

Liebherr showcases special machines for quarry operations at Steinexpo 2017

- Live demonstration with mining excavators and earthmoving machines
- Six earthmoving machines at the stand in demo area B1

Biberach / Riss (Germany), 26 July 2017 – Liebherr is represented at the 10th Steinexpo 2017, the International Demonstration Show for the Construction Materials Industry, both with an exhibition stand and with machines in the demonstration area. From August 30 to September 2, in Homberg/Nieder-Ofleiden Liebherr presents special machines such as mining excavators, crawler tractors, and other machines for use in quarries.

At this year's Steinexpo the construction equipment manufacturer showcases the A 924 Litronic wheeled excavator with the new concept with which the requirements of exhaust emissions stage IV / tier 4f are fulfilled. The machine has an operating weight from 21.5 to 26.5 tonnes and an engine power of 140 kW / 190 hp. The A 924 Heavy Lift Litronic is the largest wheeled excavator built by Liebherr in series production. The wheeled excavator has an operating weight from 26.5 to 28.0 tonnes and an engine power of 160 kW / 217 hp.

The machine on display has a 2750 mm wide undercarriage with dozer blade at the rear and has a heavy counterweight which allows higher lift capacities. The equipment includes a 5.80 m long adjustable boom with central lubrication and a 2.65 m dipper arm with the Liebherr SWA 48 quick coupler system with LIKUFIX, as well as a SG 30B stone tongs with a capacity of 0.85 m³. The PowerLift option also included in the configuration ensures higher lift capacities in the immediate vicinity of the machine and thus increased productivity.

Efficient thanks to the compatible tool attachment/implement

The SG 30B stone tongs is a special version of the sorter grab for the safe and efficient movement of large stones and blocks of stones. Here Liebherr also uses a very high proportion of components produced in-house. The large slewing ring and the massive hydraulic cylinder, as well as the inner hydraulic lines for attachment with LIKUFIX, ensure a longer service life of the tool attachment/implement. The buckets are secured

to the mounting with Passfix bolts. The sealed and play-free bearings guarantee high reliability.

Liebherr L 580 XPower wheel loader®

Liebherr also showcases the L 580 XPower® wheel loader at the exhibition. XPower® is an integrated, innovative machine concept for the large wheel loaders from Liebherr, which sets new standards in terms of fuel efficiency, robustness, and comfort.

Liebherr invested in the stability of the new large wheel loaders in order to prepare them for the tough conditions in the mining industry. The power-split XPower travel drive stands for robustness as the power is delivered by the interaction of two drive paths. The load is distributed to two drive paths and the components have a significantly longer service life.

Furthermore, each XPower wheel loader has stronger axles compared to the predecessor generation. In some cases even the axles of the next model up. Besides the axles, Liebherr has strengthened other core components such as the hydraulic cylinder. This way Liebherr guarantees the consistently high performance and reliability of the XPower wheel loader.

The Liebherr R 980 SME crawler excavator: Reliability and productivity

The R 980 SME crawler excavator is ideal for heavy-duty applications and high loads in quarrying or earthmoving. The reinforced undercarriage ensures maximum robustness and longer durability of the machine, among other things. The R 980 SME is the largest crawler excavator developed and produced by Liebherr-France SAS in Colmar and is equipped with the undercarriage of the next model up, the mining excavator R 9100. The cast version of the sprocket wheel with twin gearing, as well as the double carrier rollers, increase the resistance of the undercarriage, thus making the machine very reliable in use. The two angled bars of the track pads ensure excellent maneuverability of the crawler excavator with superb robustness, also on rough terrain.

As part of the upgrade of the entire Liebherr crawler excavator range in 2016, the R 980 SME was equipped with a new engine which now delivers a power output of 420 kW / 571 hp. Thanks to the new engine with Liebherr SCR technology (selective catalytic reduction), the crawler excavator conforms to exhaust emissions stage IV / tier

4 final and without having a diesel particulate filter installed. As a result, both the maintenance time and maintenance costs are reduced for the customer.

Captions

liebherr-mobile-excavator-a924.jpg

Powerful and economic: The Liebherr A 924 Litronic wheeled excavator

liebherr-stone-tongs-sg-30b.jpg

The Liebherr SG 30B stone tongs impresses with the perfect combination of stability and lightweight design for increasing the load bearing capacity with low fuel consumption

liebherr-wheel-loader-l-580-xpower.jpg

Liebherr showcases the robust and powerful L 580 XPower® wheel loader at Steinexpo.

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