

Press release

## **At Conexpo 2023: Liebherr material handlers for scrap handling**

- The LH 30 M and the LH 60 M Industry Litronic are presented at Conexpo 2023
- Reliability from the start, designed with components manufactured in-house by Liebherr
- Purposed-built for scrap handling applications

With the two material handling machines LH 30 M and LH 60 M Industry Litronic, Liebherr is presenting two models specifically designed for scrap handling at Conexpo. The handling of scrap steel and other metals is one of the toughest applications in industrial material handling. When it comes to material handling, especially when loading and unloading trucks and ships, loading shredder conveyors or sorting out different kinds of metals, robust, reliable, high-performance and economical material handlers are required.

Las Vegas, NV (USA), March 14, 2023 – Liebherr rises to these challenges by producing machines designed for the toughest requirements. These machines are extremely efficient and economical due to in-house Liebherr components. Components are specifically developed to meet the application requirements, making Liebherr material handlers optimally prepared for every working situation. In-house parts and components such as injection systems, hydraulic cylinders and electronics are tailored to match each other, contributing to increased efficiency.

### **Redefined performance: The material handler LH 30 M Industry Litronic**

The powerful LH 30 M Industry Litronic with an operating weight between 58,400 – 64,200 lb (26.500 – 29.100 kg) features versatility and demonstrates maximum handling capacity in all applications. The optimally designed engine power of 190 hp / 140 kW also allows for high torque for powerful and fast movements.

The separate hydraulic pump in the closed slewing circuit only supplies hydraulic fluid to the swing mechanism. The maximum delivery volume is therefore always available for swiveling the uppercarriage, making fast and overlapping movements.

The substantial cooler with large mesh guarantees excellent cooling of the machine at full power, ensuring a longer service life.

## **Quality in every detail: The material handler LH 60 M Industry Litronic**

With an operating weight between 121,300 - 134,500 lbs (55.000 – 61.000 kg), and an engine output of 258 hp / 190 kW, the LH 60 M Industry Litronic is designed for heavy-duty scrap handling.

The hydraulic cab elevation, which can be adjusted for different loading situations, gives the operator an optimal view of the working area. Cameras are installed as standard to allow optimal monitoring of the rear and sides of the machine, increasing work safety. The perfect overview provides a feeling of security and ensures safe handling of the machine at all times.

Wide non-slip steps, gangways and platforms allow easy access to all maintenance points and ensure safe entry and exit. In combination with the foldable left arm console, entry and exit into and from the operator's cab is particularly convenient. Equipment such as cab protective grid, impact-resistant laminated safety glass and piston rod protection for cylinders are specifically developed for the use in scrap handling and guarantee maximum reliability in the toughest conditions. The material handling machine is equipped with the patented Liebherr ERC System (energy recovery system), that gives the machine a boost in terms of performance and saves fuel. This results in significantly greater material handling performance as well as improved machine economy.

## **The right solution for every application: Equipment, attachments and quick coupling systems**

The two material handlers offer a diverse range of equipment and are optimally configured for the application.

To increase machine productivity in industrial and material handling applications, Liebherr offers a broad selection of attachments such as special multi-tine grapples for many different applications.

The Liebherr quick coupling system available as an option, increases the utilization of the machines by up to 30%. With the fully automatic quick coupling system Solidlink, attachments can be exchanged easily and conveniently from the operator's cab at the touch of a button. It connects the machine and attachments quickly and safely to form a powerful unit.

### **About Liebherr USA, Co.**

Liebherr USA, Co. based in Newport News, VA provides sales and service on behalf of ten different Liebherr product segments: earthmoving, material handling, mining, mobile and crawler cranes, tower cranes, concrete technology, deep foundation machines, maritime cranes; components, and refrigeration and freezing.

### **About the Liebherr Group**

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 140 companies across all continents. In 2021, it employed more than 49,000 staff and achieved combined revenues of over 11.6 billion euros. Liebherr was founded in Kirchdorf an der Iller in Southern Germany in 1949. Since then, the employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

## Images



liebherr-lh-30m-industry-litronic.jpg

The high-performance of the LH 30 M Industry Litronic is demonstrated through its handling capabilities in various applications.



liebherr-lh-60m-industry-litronic.jpg

The LH 60 M Industry Litronic is designed for heavy-duty scrap handling.

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