader, yet can lift 2.2 tonnes to a height of 5.2 metres. Measuring less than 2 metres high and 1.8 metres wide, Bobcat claims that the 56kW turbo-charged unit has a loading performance equivalent to a similar-sized articulated wheeled loader.

For maximum versatility, the unit can be fitted with either of two



The compact T2250 can lift 2.2 tonnes to a height of 5.2 metres.

quick-change attachments - the standard or the Bob-Tach system used on the Bobcat loaders which can carry attachments such as a sweeper, rotary broom, auger, snow blade and rotary snow blower.

Dinolift

Dinolift will be launching a new model but is keeping details close to its chest. However, business is on the up at Finnish trailer-mounted platform specialist. Last year's production was 500 units, delivering its 5,000th Dino during the summer. This year the company hopes to double annual production to more than 1000 units, delivering its 6,000th unit in the process.

Fassi

Four new models will extend Fassi's heavy 'Evolution' range. The F500 and F560AXP replace the F480A and F530AXP. Seven versions will be available with two to eight hydraulic extensions. Maximum lift height is 20.3 metres with the F500A maximum lifting moment is 51.5 tonne metres and 56.3 tonne metres for the F560AXP.

The F600A and F660AXP are the Evolution models of the F540A and F600AXP. Two to seven extensions and a max lift height of 20.3 metres is similar to the F500 and F560 but lift moments of 56.8 and 62 tonne metres gives a little more capacity.

The addition of the L061 hydraulic jib allows even lightweight cranes to be fitted with a third articulation. The new jib has a 1.2 metre hydraulic extension as well as an optional manual extension. It will be available with the F65A - giving 10.3 metres extension with a maximum capacity of 430kg and on the F80A giving 390kg and an extension of 12.15 metres.

Haulotte

Haulotte will unveil its own range of telehandlers which will include two models, the four tonne capacity and 17 metre lift height HTL 40-17 and the three tonne capacity, 14 metre HTL 30-14. The company says it is focussing on the construction sector and is aiming for 'robust and easy to drive machines'.



Fassi continues to extend its loader range with four new models including the F600AXP

All telehandlers will initially be straight masted units and built at Haulotte's new Spanish facility. Longer term, the company hopes to reduce the proportion of turnover from platforms to about 50 percent. No new platforms for 2007 look out for those at Conexpo 2008.

Hinowa

Hinowa is launching an unusual machine - the tracked forklift. Aimed at the construction, road and landscaping markets, the unit is ideal for sites that are muddy, sandy or have steep gradients. Basically it is a tracked dumper chassis with a rigid masted forklift on the front. Lift capacity varies from 400-1400kg.



This tracked forklift range from Hinowa has lift capacities from 400-1400kg.

HMF

A completely new range of HMF lorry loaders will be introduced in the 12-16 tonne metre range. Three existing HMF loader models will be replaced by a total of eight new models more details at the show.

Jost

Innovative topless luffing crane manufacturer will have its own stand at this year's show to launch at least two models including the JTL 68.4 and the JTL 132.8.

The JTL 68.4 is a topless luffing crane with a maximum jib length of 40

metres with a tip load of 1.5 tonnes and completes the S range of cranes - Jost's most successful product worldwide. Ease of erection and transportation feature in its design with the heaviest



A new range of lorry loaders is being introduced by HMF

section weighing 5 tonnes. Transporting the crane - 40 metre jib, 24 metre tower and 4.6 metre cruciform base without ballast - just two trucks are needed. The crane has a maximum load of 4 tonnes and a maximum hook height of 125 metres and is available in two configurations - 15kW and 22kW hoist units.

The JT132.8 is the smallest in the modular designed, topless saddle jib range.

On the Bauma stand will be a 55 metre jib unit with a tip load of 1.7 tonnes. Maximum load is 8 tonnes in four fall operation.

One of the main advantages of this unit is the entire jib section with hoist and trolley unit, trolley, hook block, ropes, cables and control cabin are pre-assembled in the factory and transported on a single truck reducing erection time considerably.

Jost also plans to launch two 400 tonne metre cranes - the JL416.24 - a luffing crane with maximum jib of 60 metres and 5.1 tonnes tip load - and the JT412.24 - a saddle jib unit with a maximum load of 24 tonnes, maximum jib length of 80 metres and 2.5 tonnes at the tip.

JLG

Smallest but probably one of the most important recent releases is JLG's compact Model 1230ES. Seen for the first time at the ARA show in Atlanta, this new self-propelled mast lift weighs 790kg yet provides up to 3.66m platform height, 1.66 metres long and 0.76m wide

small enough to be transported in a lift. The 1230ES features energy saving electric motors on the front wheels, which JLG claims gives up to three times the number of duty cycles as other models.

