

New Liebherr Material Handler LH 30 M at the Intermat 2015 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

Paris (France), 20 April 2015 – With the LH 30 M material handler, Liebherr is presenting a powerful all-round talent at the Intermat 2015 trade fair. The LH 30 is available with either a wheeled or crawler 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 Intermat 2015 is designed for challenging recycling tasks. The configuration includes a straight industrial monoblock boom measuring 7.3 m in length and an industrial stick measuring 5.5 m in length. The hydraulic quick coupler with the Liebherr multi-coupling system as well as a Liebherr GM 65-type five tine grab with semi-closed tines and a capacity of 0.6 m³ are among the items displayed at the trade fair. 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. Ergonomic design, outstanding all-round vision and low noise levels represent the highest level of comfort possible.

With the new standard equipment comprising comfort seat, proportional control left and right and joystick steering, the operator's comfort level is boosted further. The steering movement can be conveniently executed using the joystick, eliminating the need to reposition during the work cycle. Abandoning the steering wheel in favour of joystick steering provides additional legroom and a clear view of the working area.

Captions

liebherr-handler-lh30m-01.jpg

The new Liebherr LH 30 M material handler feeding a shredder

liebherr-handler-lh30m-02.jpg

The new Liebherr LH 30 M material handler handling scrap

Contact person

Barbara Specht

Marketing

Phone: +49 7354 80 7525

E-mail: barbara.specht@liebherr.com

Published by

Liebherr-Hydraulikbagger GmbH

Kirchdorf/Iller, Germany

www.liebherr.com