

Concrete Mixer Truck CTM8

The concrete mixer truck transports concrete or mortar that has been stirred in a concrete mixer to construction sites. The mixing tank of the concrete mixer truck can be rotated and adjusted, ensuring the concrete is transported to the maximum.



ADDITIONAL IMAGES



Overview



The CTM8 in operation at a large-scale commercial construction site.

High-Efficiency Concrete Transportation

The CTM8 is a robust concrete truck mixer designed to transport concrete or mortar while maintaining optimal workability through a rotating and adjustable mixing tank. It features double logarithmic variable pitch helical blades to ensure homogeneous mixing and prevent aggregate settlement during transit. Built with high-strength, wear-resistant steel and world-class hydraulic components, this mixer is engineered for the demanding requirements of commercial mixing stations and large-scale construction projects.

Performance Metrics

Key Performance Metrics

11.8 m³ Geometric Drum Volume	336 HP Engine Power	25000 kg Rated Loading Capacity	90 km/h Maximum Speed
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Mixing System



Advanced processing equipment ensures the structural integrity and precision of the mixing drum.

Mixing Drum Specifications

Feature	Specification
Material	Q345B High-strength Steel
Slump Range	50-210 mm
Inclination Angle	16°
Feeding Speed	$e3m^3/min$
Discharging Speed	>1 m ³ /min
Mixing Speed	0-14 r/min
Residual Rate	<0.2%

Blade Technology

- Double logarithmic variable pitch helical mixer blades
- T-shape hard-wearing alloy steel protection
- Wear-resistant steel extending service life by 60%-80%
- Optimized design to eliminate segregation

Chassis & Engine

Engine & Drive

Parameter	Value
Driving Type	6X4
Engine Model	WD615.69 Diesel
Displacement	9726 ml
Emission Standard	Euro 2
Wheel Base	3625+1350 mm
Curb Weight	9800 kg

Hydraulic & Water Systems

Water System Details

Component	Value
Water Tank Capacity	240 L
Water Supply Pressure	0.3 mpa
Washing Outlets	Multi-outlet design for drum and hoppers

Hydraulic Components

Rexroth Pump, Rexroth Motor, ZF Reducer, Pneumatic Water Supply

Dimensions & Design

Physical Dimensions

- Overall Dimensions: 9000 x 2500 x 3945 mm
- Drum Length: 4550 mm
- Max External Drum Diameter: 2025 mm
- Hopper Height: 2816 mm

Compliance & Quality

Quality Standards

ISO 9001:2015 • CE Certified • Euro 2