

New Liebherr Material Handlers at the Conexpo Con/Agg 2014: LH 40 M and LH 60 C

March 2014 – Liebherr is presenting the LH 40 M mobile industrial handler and LH 60 C tracked industrial handler from its new series of material-handling machines at Conexpo Con/Agg 2014 in Las Vegas (USA).

The Liebherr LH 40 M and LH 60 C handling machines combine comfort, performance and reliability to provide customers greater efficiency and low operating costs. They deliver a new level of economy as the result of their high load capacities and superior reach. Specially developed for material handling, both machines also comply with the requirements of Tier 4i / stage IIIB emissions regulations.

High performance at maximum comfort

Efficiency comes standard on the LH 40 M and LH 60 C. Both are equipped with the Liebherr Energy Recovery System (ERC) as standard. The additional hydraulic cylinder helps to increase the handling capacity while reducing fuel consumption. The machine features Liebherr Power Efficiency system (LPE) which optimizes the interaction between the drive components and therefore increases the efficiency and optimizes the engine's power output.

The newly-developed operator cab provides the space and comfort needed to use the full capacity of these machines. The operator's seat comes standard with air suspended seat, a heating system and lumbar support. These features provide maximum comfort for better performance.

Reliable and efficient operation

The diesel engine, hydraulic components, electronic components, slewing ring, slewing drive and steel structure are developed, tested and produced by Liebherr. These high-quality components are designed to provide the longest service life and maximum machine availability. This attention to quality provides superior reliability.

The innovative Liebherr Energy Recovery System reduces fuel consumption by up to 25% while promoting faster and consistent operating cycles for increased handling capacity. The engine's particulate filter allows for compliance with Tier 4i / stage IIIB emissions regulations. Service-based machine design assures quick servicing times, minimizing maintenance costs and down times. These Liebherr-designed systems reduce emissions and operating costs.

Equipment options support versatility

The versatility of Liebherr handling machines is not only demonstrated by its wide range of equipment, but also by the attachments available. The latest generation Liebherr attachments are available for applications such as scrap metal, bulk goods, timber handling, and sorting. These attachments can be easily and conveniently changed in matter of seconds using the optional, fully-automatic quick change system. The operator does not have to leave the cab to exchange attachments. The result is an increase in productivity by up to 30%.

LH 40 M Mobile Industrial Handler

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| Operating Weight: | 83,800 – 85,650 lb (38,000 – 38,850 kg) |
| Engine Output (SAE J1349): | 188 HP / 140 kW |
| Engine Output (ISO 9249): | 190 HP / 140 kW |
| Industrial mono-boom | 28' 3" (8.6 m) |
| Industrial stick | 19' 8" (6.0 m) industrial stick |
| Model GM64 4-tine, Semi-closed grapple | 0.8 yd ³ (0.6 m ³) |
| Energy Recovery Cylinder | |

LH 60 C Tracked Industrial Handler

Operating Weight: 118,050 – 125,000 lb
(53,550 – 56,700 kg)

Engine Output (SAE J1349): 241 HP / 180 kW

Engine Output (ISO 9249): 244 HP / 180 kW

Industrial mono-boom 31' 2" (9.5 m)

Industrial stick 23' 11" (7.3 m)

Model GM69 4-tine,

Semi-closed grapple 1.1 yd³ (0.8 m³)

Energy Recovery Cylinder

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