Swing-out trays provide easy access to frame and power-pack components and four 6Volt 220A/hr



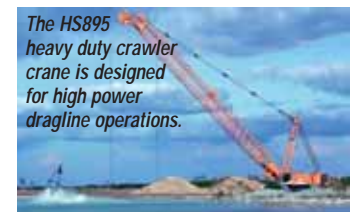
Small but could be very big for JLG - the 1230ES.

batteries. The 1230ES is fitted with a fully automatic self-seeking 20 Amp battery charger. A low step-in height of just 0.66 m together with saloon-style spring-loaded swing doors combine to provide ease of entry to the platform. The 0.69m wide x 1.26m long platform has a steel deck, rugged square tube handrails and offers a capacity of 230kg.

Liebherr

Once again Liebherr's stand is huge - the largest at the show. With 75 exhibits from its extensive construction machinery range, it needs the 13,000 sq metre, open-air site to house the 12 mobile, 5 crawler and 9 tower cranes - to name just the lifting exhibits!

Centre of attraction is the entirely new, nine axle LTM11200-9.1 all terrain crane. Claimed to be the most powerful telescopic the unit has a 100 metre boom - 16 metres longer than the previous record holder the LTM1500-8.1. With a total weight of 108 tonnes including four outriggers and complete slewing platform with both winches, the unit can be driven on the road. The boom is carried on a separate transport vehicle.



The HS895 heavy duty crawler crane is designed for high power dragline operations.

Other new cranes include the 1350 tonne capacity LR11350 crawler which has a maximum boom length of 228 metres (114 metre main boom and 114 metre luffing fly jib) giving a 223 metre maximum under hook height.

Also new is the 300 tonne, LR1300 crawler which has a maximum boom length of 172 metres (59 metres main boom plus 113 metre luffing jib), a new successor for the popular LTM1045-3.1, the 50 tonne LTM1050-3.1 mobile crane which has a four metre longer boom and 12 percent (on average) increased load capacities.

The new 22HM is a larger version of



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Liebherr's LR11350 crawler has a maximum boom length of 228 metres.



the 13HM fast erecting crane which can either be towed with a drawbar or fifth wheel mount at speeds up to 80 km per hour. The unit can also be fitted with the optional hydraulic 40 degree 'super-raised' jib and has a 33.4 metre under hook height.

Completing the new crane line-up is the HS895 heavy-duty crawler crane which has a pulling force of 45 tonnes and is designed for high-power dragline operations.

Although available since last autumn in parts of Europe, Bauma will be the first international viewing of Liebherr's four model telescopic handler range with capacities of 3.5 and 4.5 tonnes and lift heights of 10 metres and 13 metres.



A two section telescopic mast increased working height between 20 metres and 32 metres

Manitowoc Crane Group

MCG promises a spectacular stand with the unusual GTK1100 rising above all the other exhibits. Seen in the metal for the first time, Grove claims the GTK1100 is an easy and rapid to erect

telescopic mast and luffing telescopic boom capable of lift heights of more than 120 metres. The unit - already sold to a German crane company - is the first of three to be built this year. Maximum production will be about one per month.

Also on the MCG stand will be the latest five-axle, all-terrain crane, the Grove GMK5095 which features a 100 tonne maximum capacity and 60 m seven-section main boom; the long boom version of the Grove GMK4100 and the latest rough-terrain crane, the RT540CE.

Potain adds two innovative self-erecting cranes - the Igo T 70 and Igo MC 13.

The Igo T70 uses a two-section telescopic mast to increase its working height between 20 metres and 32 metres in increments of 3 or 6 metres. The crane has a maximum capacity of 4 tonnes and lifts 1.3 tonnes at its maximum radius of 40 metres.

The Igo MC13 is equipped with a trailer axle, making it highly mobile and maneuverable. The crane is claimed to be erected in less than 30 minutes, making it a perfect candidate for short-term jobs. Maximum capacity is 1.8 t and maximum jib is 22 metres, at which radius the Igo MC 13 lifts 0.6 tonnes.

Manitou

Shown initially at Intermat, Manitou will be officially launching the Maniaccess 150TP telescopic masted platform. Fitted with a 5.0 metre long platform extendible to 6.3 metres and 2.3 metres wide, the unit can lift 1tonne to a height of 15 metres.

Its large working platform and good lift capacity makes the unit particularly suited to the cladding and glass installation sectors. Its four wheel drive with crab steering allows good manoeuvrability and with its telescopic arm at half maximum height, it gives the unit a working platform length of 15 metres at a height of 8 metres.

