

The Liebherr Material Handler LH 30 M at the IFAT 2016 Trade Fair

- Operating weight 26.5 to 31.9 tonnes
- Handling, unloading and sorting of materials, packaged goods and bulk cargo
- Powerful machine with compact dimensions
- Service-orientated machine layout for short maintenance times

Munich (Germany), 30 May 2016 – With the LH 30 M material handler, Liebherr is presenting a powerful all-round talent at the IFAT 2016 trade fair. The LH 30, showcased for the first time at Intermat 2015, is available both with a wheeled and tracked undercarriage. The LH 30 M material handler impresses by its versatility in various types of application, such as scrap handling or sorting operations.

The machine on show at the IFAT 2016 is designed for challenging recycling tasks. The configuration includes a straight boom measuring 7.80 m in length and a 6.00 m long industrial dipper arm, as well as a Liebherr five tine grab, type GM 65, with 0.6 m³ capacity and semi-closed tines. Other elements of the machine configuration are the hydraulic cab elevation as well as the 4-point outrigger with individual control. The reversible fan and the large-mesh radiator provide a reliable, sealed unit in the engine compartment for machine operation in environments with heavy dust.

Performance redefined

The diesel engine of the Liebherr LH 30 M material handler is a 4-cylinder inline engine from Liebherr, which complies with emissions standard IV / Tier 4f. Compared with the previous model, it returns 140 kW / 190 HP as opposed to 129 kW / 175 HP.

The increase in engine output means that the system has more torque available for more powerful movements. Furthermore, load peaks are compensated cleverly, meaning maximum torque is available at all times for maximum handling capacity. In combination with the greater pump delivery volume and the closed slewing circuit,

maximum acceleration and the highest level of speed in the working movements are guaranteed.

The new LH 30 M combines intelligent electronics with sensitive hydraulics and ensures precise and finely-controlled work with fast and powerful movements at the same time. The cleverly conceived machine control guarantees optimal adaptation of the hydraulics to the respective use. Speed and power are available whenever they are needed.

Correct investment saves in the long-term

Liebherr relies on state-of-the-art engine technology with intelligent machine controls that optimise the interplay of the drive components in terms of their degree of efficiency. Liebherr-Power Efficiency (LPE) enables machine operation in the area of the lowest specific fuel use for less consumption and greater efficiency with maximum performance. The engine speed was adjusted to 1,700 rpm, which in turn optimises the operating point. Moreover, the enclosed slewing mechanism circuit feeds the braking power back into the system during slowing of the upper-carriage.

When technology provides comfort

The operator cab of the new LH 30 M material handler offers the best conditions for healthy and productive work with high levels of concentration. It was further developed in terms of ergonomics, operating comfort and functionality which offers the driver exceptional comfort thanks to new standard equipment. The foldable left armrest permits easy and safe entry to the cab. In addition the ergonomic joysticks allow the machine operation to be both pleasant and precise.

Captions

Liebherr-material-handler-lh30m.jpg

The LH 30 M material handler provides impressive precision operation with speed and efficiency

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