

HTM 905 truck mixer

Cost-effective concrete transport



LIEBHERR

HTM 905

The new generation of truck mixer

- LICRO 500 drum steel quality for a long service life
- Higher payload thanks to lower unladen weight
- New oil cooler unit with capacity reserves
- Different stowage options upon request
- Flexibility due to new platform concept



More innovation, more benefits

In the development of the new generation of truck mixer from Liebherr, emphasis was placed on safety, ergonomics and cost effectiveness. The greater customer benefits are primarily realised in a higher payload, lower cost of cleaning and superb handling.



- Increased water capacity
- Wide roller bearing for good driving stability
- Easy to clean due to large flat surfaces
- Excellent ergonomics for the operator
- Single wheel mudguard made of plastic

Safety

Greater safety during operation due to:

- Litronic-EMC (option)
- Placement of items in stowage boxes (option)
- Excellent driving stability

Ergonomics

- Especially user-friendly design of the ascent and all control units
- Smooth surfaces without projecting edges for ease of cleaning

Cost-effectiveness

- Lower weight for a higher payload
- Durable components and short cleaning times increase cost effectiveness

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Greater cost effectiveness



LICRO 500 drum material

Newly developed special steel with extremely hard components (titanium carbonitrides) and an optimised chrome content ensure a long drum service life – and thus low maintenance and repair costs. Specially developed for applications in the truck mixer exclusively for Liebherr.



Electronic mixer control

The optional Litronic-EMC mixer control allows demand-based control of the diesel engine speed and torque. This ensures significant savings in fuel and less wear on the drive train. Thanks to the “Constant Speed Drive” function, the service life of the drum is extended due to reduction of the drum revolutions during each tour.

Advantages of the Litronic-EMC

- Lower fuel consumption
- Longer service life of the drive train
- Less wear of the drum
- Better driving behaviour when the drum is loaded
- Intuitive and convenient one-hand operation

Increased water capacity

Due to the increased water capacity, even better safety and reserves when transporting liquid consistencies.

Telematics functions

The telematics package (option) ensures greater cost effectiveness in the fleet and cost savings due to efficient vehicle planning.

Greater payload

Weight of the basic unit reduced by approx. 250 kg, taking service life and reliability into account.



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Versatile and user-friendly



Concrete discharge parts

Position of the swivelling chute shifted upwards by 80 mm for better flowing angle when discharging concrete into a crane bucket, for example.



Ladder platform

Ladder platform enlarged and ergonomically revised with sliding ladder (lightweight ladder section made of aluminium).



Swivelling support bracket

The swivelling support bracket (option) can be slewed completely to the side, without protruding beyond the outer dimensions of the vehicle.





Innovative accessories concept

The innovative platform solution allows flexible and safe installation of accessories and attachment parts. All requirements are met in the positioning of toolboxes, holders, chutes, etc.

Advantages of the platform concept

- Simple and flexible installation of stowage boxes
- Easier handling of the extension chutes
- Protected cable routing in the profile of the platform
- Water filler pipes conveniently and ergonomically positioned
- Subsequent attachment of options also possible

Operation system

All important operating elements are ergonomically grouped to the side and rear outside of the direct hazard zone.

Single wheel mudguard

Single wheel mudguards made of durable plastic are resistant and provide better spray protection.

New oil cooler unit

- Greater cooling capacity, infinitely variable controlled fan speed and smooth start
- Low noise emission



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Technology that inspires



Technical data

Nominal filling¹	9 m ³
Water capacity	10,5 m ³
Geometric drum capacity	16,0 m ³
Clearance height without frame²	2.544 mm
Hopper filling height without frame²	2.519 mm
Assembly weight³ Standard	3.780 kg
Assembly weight³ Lightweight	3.320 kg
Assembly weight³ Super-Lightweight	3.220 kg

¹ Nominal filling in compacted mixed concrete.

² Frame height between 100 and 180 mm depending on chassis.

³ Weight details for basic unit with chassis power take-off (PTO), incl. 2 extension chutes, compl. assembled/ready for operation in accordance with DIN 70020, deviations +/- 5%.

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