Kobelco

Claiming to be the world's market leader in lattice boom crawler cranes up to 250 tonnes with a share of between 37-40 per cent, Kobelco is aiming for a bigger slice of the 250-800 tonne market with the launch of the 550 lift capacity SL6000. It also says it has other new cranes in the 2008/9 pipeline. The stand unit - the first to be built - is one of two SL6000's ordered by Weldex. The crane will be rigged with 48 metre main boom and 48 metre luffing jib, although when delivered will have an 84 metre main and 84 metre luffing jib.

Neuson Kramer

KramerAllrad will be showing its new telescopic handler range including the



The long-boom version of the GMK4100 can be seen for the first time.



Kobelco is aiming for a slice of the bigger crawler crane market with the SL6000

latest model the 9 metre lift height 4009. Although there are plans to expand the range with 13 metre and 17 metre additions, these look likely to be introduced in 2008/9 rather than this year. Kramer says that the smaller models have been well received in the UK with about 150 sales to date.

Oil & Steel

Oil & Steel will have a wide range of equipment including the Eagle truck mounts, Octopussy crawler platforms and the PM range of lorry loaders. The SAIE show in Bologna was the main showing for numerous new models, so Bauma is restricted to a few additions to the PM range. This will include the four extension versions of the J500 and J700 hydraulic jibs which can be mounted on several series of loader. In the Platinum range, PM is going to launch a new top of the range version of 85SP, the 85028SP+J1204.20.



A new range of lorry loaders is being introduced by HMF

Ruthmann

As well as Ruthmann's 10,000th platform - a TB220 mounted on a Mercedes Sprinter chassis - the German platform manufacturer will also be showing an offroad version of the TB220, mounted on a Scam SMT 55 chassis.

Manufactured in the Czech Republic, the 5.5 tonne chassis is similar to the Iveco's Daily 4x4. In fact, Scam has been working in co-operation with Iveco since 2005.

The TB220 has a 22 metre working height and a 14 metre outreach with 100kg in the basket and a jacking/leveling mechanism that can deal with gradients up to five degrees.



The 10,000th Ruthmann platform - a TB220 will be auctioned after the show with proceeds going to charity.

Ruthmann currently exports only 15 per cent of its production and is looking to improve this. Last month it took a major step in raising its profile in the UK when it sold five T370 truck mounted platforms to the Lavendon group.

The new 305C+ has a new engine and hydrostatic drive.



Sennebogen

Few details are available on the new Sennebogen cranes to be launched but look out for a new HD crawler, the 305C+ multicrane with new 91kW engine and hydrostatic drive as well as two new telehandlers.

SMIE

Tower crane anti-collision specialist SMIE is showing three new products - the AC246 system with updated software and checks, the DLZ342 aimed at offering essential data for a single crane and the SGC240 for monitoring and logging information from up to 20 cranes.

Tadano

Tadano says it will be showing six new cranes out of the 10 cranes on its stand including the 360 tonne, 60 metre boom ATF360G-6 with a new styled jib. Also on show will be the 90 tonne, 51.2 metre boom, 8x6x8 ATF 90G-4 replacing the 80 tonne ATF80-4,

the 40 metre boom 50 tonne ATF 50G-3 and the 40 tonne ATF 50G-3 which features the Faun rear axle steering and smallest in the ATF range is the new ATF40G-2 with a 35.2 metre boom.

Other new models include the 55 tonne rough terrain GR 550EX and the truck mounted HK40.



Tadano HK40 replaces the HK35 and has a standard boom length of 35.2 metres

Teupen

Teupen will be showing three new models across three product ranges. Its 12 metre working height Euro B12T is being shown mounted on the world's most popular chassis - the Toyota Dyna 100LY.

The new trailer mounted, articulated Gepar 15GT has a length of 4810mm and weighs 1540kg. Basket control cables are within the aluminium boom and all hydraulic cylinders have shut-off return valves.

Teupen's new crawler-mounted aerial access platform is Leo 18GT. With a working height of 17.9 metres and a 7 metre outreach it slots between the Leo 15 and Leo 23. The ground pressure in standard working position is 1.9kN per sq m and 5.52 kN per sq cm in transport mode allow the machine to travel over most surfaces. Working "footprint" is 2,93m x 3,92 m and with an overall length of 4710mm (3995mm without the basket) width of 780mm and travel height of 1980mm the unit is capable of getting into most situations.



Teupen Euro B12 is a 12 metre high working platform mounted on a 2.8 tonne Toyota Dyna chassis.

Wolffkran

Rapidly expanding Wolffkran will be unveiling a new luffing jib and two new 'L class' topless saddle jib cranes - a 180 tonne metre and 224 tonne metre unit.

A feature of the topless cranes is the reduced transportation required - just four trucks for the larger Wolff 6031 with the counter jib on one truck saving a claimed 1.5 to 2 hours erection time.

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