

MOBA Focuses on Future-oriented Cloud Concepts and BIM Connectivity in the Earthmoving Market

BIM Ready With MOBA 3D Control

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In order to benefit from the advantages of Building Information Modeling, a construction site needs the right equipment. An essential part of this are state-of-the-art machine controls that can process, display and create 3D models. Thus, the 3D Xsite series of MOBA Mobile Automation can be seamlessly integrated into digital construction site processes thanks to the support of open standards. How this works and which systems are necessary for it will be revealed by the experts in the BIM area of the MOBA exhibition booth at bauma 2019: in hall A2, Stand 237.

Trend-setting Cooperations Bring Progress in the Construction Industry

The global player's BIM ready systems are not only convincing as add-on systems that can be installed on the machine at any time. In close cooperation with practical partners, forward-looking and market-oriented technologies are continuously developed, as the semi-automated excavator impressively demonstrates on MOBA's outdoor booth at bauma: between halls A2 and A3. OEMs and system integrators rely on the inspiring and far-sighted cooperation with the tech company in the implementation and development of innovations for the construction site of the future.

One Basis – Flexible Applications

In addition to the proven excavator controls of the Xsite family, innovations such as the support of tilt rotators show how flexibly the systems can be used on a wide variety of machines from different manufacturers. The specially developed XsiteAPP with a new software version is now not only available for excavators, but also for dozers.

Leveling With Maximum Adaptability

The newly designed Dual Laser-matic leveling system is now even more powerful. In addition to high and fast control accuracy combined with maximum reliability, all commercially available valves can now be controlled without any problems. Its unsurpassed variability

makes the Dual Laser-matic a system for all leveling tasks - whether in earthworks on a dozer blade or when placing concrete on a screed.

Systematic Soil Compaction - Connected for More Quality

The MOBA compaction assistance system for rollers provides the ideal basis for construction projects. Whether as a starter system MCA-500 or as a connected, fleet-capable MCA-3000 on a large construction site, MOBA's systems for rollers are an absolute must for high-quality compaction.

The latest feature of the MCA-500 entry-level system is its user-friendliness. The entry of the target value clearly indicates to the driver when the optimum, best quality compaction has been achieved.

The advanced MCA-3000 system is also unsurpassed in terms of ergonomics. Specialized in the productive cooperation of an entire roller fleet, the system displays the current work progress to each operator. This allows each team member to adapt his or her rolling strategy for quality assurance. In addition to the fleet management function, all compaction data is automatically transferred to the MOBA Cloud Server, where it is available for further analysis, reporting and optimization evaluations at any time.

Software Integration Makes Wheel Loader Weighings Evaluable

The advantages of the MOBA HLC wheel loader scale go far beyond fast and accurate weighing during loading. The latest version integrates data transmission via WiFi or GPRS into the proven MAWIS U2 software, which is well-known in the waste disposal sector. Thanks to the high storage capacity for intermediate data storage, the customer has the choice of retrieving the data on a monthly basis - even via a smartphone hotspot.

In the web application, all stored weighing information is available immediately and in real time. Concise visualizations, comprehensive reporting and versatile evaluation options serve as a basis for optimization to increase efficiency. Interfaces to billing software are particularly user-friendly and time-saving.

MOBA Mobile Automation

MOBA Mobile Automation does not simply follow technological trends in the construction industry - it drives them forward. Its innovations are always market-oriented and supported by a worldwide network of experts and well-known partners. This symbiosis of future orientation and practical knowledge constitutes the unmistakable progress of the innovation driver.

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