

Press release

Liebherr on show at Bauma 2025; the new PR 776 Generation 8 Crawler Dozer

- The Liebherr PR 776 Generation 8 (G8) Crawler Dozer sets new standards in efficiency due to the proven hydrostatic drive.
- Using Liebherr Connect, the 70-tonne PR 776 G8 can also be controlled remotely via teleoperation with the Liebherr Remote Control (LiReCon). This enables a further increase in safety, efficiency and operating comfort.

At Bauma 2025, Liebherr is presenting its flagship mining dozer, the eighth generation PR 776 Crawler Dozer, fully equipped for the demands of mining and quarrying operations. Together with the new PR 766 G8 and the smaller PR 756 G8 launched at the beginning of 2021, Liebherr is expanding its comprehensive range of state-of-the-art mining dozers.

Munich (Germany), February 18, 2025 – With an average fuel consumption of 38 litres per hour, Liebherr is setting new standards for cost-effective materials handling in the mining sector with its flagship, the eighth generation PR 776 Crawler Dozer. The new assistance systems, now available for these machines, improve efficient and user-friendly operation.

Liebherr OAS – Operator Assistance Systems

The new 70-tonne PR 776 Generation 8 is now equipped with advanced Operator Assistance Systems (OAS), which were previously only available on smaller models. The Assistance Systems offer two levels of driver support: Free Grade for active Blade Stabilisation during fine grading and Definition Grade for automatic blade positioning when creating 2D graded surfaces. With the new Auto Blade Pitch Assistance System, the driver can save and then call up three blade positions at the touch of a button. Position 1 offers perfect penetration characteristics, position 2 allows optimum material transport and position 3 facilitates quick emptying of the blade at the end of the dozer push section. The advanced Operator Assistance Systems of the PR 776 G8 not only increase efficiency and operating comfort, they also raise productivity.

Reliability: tough components produced in-house

For decades, Liebherr diesel engines have proven themselves world-wide in construction machinery. Developed for the harshest operating conditions, their robust build and state-of-art technology assure maximum operational safety and long service life. Liebherr's well-known hydrostatic drive system

eliminates high-wear components, such as gearboxes, steering clutches or service brakes. The high-quality hydraulic pumps and motors operate almost entirely without mechanical wear and offer exceptional reliability. Liebherr offers for its Crawler Dozers a wide range of factory-fitted, field-tested equipment packages for various ambient temperatures - from desert operation to extreme cold conditions.

Easy maintenance

Optimum access for servicing and extended maintenance intervals are the main features of the PR 776 from Liebherr. Centralised maintenance points, wide-opening access hatches and engine compartment doors, a standard tilting driver's cab and an optional cooling fan that can be swung out for cleaning, facilitate quick maintenance access and easy servicing for the new Crawler Dozer. The new eighth generation Crawler Dozer is also noted for the particularly long change intervals for hydraulic fluid and engine oil. When using Liebherr Plus oils, these intervals, depending on application and with regular checks, can extend up to 8,000 operating hours.

Maximum driver comfort - as standard

Liebherr mining dozers offer first-class cabin comfort. Drivers appreciate the comfort and ease of operation using a single joystick for all driving and steering movements. Safety has also been increased due to the unrestricted 360-degree all-round view of the blade and ripper, afforded by large panoramic windows and the integrated ROPS/FOPS grille in the cabin structure.

Future-proof with the Liebherr LiReCon teleoperation system

In a working environment that places high demands on man and machine, the Liebherr Remote Control System (LiReCon) increases safety, comfort and productivity. The system is suitable for all applications of Crawler Dozers. It consists of the Liebherr Remote Control teleoperation stand. This includes a state-of-the-art operator station, together with all the necessary switching elements and on-board installations on the Crawler Dozer, such as, various cameras with different angles and views, microphones for recording machine noise, and radio receivers and transmitters.

LiReCon facilitates quick end-of-shift changeover between operators and consequently reduces idle and downtime. As the operator is no longer tied to the machine, it allows customers to extend operation to new mining areas in hazardous zones, thus expanding the application scope for Liebherr Mining Crawler Dozers.

Liebherr-Werk Telfs GmbH

Liebherr-Werk Telfs GmbH has been developing and producing an ever-growing range of construction machines with hydrostatic drives since 1976. At the same time, the company has been able to draw on the many years of experience of the Liebherr Group with this type of drive. Whether it's Crawler Dozers or Loaders, Telescopic Handlers or Pipe Layers – construction machinery from Telfs is consistently designed for the highest efficiency and cost effectiveness. The focus is on increasing efficiency and reducing fuel consumption and CO₂ emissions. The latest computer-aided technology is applied both in development and production: from initial design engineering to the application of welding robots and computer-aided quality assurance.

The Liebherr Group

The Liebherr Group is a high technology company, in family ownership, with a diversified portfolio of products. The company is one of the largest construction machinery manufacturers in the world. But it also offers a range of high quality, high customer benefit products and services in many other areas. The Group currently consists of more than 150 companies across all continents. In 2023, it employed more than 50,000 people and generated a consolidated sales turnover of over €14 bn. Liebherr was founded by Hans Liebherr in 1949, in Kirchdorf an der Iller in southern Germany. From inception, the goal of the employees has been to delight their customers through novel contribution to technological progress and advanced technology solutions.

Picture



liebherr-PR776G8-7.jpg

Designed for exceptional efficiency: the new 70-ton Liebherr PR 776 G8 Crawler Dozer.

Contact

Alexander Katrycz

Head of Marketing

Telephone: +43 (0) 5809-61416

E-Mail: alexander.katrycz@liebherr.com

Published by

Liebherr-Werk Telfs GmbH

Telfs / Austria

www.liebherr.com