



Application:

Concrete mixer trucks, or transit mixers, are used to mix and transport ready-mix concrete from the batch plant to the job site. Wherever concrete is produced and moved, concrete mixer loaders are employed. Our self-loading mixer is rough terrain machine which can be operated by one person. The automatic feeding mixer truck comes with electronic weight batching and has a typical concrete output of 14 CBM/hour.

Features:

95kW (129HP) Famous Chinese Brand Diesel Engine with more power and more stable quality

Oversized Drum offers a maximum discharging capacity of 4.2CBM.

30km/h Driving Speed may fulfill running for a long distance. (Optional 40km/h high speed transmission available)

Dual Screen Backup (Reversing) Camera enables to avoid unnecessary collision to improve the service life of the truck.

Single Joystick Operation for feeding, rotation and major operations to make the operation more easier and simple.

Two Oversized Water Tanks may realize single mixing of cement and flushing of tank.

South Korea Imported and Custom-Designed Key Hydraulic Components improve the softness and stability of the truck, which are more compatible with this model.

Improved service life of the whole machine.

Using an **Enlarged Drum Rotating Motor** ensures more uniform mixture and faster discharging.

A **Complete Dashboard** in the cab enables the machine to finish the works, such as self-loading, self-unloading, mixing, discharging, and water adding etc.

4.75mm-thick Manganese Plate Made Drum makes it have better wear resistance and longer service life.

The whole machine uses **Waterproof Circuits and LED Lamps**.

French TOTAL Oil Product is applied to ensure the purity of hydraulic oil and prolong the service life.

Shaped Seamless Steel Pipe Made Frame by Riveted Welding has reasonable design and higher stability.

Widened Steel Wire Tires offer a higher load-bearing capacity.

Reasonable Design for Easy Container Loading.



**Main Technical Parameters of Concrete Mixer Loader Model CML420**

	Item	Parameters
Mixing Drum	Geometric Volume of Drum	6.5 CBM
	Actual Mixing Volume of Drum	4.2 CBM
	Residual Volume of Drum	< 0.8%
	Concrete Output	14 CBM/hour, up to 4 batches per hour
	Mixing Speed	3 gears both Forward & Reverse Rotation
	Max. Slewing Angle of Drum	270 degree
Engine	Model	YUCHAI YCD4P22T-130 Turbocharged Engine
	Type	Four-cylinder, Inline, Water-cooled, Four-stroke Diesel Engine
	Rated Power	95 kW (129 HP)
	Rated Speed	2400rpm
Drive System	Hydraulic Component	Danvers Variable Stroke Pump
	Gear Shift	1 Forward, 1 Reverse, 1 High Speed, 1 Low Speed
	Speed	Low Speed: 0-9.5 km/h, High Speed: 0-30 km/h
	Drive	4-wheel Drive
	Wheel Base	2350 mm
	Gradeability	30 degree
Hydraulic System	Two Variable Stroke Pumps	Driving Vehicle and Mixer Separately
	Two Constant Rate Pumps	Providing power to Drum, Brake and Water System
Cabin	Type	Luxury Cabin with Air Conditioning
Bucket	Capacity	0.5 CBM with Hydraulic Controlled Gate
Chute	Type	Hydraulically Controlled Adjustable Chute with 15 degree vertical movement and free horizontal movement
Brake	Type	Wet Brake, Parking Brake with Gear Box
Tire	Type Specification	16/70-20-16PR Rough Terrain Engineering Tire
Steering System	Type	Hydraulic Rear Wheel Steering
Electric System	Battery	2x 12V/100Ah battery for Lighting & Ignition
Concrete Discharge	Discharging Angle	270 degree
Fuel Tank	Capacity	180 L
Water Tank	Capacity	500 L
	Water Supply Mode	Hydraulic Drive Water Pump
Weight	Total Weight	9000 kg
Overall Dimension	L x W x H	7500 x 2700 x 3380 mm

Optional:

Centralized Lubricating System

Other Engines

Note:

- 1. The technical specifications are for standard models only. All specifications and design characteristics are subject to change without prior notice.**
- 2. Photos are for reference only. Machines shown may include optional parts.**