

0% Emissions - 100% Performance

Electric truck mixers



LIEBHERR

Truck mixers (Plug-in Hybrid)

ETM Series

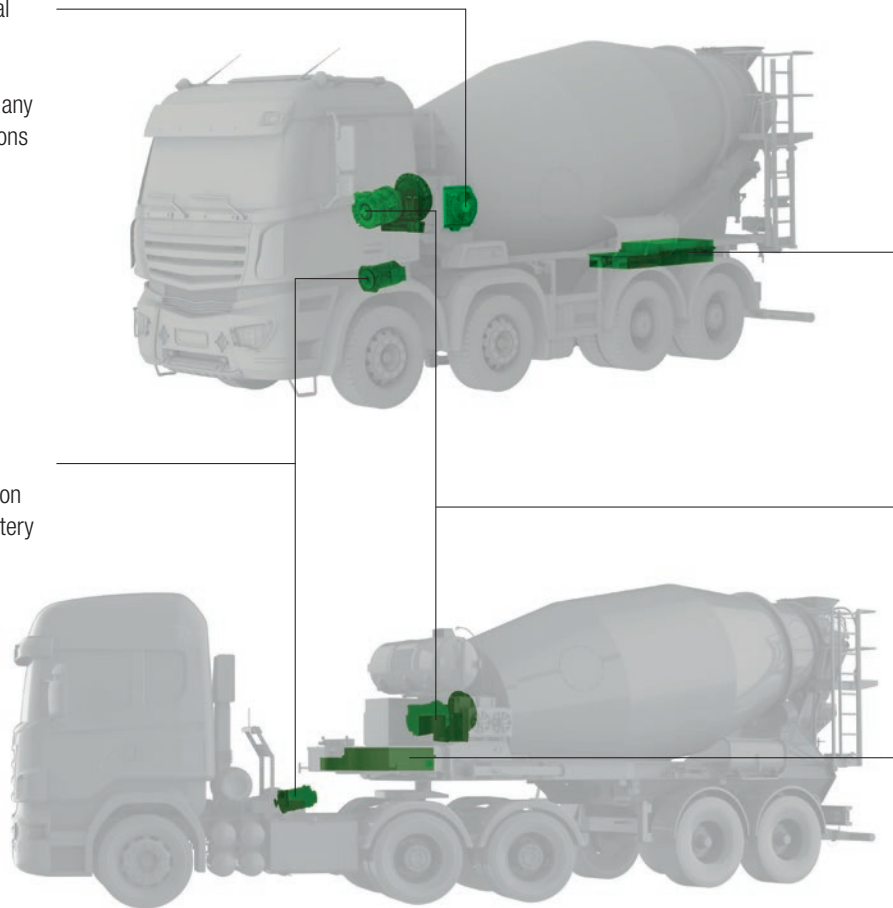
0% Emissions - 100% Performance

Time to turn green - the plug-in hybrid truck mixer range

- Free of local emissions thanks to the electric mixing drum drive
- Significant reduction in the fuel consumption and noise level
- Battery capacity with backup for a whole working day
- All types of concrete (F1-F6) can be mixed and transported
- Full flexibility: can be combined with all drive types (trucks with a diesel, gas, hybrid or electric drive)

- Effective thermal management ensures top performance in any weather conditions

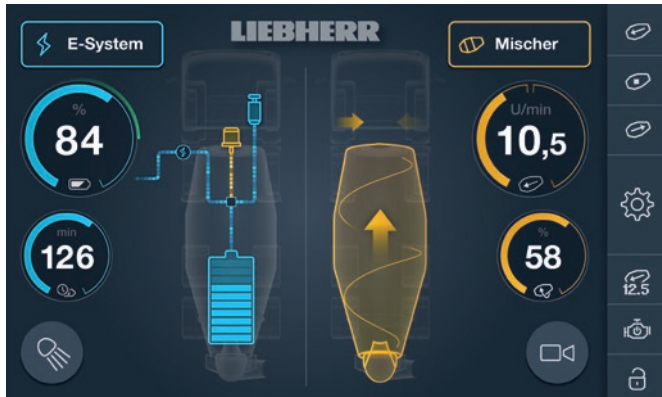
- Generator with a booster function charges the battery whilst driving



- Battery placement in an auxiliary frame – ideal for the axle load distribution

- Electric mixing drum drive, compact and powerful

- Battery optimised for a long service life at a low weight



Ease of use

The innovative user touch screen enables the driver to have full control of the drive system at all times. The display provides all important information at a glance and impresses with its clear and modern graphics. For example, it displays the remaining battery life or the energy flow between the generator, battery and mixing drum drive. Menu navigation adjustable in different languages.

Electric drive

The newly developed combination of an electric motor and a mixer gearbox offer a peak power of 120 kW, which can power drum sizes up to 12 m³.

External charging

The empty battery can be recharged in less than an hour thanks to the built-in 22 kW charger. It only requires a 400 V / 32 A power connection type 2.

Additional display at the rear

All important operating data, such as the battery charge level, is also clear to read at the rear of the truck.



Technical data

ETM Series



ETM 1004 T

Type	ETM 705	ETM 805	ETM 905	ETM 1005	ETM 1205	ETM 1004 T
Nominal filling ¹	7 m ³	8 m ³	9 m ³	10 m ³	12 m ³	10 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	11,05 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	17,64 m ³
Mixer assembly weight ³	3.910 kg	4.050 kg	4.135 kg	4.310 kg	4.845 kg	7.830 kg
Drive power	125 kW peak power / 60 kW continuous power					
Battery capacity	32 kWh					
Operating voltage	650 Volt DC					

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 specification for a "Lightweight" mixer assembly (for an ETM 1004 T incl. trailer), incl. batteries, incl. 2 extension chutes, completely assembled/ready for operation, deviations +/- 5%.

Liebherr-Mischtechnik GmbH

Postfach 145, 88423 Bad Schussenried / Germany
 Tel: +49 7583 949-0, Fax: +49 7583 949-396
 www.liebherr.com, E-Mail: info.lmt@liebherr.com