

Truck mixer generation 05

Cost-effective concrete transport



LIEBHERR

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

Flexibility due to
new platform concept

Different stowage
options upon request



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

Greater cost effectiveness



LICRO 500 drum material

Newly developed special steel with extremely hard components (titanium carbonitrides) and an optimised chromium 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.



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 (option)
- Low noise emission



The innovative truck mixer conveyor LTB





The Liebherr LTB conveyor can be attached to or removed from the truck mixer in a matter of minutes. This too makes its operation even more costeffective. Its closed structural elements and panels make the conveyor easy to clean quickly too.

Ready for use in just a few minutes

The Liebherr LTB conveyor is ready for use in a matter of minutes and cuts cost by speeding up the discharge process.

Any material delivered to any point

You can use the Liebherr LTB conveyor to deliver all kinds of construction materials to precisely the required point.

Well-proven, reliable technical design

Its mechanical, hydraulic and control-system components have been designed for reliable operation and long life.



Satisfied customers all over the world





Technology that inspires



Technical data

Type	HTM 705	HTM 805	HTM 905	HTM 1005	HTM 1205
Nominal filling ¹	7 m ³	8 m ³	9 m ³	10 m ³	12 m ³
Water capacity ²	8.4 m ³	9.3 m ³	10.5 m ³	11.3 m ³	13.3 m ³
Geometric drum capacity	13.2 m ³	14.8 m ³	16.0 m ³	17.2 m ³	20.4 m ³
Clearance height without frame	2,484 mm	2,488 mm	2,544 mm	2,600 mm	2,617 mm
Hopper filling height without frame	2,448 mm	2,464 mm	2,519 mm	2,576 mm	2,570 mm
Assembly weight ³ Standard	3,385 kg	3,650 kg	3,780 kg	3,890 kg	4,440 kg
Assembly weight ³ Lightweight	3,095 kg	3,235 kg	3,320 kg	3,495 kg	4,030 kg

¹ Nominal filling in compacted mixed concrete.

² Measured in accordance with DIN 459-1 at min. 2 drum rotations per minute. The given values for capacity and water volume only apply to a horizontally aligned mixer frame. A deflection of the frame during loading is not taken into account here and may negatively affect the water volume under certain circumstances. The real maximum filling capacity with concrete depends on the consistency and the rheological characteristics of the concrete. The topology of the road and the driveability also influence the maximum loading volume.

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

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