

Liebherr presents its new generation of Compact and Stereo Loaders at the GaLaBau 2014 trade fair

- Premiere for Compact Loader and Stereo Loader stage IIIB / Tier 4i at the fair
- Compact Loader L 506: Productivity and safety ideal for municipal use
- Stereo Loader L 509 Speeder: New generation engine with more power

Bischofshofen (Austria), September 2014 – Liebherr is presenting its new stage IIIB / Tier 4i generation of Compact and Stereo Loaders at the GaLaBau trade fair, exhibiting a L 506 Compact Loader and a L 509 Speeder Loader.

The new-generation of diesel engines are now even more environmentally friendly, with many other improvements, too: precision common-rail fuel injection optimises the combustion process and reduces pollutant emissions in combination with a diesel particel filter.

Liebherr Compact Loader L 506: Ease of operation enhances safety

The L 506 Compact Loader on display at the GaLaBau 2014 weighs in at 5,490 kg. The machine is equipped with a 4 in 1 bucket measuring 0.7 m³, achieving a tipping load of 3,100 kg. Fitted with a 4-cylinder diesel engine, the Compact Loader delivers 46 kW / 63 HP.

The driver's cab is comfortably equipped, with an above-average window area. The operator of the Compact Loader has an unobstructed view of the power tools or working attachments. The well-positioned rear and side mirrors provide good all-round visibility. The conical-pattern lifting gear improves visibility even further; the driver can react quickly to any situation arising close to the machine. This guarantees maximum possible protection for people in the vicinity, the equipment and the load.

The ease of operation enhances both productivity and safety. The operator can concentrate fully on the task in hand and devote full attention to working and manoeuvring movements.

The Compact Loader's reduced height of less than 2,500 mm automatically lowers its centre of gravity. Its tipping load limit and stability, even on uneven surfaces – are higher. The well-matched relationship between operating weight and tipping load is another productivity bonus for these machines.

Thanks to its low headroom, the Liebherr Compact Loader can easily reach its working location even if access is restricted by tunnels or underpasses. It can also be carried without difficulty on tipper vehicles or in a high-cube container. If moved on a conventional transport vehicle, the maximum height does not exceed 4 metres. Parallel movement of the working equipment is the key to exceptionally fast and precise work: If a fork is fitted, a payload of more than two tonnes is available.

Liebherr L 509 Stereo Loader: High payloads, exceptional maneuverability

Throughout the range of the new Stereo Loaders, performance data such as tipping loads and power hydraulic ratings have been raised. The unique steering system of the Liebherr Stereo Loader gives the machine exceptional maneuverability. The Stereolader steering geometry combines a centre pivot with a steered rear axle. The turning circle is as much as 20 % less than comparable vehicles in the same size class. At the same time the steering system reduces the pivot angle to just 30°, which increases the stability and enables the machine to transport exceptionally high payloads.

The unique combination of oscillating centre pivot and swing axles reduces the maximum cab tilt angle of 12° by half. This means greater operator safety and comfort when driving on gradients.

The L 509 Stereo Speeder exhibited at the GaLaBau is equipped with a fork carrier with forks. The machine weighs in at 6,390 kg and achieves a tipping load of 4,430 kg. The Stereo Loader is driven by a 4-cylinder diesel engine and delivers 54 kW / 73 HP. The L 509 Stereo Speeder can achieve speeds of up to 30 km/h that makes the machine suitable for long distances.

For the Liebherr Stereo Loaders L 507 and L 509 stage IIIB / Tier 4i a High Flow-hydraulic system is available. This option enables the machines to work with more powerful attachments as often used in horticultural and landscape construction.

Picture captions

liebherr-compact-loader-l506-300dpi.jpg

The new Liebherr Compact Loader used in municipal use

liebherr-stereo-loader-l509-speeder-300dpi.jpg

The new Liebherr Stereo L 509 Speeder with fork

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