

# Concrete Truck Mixer with 12 Cubic Meter Drum

This concrete truck mixer is designed for efficient concrete transportation and mixing. Its high-capacity mixing drum ensures thorough mixing and consistent concrete quality.



## Overview



The CTM12 features a high-capacity mixing drum and a reinforced chassis for stable transport.

### High-Capacity Concrete Transport Solution

The CTM12 is a heavy-duty concrete truck mixer designed for large-scale construction projects and commercial mixing stations. Featuring a 12 cubic meter capacity and a robust 8x4 chassis, it ensures efficient delivery of high-quality concrete while maintaining optimal workability. The system is engineered with wear-resistant materials and world-class hydraulic components to provide reliable performance in demanding environments.

## Performance Metrics



Proven performance in large-scale infrastructure and commercial concrete projects.

### Key Performance Metrics

<b>12 m<sup>3</sup></b> Mixing Capacity	<b>371 HP</b> Engine Power	<b>31000 kg</b> Rated Loading	<b>18.4 m<sup>3</sup></b> Geometric Volume
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## Mixing System

### Mixing Drum Specifications

Feature	Specification
Drum Material	Q345B Wear-resistant Steel
Max External Diameter	2342 mm
Drum Length	6322 mm
Inclination Angle	12°
Mixing Speed	0-14 r/min
Feeding Speed	e3m <sup>3</sup> /min
Discharging Speed	>1 m <sup>3</sup> /min
Residual Rate	<0.2%

## Chassis & Engine

### Chassis & Engine Details

- Driving Type: 8x4
- Engine Model: WD615.47 Diesel
- Displacement: 9726 ml
- Emission Standard: Euro 2
- Max Speed: 90 km/h
- Wheel Base: 1800+3200+1350 mm
- Curb Weight: 11000 kg

## Technical Features

### Advanced Features

- Double logarithmic variable pitch helical mixer blades for segregation-free mixing
- Hard-wearing alloy steel T-shape blades for extended service life
- Pneumatic water supply system with 450L tank capacity
- Shot-blasting steel surface treatment with airless paint coating
- High-performance hydraulic components (Pump, Motor, Reducer)

## Standards & Compliance

Certifications	ISO 9001:2015, CE Certified, GB/T19001-2016
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## Operational Dimensions

Overall Dimensions	10611 x 2500 x 3990 mm
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