



## **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 6 CBM/hour.

## **Features:**

### **60kW (81.6HP) 4-cylinder Diesel Engine**

**Articulated Design** realizes smaller turning radius, **compact size** is more applicable in rural or narrow working sites.

**25km/h Driving Speed** may fulfill running for a long distance

**Enlarged Water Tank** facilitates water refilling and flushing the drum.

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

**Complete Dashboard and Instruments in Cabin** enables easy operation of all the tasks such as self-loading, self-unloading, mixing, discharging, and water addition.

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

The **Waterproof Wiring Harness** and **LED Lamps** are used in the whole truck.

**French Total Hydraulic Oil** is used to ensure the purity of hydraulic oil in the truck and prolong its service life.

**Special-shaped Seamless Steel Pipe Riveted and Welded Frame** makes it a reasonable design and the truck higher stability.

**1.6m<sup>3</sup> Concrete Output Drum**

**Four-Wheel Drive**

**Widened Construction Tires** offer a higher load-bearing capacity.



**Main Technical Parameters of Concrete Mixer Loader Model CML160**

	Item	Parameters
<b>Mixing Drum</b>	Geometric Volume of Drum	2.4 CBM
	Actual Mixing Volume of Drum	1.6 CBM
	Residual Volume of Drum	< 0.8%
	Concrete Output	6CBM/hour, up to 4 batches per hour
	Mixing Speed	3 gears both Forward & Reverse Rotation
<b>Engine</b>	Model	YUNNEI YN38GB Diesel Engine
	Type	Four-cylinder, Inline, Water-cooled, Four-stroke Diesel Engine
	Rated Power	60 kW (81.6 HP)
	Rated Speed	2400rpm
<b>Drive System</b>	Hydraulic Component	Imported from South Korea
	Gear Shift	1 Forward, 1 Reverse, 1 High Speed, 1 Low Speed
	Speed	Low Speed: 0-9.5 km/h, High Speed: 0-25 km/h
	Drive	4-wheel Drive
	Wheel Base	2500 mm
	Gradeability	30 degree
<b>Hydraulic System</b>	Two Variable Stroke Pumps	Driving Vehicle and Mixer Separately
	Two Constant Rate Pumps	Providing power to Drum, Brake and Water System
<b>Cabin</b>	Type	Luxury Cabin
<b>Bucket</b>	Capacity	0.35 CBM with Hydraulic Controlled Gate
<b>Chute</b>	Type	Hydraulically Controlled Adjustable Chute with 15 degree vertical movement and free horizontal movement
<b>Brake</b>	Type	Wet Brake, Parking Brake with Gearbox
<b>Tire</b>	Type Specification	20.5/70-16-14PR Construction Tire
<b>Steering System</b>	Type	Hydraulic Rear Wheel Steering
<b>Electric System</b>	Battery	2x 12V/120Ah battery for Lighting & Ignition
<b>Concrete Discharge</b>	Discharging Angle	60 degree
<b>Fuel Tank</b>	Capacity	180 L
<b>Water Tank</b>	Capacity	430 L
	Water Supply Mode	Hydraulic Drive Water Pump
<b>Weight</b>	Operating Weight	5500 kg
<b>Overall Dimension</b>	L x W x H	6180 x 2270 x 2630 mm (3434mm)

**Standard Configuration:** 4-wheel drive, 2-wheel steering, hydraulic torque converter transmission, dual screen backup camera (reversing camera), warning light, reversing alarm, radio, electric fan, hand brake, wearing parts, tool box.

**Optional Parts and Functions:** Slewing Drum with 270 degree Discharge, Electronic Weighing System, Tilting Drum, Air Conditioning, Steel Wire Construction Tire, Other Optional Engines

**Note:**

- 1. The technical specifications are for standard models only.**
- 2. Other optional accessories and requirements are available upon request.**
- 3. All photos are for reference only. Machines shown may include optional parts.**
- 4. All specifications and design characteristics are subject to change without prior notice.**