



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:

Hydraulic Controlled Bucket

Hydraulic cylinders activate 0.6 CBM capacity loading bucket. Single joystick control for easy loading and quick unloading bucket gate operations.

Automatic Transmission

4 Wheel Drive, 4 speed automatic transmission. Electro-hydraulic control for "Slow" & "Fast" speeds.

Drum

Hydrostatic Drum drive with 3 gears both Forward & Reverse Rotation for homogenous mix, drum lift and slew for discharge concrete all around the machine on any terrain.

Weighing System

High precision concrete weighing system with micro printer can accurately weigh the weight of each batch for detailed data of weight price and date, etc.

Ergonomic Controls

Ease of operation by conveniently located Electronic/Hydraulic Switches, each for Travel, Gear Shift and Drum rotation. Hand lever provided for Drum Lift and Drum Slew. Joystick provide for Bucket Arm Lift, Bucket Tilt and Bucket Gate operation.

Gradeability

Up to 30 degree gradeability to make tough environment look easy.

Steering

Hydraulic Rear Wheel Steering to operate in narrow spaces.

Full-Steel Welded Frame



**Main Technical Parameters of Concrete Mixer Loader Model CML400**

	Item	Parameters
Mixing Drum	1. Rated Capacity	4.8 CBM
	2. Actual Capacity	3.9 CBM
	3. Concrete Output	14 CBM/hour, up to 4 batches per hour
	4. Mixing Speed	3 gears both Forward & Reverse Rotation
	5. Max. Slewing Angle of Drum	270 degree (Optional)
Engine	6. Model	YUCHAI 4108 Turbocharged Engine
	7. Type	Four-cylinder, Inline, Water-cooled, Four-stroke Diesel Engine
	8. Rated Power	95 kW (129 HP)
	9. Rated Speed	2400rpm
Drive System	10. Hydraulic Component	Danvers Variable Stroke Pump
	11. Gear Shift	1 Forward, 1 Reverse, 1 High Speed, 1 Low Speed
	12. Speed	Low Speed: 0-9.5 km/h, High Speed: 0-28 km/h
	13. Drive	4-wheel Drive
	14. Gradeability	30 degree
Hydraulic System	15. Two Variable Stroke Pumps	Driving Vehicle and Mixer Separately
	16. Two Constant Rate Pumps	Providing power to Drum, Brake and Water System
Cabin	17. Type	ROPS & FOPS
Bucket	18. Capacity	0.6 CBM with Hydraulic Controlled Gate
Chute	19. Type	Hydraulically Controlled Adjustable Chute with 15 degree vertical movement and free horizontal movement
Brake	20. Type	Wet Brake, Parking Brake with Gear Box
Tire	21. Type Specification	16/70-20-16PR Rough Terrain Engineering Tire
Steering System	22. Type	Hydraulic Rear Wheel Steering
	23. Inner Steering Radius	1988mm/4130mm
	24. Outer Steering Radius	3767mm/6030mm
Electric System	25. Battery	2x 12V/120Ah battery for Lighting & Ignition
Concrete Discharge	26. Discharging Angle	60 degree
Fuel Tank	27. Capacity	110 L
Water Tank	28 Capacity	110 L
Weight	29. Empty Weight	8000 kg
	30. Full-load Weight	18000 kg
Overall Dimension	31. L x W x H	7500 x 2300 x 2900 mm

Optional:

270 degree Drum Slewing

Air Conditioning

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.