

## **Liebherr presents new LH 35 M Timber material handler at the Ligna 2015 Trade Fair**

- Operating weight 29.6 to 29.9 tonnes
- Timber handling in timber yards, saw mills and pulp mills
- Powerful machine with compact dimensions
- Service-orientated machine layout for short maintenance times

**Hanover (Germany), 11 May 2015 – With the LH 35 M Timber material handler, Liebherr is presenting a powerful all-round talent in timber handling at the Ligna 2015 trade fair. The LH 35 M Timber transport machine represents reliability and a high level of driving comfort. Impressive selling points, particularly in challenging timber handling tasks.**

The machine on show at the Ligna 2015 trade fair is designed for challenging timber handling tasks. The configuration includes a straight 6.5 m long industrial monoblock boom and a 4.0 m long industrial rod as well as a Liebherr type GM 20 B timber grabber with a capacity of 1.7 m<sup>2</sup>. Another element of the machine's configuration is the newly-developed rigid cab elevation. The integrated steps are positioned vertically to each other at an angle of 10° and enable safe and convenient access to the cab. Structural stability and maximum spray protection are also offered by the newly-developed wings made from hot dip galvanised steel with integrated rubber flaps. This protection option offers full functionality irrespective of the direction of travel thanks to the symmetrical design. Furthermore, the product on show is equipped with an EW undercarriage. This 3,300 mm wide undercarriage version offers the highest level of driving stability with large loads for maximum material handling performance.

### **Performance redefined**

The diesel engine of the Liebherr LH 35 M Timber 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 150 kW / 204 HP as opposed to 140 kW / 190 HP.

The increase in engine output means that the system has more torque available for more powerful movements. Moreover, load peaks are skilfully compensated for, meaning that the maximum torque is available at all times for the highest level of material handling performance. In combination with the greater pump delivery rate and the enclosed slewing mechanism circuit, maximum acceleration and the highest level of speed in the working movements are guaranteed.

The optimised drive motor sets new standards in terms of efficient driving operation. The integrated electric swivel angle adjustment provides more torque, maximum acceleration and higher traction. In this way, a consistently high output is available even on uphill gradients. In addition, the standard all-wheel drive ensures high steerability and manoeuvrability while, at the same time, maintaining a high level of driving stability and improved tracking.

The new LH 35 M Timber combines intelligent electronics with sensitive hydraulics and ensures precise and finely-controlled work with simultaneously fast and powerful movements. The cleverly conceived machine control system guarantees optimal adaptation of the hydraulics to the respective use. Speed and strength are there where they are needed.

### **Investing wisely means long-term savings**

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 braking of the uppercarriage.

### **When technology is convenient**

The driver cab of the new LH 35 M Timber transport machine 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 comfort seat, narrow steering wheel for better view, proportional controls on the left and right and actuation of the slewing gear brake via the toggle switch in the right-hand joystick, comfort for the driver is further enhanced. The slewing gear brake can be controlled conveniently via the joystick, which means that reaching around during the work cycle is therefore no longer necessary. When cornering at high speeds, the driver can quickly intervene and prevent the uppercarriage from breaking away.

### **Captions**

liebherr-handler-lh30m-01.jpg

Liebherr LH 35 M Timber Litronic handling logs

liebherr-handler-lh30m-02.jpg

Precise positioning of trunks with the new Liebherr LH 35 M Timber Litronic

### **Contact person**

Barbara Specht

Marketing

Phone: +49 7354 80 7525

E-mail: [barbara.specht@liebherr.com](mailto:barbara.specht@liebherr.com)

### **Published by**

Liebherr-Hydraulikbagger GmbH

Kirchdorf/Iller, Germany

[www.liebherr.com](http://www.liebherr.com)