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Positive show in 1 Big Easy

The 2018 American Rental Association's annual convention and Rental Show was held last month in New Orleans, with 6,000 rental company staff attending and most exhibitors reporting rapid order intake compared to previous years.

Skyjack, GMG, Snorkel, Manitou, **MEC and Bailey Cranes all** unveiled new products, although the biggest surprise came from JLG, where the company launched the X1000AJ, its version of the recently announced 33 metre Hinowa Spider lift two months before the planned Hinowa launch. A major trend spotted at the show was the sudden emergence of overhead warning/ protection systems for scissor lifts - as a form of secondary guarding. Given the costs and simplicity of the technology it is likely that the concept will quickly become a mainstream safety feature, especially in Europe where demand for it is growing.

While totally new products were think on the ground, most stands had new product developments and updates to talk about. Starting with the product launches:



Skyjack highlighted its all-new North American style 2.5 tonne/six metre telehandler, which can handle 2,000kg at its maximum 5.9 metre lift height and 862kg at its full 3.44 metre forward reach. The compact unit features a full size cab, which can be converted from open to fully closed in two hours.

The company also unveiled a new moulded composite control box for its scissor lifts which is virtually indestructible, and showed a prototype of an overhead sensing/ warning and cut-out system, the Platform Protection Alert, that uses ultrasound sensors on the guardrails which cover the entire platform, with a reversing alarm type beep warning the operator of an approaching overhead obstacle. As the platform moves closer to the obstacle the beeping gets fast and then cuts the lift function. If the operator needs to get closer,

he can override the cut-out and restart the lift function. Skyjack also launched its new Elevate telematics system in partnership with Track Unit, and





its Virtual Reality training simulator partnership with Serious Labs.

GMG unveiled three new products, including the15ft 1530ED compact lightweight scissor lift. Built to its own design it includes a full width platform with roll out extension, direct electric drive, active pothole protection and an overall weight of just 860kg. Overall length with the entry step removed is just under 1.5 metres, with an overall width of 760mm. The company also announced a new Rough Terrain scissor lift range, but had no space





to show it - catch it at Vertikal Days. The other new product on the stand was the VM26J, a classic 10 metre mast boom with direct electric drive, built by Mantall with GMG's own running system and custom features.

The company demonstrated a new overhead alert and cut out system on a scissor lift, which it says uses a form of radar to detect obstacles above the operator. The beam emitter will be built into the control box so that it always senses the space above the operator. When an obstacle is detected it sounds an alarm with a beeping that gathers speed as the operator moves closer to the obstacle and finally cuts the lift function. The operator can then override the lock out and proceed with caution, the over-ride action is recorded in the machine's data log.

Manitou claimed to be the fourth largest boom lift manufacturer worldwide - but declined to say how

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it calculated it. It used the show to launch its entry into the US access market, unveiling ANSI versions of its five smallest articulated boom models, topped by the 160ATJ+, which becomes the ATJ46+. As part of the launch it showed the 46ft ATJ46 - a new mark III version of its popular 160ATJ. The CE version will be unveiled at Intermat. Until now the 160 ATJ has shared a lift mechanism with the higher capacity 160ATJ+, while the new Mk III version uses a lighter lift mechanism, a galvanised platform, two wheel steer and a smaller engine coupled to a load sensing hydraulics system.

Snorkel unveiled a 2.6 tonne/six metre compact telehandler, the SR5719 - a badged Faresin model made in Italy. The two companies have signed a global deal in which Snorkel will sell Faresin machines to the construction/rental market under its own brand. The most innovative new product on the stand was the lightweight 15ft full length slab scissor lift - the 3215L. The machine has an overall length of just over two metres and weighs 952kg, but has no deck extension, as the platform is already longer than the chassis. The machine has been structurally modified with chassis and platform made from perforated steel and aluminium sheet metal, in order to reduce weight and floor loadings without sacrificing overall dimensions.

MEC showed two brand new

The new Manitou ATJ46 includes additional lifting eyes on the superstructure.







cutaways to reduce weight



models, the compact 19ft Micro 19 slab scissor lift with direct electric drive, an overall length of 1.4 metres - with ladder removed - and an overall weight of 1,230kg with full specification including roll out deck. The other new model is a 45ft Rough Terrain articulated boom lift, the 45-AJ. The unit is clearly based on the Genie Z-45, with dual riser, two section boom and articulated



ARA show



The new 45ft MEC 45AJ boom lift - very Genie

jib. Features include four wheel drive, oscillating axle and 360 degree continuous slew. The engine covers comprises of two parts in order to fully enclose the engine compartment to reduce noise emissions etc. The company is also now selling its ultrasound overhead protection for scissors and booms.



is shorter and lighter than most 19ft scissors

The JLG stand featured the 33 metre X1000AJ spider lift, its version of the soon to be launched Hinowa Lightlift 33.17 Performance IIIS. Outreach is 16.5 metres at an up & over height of 17 metres, with an unrestricted platform capacity of 230kg. The lift mechanism on the new machine features a four section telescopic riser/lower boom, which elevates to almost 90 degrees, plus a three section telescopic top boom and an articulating jib with 180 degrees of articulation.

Bailey Cranes showed its new Brandon Mini crane - come glazing robot - with a lift capacity of 340 to 450kg, plus the 4.5 tonne Brandon 10 battery electric pick & carry crane and the Brandon Trax 2,250kg crane/glazing robot and aerial



The MEC 45AJ features a two part right hand wrap around cover with greater protection during transport, better access and lower noise levels





X1000AJ features 180 degrees of jib articulation, thanks to an extra link in the mechanism



The Brandon Trax has a 2.2 tonne maximum capacity, a four section 7.2m boom plus a 1.5 metre luffing jib

lift with four section boom and a maximum tip height of 7.9 metres with jib.

ARA show



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ANSI standards and include a number of product improvements



















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