



HEAVY-DUTY MOBILE MACHINES

Larger undercarriages increase stability and performance

Our heavy-duty mobile machines demonstrate just how perfectly the components that make up the Terex® Fuchs modular system match each other. These machines are equipped with the undercarriage from the next larger model range, which is assembled with the use of an adapter ring. This makes it possible to optimize the machines' grab handling characteristics and significantly increase their stability. The advantage of using this combination of components from two different model series? Additional costs for the modification remain low, and the fast procurement of spare parts is guaranteed at all times.



When making goods move quickly is of utmost importance

MHL365

- ▶ **Flexibility and performance combined:** 18 m reach and 186 kW power output, to shift even the heaviest loads – fast.
- ▶ **Covering the ground and taking the load:** An extra large under-carriage (footprint of 6.6 x 5.7 m approx.) to ensure stability.
- ▶ **Getting a grip:** An extensive selection of gripping attachments, such as a 4 m³ clamshell grab and a 20-tonne lifting hook, enable the material handler to be adapted to deal with a wide range of goods.
- ▶ **The harbormaster:** With its optional offset loading configuration, the MHL365 manages quayside conditions – such as varying water levels and differing hull profiles – with the ease of a master.
- ▶ **Useful options:** The machine can be configured with additional features such as a glass floor, all-round Xenon work lights and a variety of loading systems.
- ▶ **Comfort, not complexity:** A high-quality cockpit with joystick control and a clearly arranged multifunctional display, for a more productive day's work.
- ▶ **Efficient under any conditions:** Sophisticated engineering has achieved the perfect balance between power, mechanics and hydraulics. Together with minimal fuel consumption (through intelligent engine management), this maximises goods volumes handled per liter of fuel consumed.

Perfectly equipped for an enormous variety of tasks



MHL380 XL

- ▶ **Enormous range:** A cranked boom enables the machine to cover a working radius of 22 m.
- ▶ **Box seat:** The cab, which is infinitely adjustable both horizontally and vertically, allows for an eye level of up to 8.5 m, providing an ideal view of the entire working area.
- ▶ **The best outlook possible:** Additional cameras on the dipperstick and on the rear end provide an optimum all-around view.
- ▶ **Plenty of power:** With an output of 273 kW and an enormous torque, the 6-cylinder diesel engine provides an abundant power reserve for the 76-tonne material handling machine.
- ▶ **Extra large pads:** The larger stabilizer pads guarantee a high level of stability even under large loads.
- ▶ **Speed and feeling:** Thanks to a high-precision joystick steering system and a sensitive and very responsive high-performance hydraulic system, operating maneuvers can be performed quickly and with perfect precision.
- ▶ **Comfort and safety:** A ladder access system certified by the German Employer's Liability Insurance Association, an ergonomic sliding door on the cab, and a raised handle for opening the maintenance hatch on the cab floor ensure convenient, comfortable, and safe access for operation and maintenance.

100% reliable – whether moving or on stabilizers

MHL365

- ▶ **Getting to grips:** With a 52-tonne operating weight, the loading set-up comprises a 2.5 m³ Arden timber grab on a straight boom with a 16.5 metre working radius.
- ▶ **Gripping power:** A high-torque 6-cylinder-diesel (186 kW), quick-acting, high-efficiency hydraulics and precision hydraulic controls guarantee up to 4 loading cycles per minute.
- ▶ **Exceptional stability and load capacity:** A robust structure and oversize undercarriage make for safe and speedy work, even with the heaviest loads.
- ▶ **Reliability:** Work attachment oil filters fitted to the superstructure prevent dirt particles from entering the hydraulics and damaging the pump, even with frequent work attachment changes.
- ▶ **Staying comfortable and alert:** An ergonomic driver's seat, user-friendly controls arrangement and a clear plain-text display allow fatigue-free work, even on long days in the cab.
- ▶ **With a view to safety:** The cab can be raised and moved forward, providing the operator with a perfect overview of his working area, whether loading, unloading or towing.
- ▶ **Down with down-time:** Each component is designed for the longest possible service interval, reducing maintenance down-time to a minimum.



Dynamic and stable

MHL355

- ▶ **A perfect mix:** The superstructure, powerful 148-kW turbodiesel engine, and equipment are those of the MHL350, providing the machine with a working radius of up to 16 m – all supported by the undercarriage of the next larger model, the MHL360, with a larger stabilization footprint.
- ▶ **Stable while stationary – quickly on the go again:** The machine is perfectly stable even at the limits of its max. load capacity. This makes the unit much more dynamic when used in mobile operations.
- ▶ **Elevated operation:** Upon request, the cab can be raised by 1.0 m with a rigid mechanism. This improves the operator's view when space is tight and when feeding material into high-wall containers.
- ▶ **Sophisticated load management:** In line with the machine's structural characteristics, the intelligent load management system, featuring sensors and an overload shutdown mechanism, increases the load limit within close range considerably.
- ▶ **Making work fun:** The comfort cab, which comes with air condi-



tioning and a back-friendly operator seat as standard, ensures fatigue-free and comfortable operation together with the ergonomic layout of all controls and a high-resolution text display.

- ▶ **Customized standard:** The combination of two standard models for the superstructure and undercarriage means that the use of special-purpose parts is kept to a minimum. This helps ensure efficient maintenance and quick spare parts procurement.



MHL350 HD

- ▶ **Solid base:** The use of a larger undercarriage gives the material handling machine outstanding stability and a remarkable loading capacity.
- ▶ **Optimized for the industry:** The MHL350 HD is equipped with a trailer hitch for timber handling applications. This means it can also be used as a tractor and is able to tow heavy trailers over long distances.
- ▶ **Additional operator comfort:** Travel drive feeding valves and pneumatic instead of solid rubber tires maximize operator comfort.
- ▶ **Variety of attachments:** A variety of attachments for specific uses are available, such as a log grab with a capacity of 2 m².
- ▶ **XXL dimensions:** A reach of up to 16 m, increased load capacities due to the larger undercarriage, and a powerful 148 kW diesel engine establish ideal conditions for a wide variety of applications.
- ▶ **Fast and quiet:** Large loads can be positioned with utmost accuracy and precision without jerking and uncontrolled swinging movements.

The material handling machine that also serves as a towing unit