Press Release
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Bauma stand: FM 612

Mobile and ambitious: At the Bauma 2016 (April 11-17, Munich) ATLAS show their most recent wheeled excavators and loader cranes.

ATLAS GmbH show a small cross section of their impressive product range of proven models and also several new excavators and loader cranes. Starting from April/May 2016 almost all excavators will be available with the recent Tier 4 final version. The electric material handlers 250 MHE and 350 MHE work completely emission-free. With regards to the loader crane range new folding cranes are available with various reaches and load capacities.

Wheeled excavators

The small wheeled excavator 140W shown has a number of special features; it is equipped with the new ATLAS quick-change system for a fully-automatic change of all available ATLAS tools. The central lubrication system and the electric fuel pump make the daily checks more convenient. With a width of 2750 mm the dozer blade increases operation speeds and the ergonomic cab provides exceptional comfort. The operator's seat is electrically heated, the radio comes with a USB-port, and a cool box makes work life more comfortable. All rear and working lights are equipped with LEDs for improved energy efficiency and exceptionally long life. The Deutz TCD4.1 diesel engine with a power rating of 80 kW (100 hp) the machine meets Tier 4 final exhaust emission standards with ease.

The ATLAS 160W from the extensive range of ATLAS wheeled excavators on display is equipped with an all new cab and interior and features a new operator display and the new “6th generation” electronic control system. All Atlas wheeled excavators with the new control system are now equipped with another feature as standard; they get a new keypad as well as a multi-functional button to operate the new color display and the individual functions. Furthermore, an option on the display allows you to set oil volume and oil pressure for every tool; this can be done in liters per minute and bar pressure, so all attachments can be changed and set up accurately, quickly and simply. As an option our models 140W thru 220W can be fitted with dual tires made by the manufacturer CALIBER. Minor improvements are a
second tool box mounted at the undercarriage and 2750 mm wide axles and dozer blade. A cool box and a radio with USB port provide improved comfort for the operator. The excavator is powered by the proven turbo-charged Deutz TCD 6.1 diesel engine which has a power rating of 105 kW (143 hp).

The 180Wsr wheeled excavator is also shown in the new Tier4 final version. With its short swing radius this strong and versatile machine is ideally suited for operation on narrower construction sites. The TCD 4.1 Deutz diesel engine supplies 115 kW (157 hp) and makes the excavator a true powerhouse. The axles and dozer blade have a width of 2750 mm and give the machine superb stability. The 4500kg counterweight means heavy loads prove no obstacle for this machine. With hose burst protection on the dipper cylinder and the automatic slew breaking system improved safety is also assured.

ATLAS GmbH are specialists in the field of rail-road excavators for rail-track laying and present the new 1404 ZW Kombi version – a standard ATLAS 1404 ZW upper structure equipped with the new special combination undercarriage. The normal track width of this undercarriage is 1435 mm with CARSY track control but it can be easily modified to a track width of 1000 mm with friction wheel drive. Both track widths can be operated with 8-fold tires; this was the main reason for designing the machine. This innovation gives customers the opportunity to use the 1404 ZW Kombi in a flexible and efficient manner. Furthermore, it is possible to use 4-fold tires on both available track widths. In this case the second track roller set for the respective track width matching the machine has to be ordered with the machine. This means this machine can be equipped with four undercarriage versions: CARSY 1435 mm 8-fold tires, friction wheel 1000 mm 8-fold tires, friction wheel 1000 mm 4-fold tires, and friction wheel 1435 mm 4-fold tires. The different slewing radii of the upper structures remain unchanged: 1575 mm, 1700 mm, and 2000 mm. The machine is equipped with a Tier 4 final Deutz engine which has a power rating of 95 KW (130 hp), as well as DPF and AdBlue.

Loader Cranes

Besides the proven models of the loader crane range three new cranes are shown on our demo truck:

The new 66.3E is a 66kN folding crane with up to four hydraulic extensions and a maximum reach of 11.00 m. This coupled with a lifting capacity of up to 2.80 tons means this is a very versatile and agile loader crane. All crane models from the E series come with a comprehensive package of safety and comfort features for more efficient and enjoyable operation, which lets the operator focus on results instead of complex machine operations. The E series has already proven its worth as a reliable work tool with many thousands of operating hours around the globe.

The new 152.3 is a folding crane with up to six extensions and a maximum reach of 16.70 m. The usual wide range of options are available such as additional functions for grab and grab rotate and various stabilizing widths to ensure excellent stability on even the trickiest of truck platforms.
And last but not least the new large construction crane **206 VE** which has a reach of up to 14.30 m and still safely lifts a load of 1160 kg when extended horizontally. At its shortest reach of 2.40 m it is still powerful enough to lift 4800 kg; power that is under control.

ATLAS cranes are available in more than 45 base versions and a great variety of versions with regard to load capacity, reach, and features. With their fuss-free and easily mountable work tools ATLAS offers its customers a technology that impresses with regard to efficiency, comfort, performance, and safety. Of course all machines meet the regulations of the new machinery directive for loader cranes.

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Image 1: 140 W in Tier 4 final design
Image 2:  160 W equipped with completely redesigned upper structure
Panorama view of the new Tier 4 final cab with new operating elements of the “6th generation” electronic control system
Image 4: ATLAS GmbH are specialists in the field of rail-road excavators for rail-track laying (1404 ZW Tier 4 Final)


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