TEREX ADDS THREE-AXLE DEMAG CRANES

Terex Cranes has introduced two three-axle Demag all-terrain cranes, the AC55-3 and AC60-3, with 55-tonne and 60-tonne lifting capacity ratings, respectively, and aimed at high productivity and low operating costs.

The cranes have an automated counterweight rigging system for easy and fast setup, a one-engine concept for streamlines operation and maintenance and the IC-1 Plus control system — for calculating the crane's maximum allowable lifting capacity based on the slewing angle and configuration.

These innovations help make the Demag three-axle cranes a one-man operation, while an optional remote control can give the operator the ability to safely and easily rig and operate the crane from a distance.

The AC 60-3 has a 50m main boom and can be fitted with a 16m extension, for the longest configuration in its class.

Demag AC 55-3 and AC 60-3 all-terrain cranes also have a 50m single cylinder telescoping main boom, the longest of any 3-axle all terrain crane, while the AC 60-3 can be fitted with a 16m extension, for the longest configuration in its class.

The cranes' outriggers can also be positioned independently, allowing the machine to take full advantage of the IC-1 Plus system's ability to calculate the maximum allowable lifting capacity based on different outrigger configurations.

The three-sheave VarioHook system, and powerful hoist, with 60kN or just over six tonnes of line pull, contribute to help shorten rigging time, reduce the weight of equipment transported and saving time on site.

At only 2.55m wide, the same as a standard truck and the ability to stay within 12-tonne axle weight restrictions, Demag three-axle cranes provide fast and efficient transportation between job sites.

The Demag AC 55-3 crane can also be configured to meet 10-tonne axle weight restrictions when necessary. Furthermore, there is also an optional all-wheel drive feature available to facilitate operation on the most demanding jobsite environments.

According to Terex, the Demag AC 55-3 and AC 60-3 all-terrain cranes will perform well in a wide range of applications including, general lifting, inside building lifts and equipment loading and unloading, as well as performing auxiliary crane work.

Terex Cranes also recently upgraded its Demag AC500-8 all-terrain crane to enhance the machine's technical characteristics and add Terex's IC-1 Plus control system.

MB DEBUTS SMALLEST CRUSHER BUCKET

MB Crusher has rolled out the fourth generation of its smallest model of crusher buckets, the BF60.1, capable of crushing basalt while fitted to machines with operational weights of as low as eight tonnes.

The BF60.1's structural layout has been restyled to offer greater agility and increased speed during crushing operations, while parts subject to the most stress have been reinforced.

MB has also installed a centralised greasing system to simplify and speed up onsite maintenance operations.

Diego Azzolin, head of design and production at MB, said: "All our products undergo continuous testing and experimentation in order to improve them and render them more efficient in the various types of work sites that our clients deal with every day."

MB's BF60.1 can recycle building materials on site.

One end user, the owner of the German company Schäuble Hoch- und Tiefbau, said: "After having purchased a BF60.1 crusher bucket in September 2016, something changed. I began to think freely about my business, free to programme my work and earn more. We mainly deal with materials from demolitions, which we then re-use for other kinds of work, such as filling excavations or for road beds. However, I would never have imagined that such a small bucket applied to my 12-tonne Komatsu PC118 excavator would also allow for such highly efficient crushing of basalt."

The BF60.1's ability to recycle construction materials on site reduces contractors' reliance on specialised equipment rental and third-party operators, according to MB Crusher.

The end user added: "I was already aware of the advantages of MB in terms of cost reduction, and I am very satisfied with the reliability and productivity of this piece of equipment, and with the after-sales service."

He added that another advantage of being able to recycle materials on-site was the opportunity of selling the same materials as aggregate back into the building industry.