

Press release

38Z4 XXT truck mounted concrete pump from Liebherr: classic and practical

- **Offers a 4-part distribution boom in a practical Z-fold configuration**
- **Unique Liebherr Powerbloc drive unit**
- **Semi-closed hydraulic circuit offers a multitude of benefits**

Innovative technologies have been combined in the 38Z4 XXT truck mounted concrete pump, offering a 4-part distribution folding boom with the Powerbloc drive unit and the semi-closed oil circuit.

Newport News, VA (USA), January 23, 2024 – The 38 XXT offers a 4-part distribution boom in a practical Z-fold making it easy to handle while providing a very long reach for the 30 m class. This model comes standard with XXT-outriggers and a XXA stability assistance system. The pivoting XXT support is very flexible when supporting in tight spaces, and the new XXA stability assistance system allows the concrete pump to be electronically monitored. The concrete pump is also equipped with the latest drive unit, powerbloc. This unit does not require a separate control block, as all hydraulic switching and measuring elements are integrated.

The XXT support ensures perfect stability. It shows its strengths particularly when it comes to narrow supports, so confined spaces are no problem. The modern radio remote control allows precise boom movement. The clear color display shows operators all important parameters.

The design and kinematics of the boom ensure low vibration while pumping. The shape of the charging hopper favors a uniform flow of concrete and exceptionally good material cylinder fill performance. Separately driven agitators push the concrete directly into the suction area, which works perfectly even with concrete types that are difficult to pump.

Unique Powerbloc drive unit

A major highlight of the new 38 XXT is Liebherr's newly developed "Powerbloc" pump drive unit. It is characterized by the fact that all hydraulic switching and measuring elements are fully integrated. This eliminates the need for numerous hydraulic hoses and other components previously required. The drive unit is therefore a special kind in the concrete pump world. Features of the new system are its robustness, high performance, efficiency, and quiet running.

Semi-closed oil circuit (HCC)

The new drive unit combined with the highly efficient semi-closed oil circuit, results in strong pumping performance with various mix designs. As a result, the oil volume could be significantly reduced. The new Liebherr system combines the advantages of the proven open and closed circuits currently on the

market, without their respective disadvantages. Customers confirm the quiet and powerful operation of the pump unit.

Thanks to the extensive accessories catalogue, no wishes remain unfulfilled for the customer: For example, state-of-the-art LED lighting designs for optimal work in the dark, various storage boxes for materials and tools as well as shelves for extension hoses are available.

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

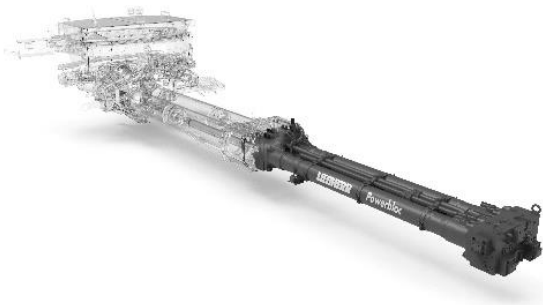
The [Liebherr Group](#) is a family-run technology company with a highly diversified product portfolio. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr 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-pump-38-XXT.jpg

The 38 XXT offers a 4-part distribution boom in a practical Z-fold making it easy to handle and offers a very long reach.



liebherr-powerbloc.jpg

The powerful Powerbloc pumping unit stands out with its quiet running.

Contact

Ana Cabiedes
Head of Marketing
Liebherr USA, Co
E-Mail: ana.cabiedes@liebherr.com

Klaus Eckert
Telephone: +49 7583 949-328
E-mail: klaus.eckert@liebherr.com

Published by

Liebherr-Mischtechnik GmbH
Bad Schussenried / Germany
www.liebherr.com