

Engine

Model	Yuchai YC6B150
Type	Six-cylinder, water-cooled turbocharged, mechanical injection
Rated power	110KW
Rated speed	2000rpm

Main Technical Specification

Operating weight	16000Kg
Type	Hydraulic vibration
Frequency	30Hz
Amplitude	1.0/2.0mm
Static linear load	378N/cm
Vertical oscillation	8°
Drum shell thickness	32mm
Centrifugal force (high ampl.)	320KN
Centrifugal force (low ampl.)	180KN

Service Capacities

Hydraulic tank	150L
Gear box	25L
Drive axle	25L
Fuel tank	180L
Engine crank case	16L
Brake booster	10L

Transmission System

Type	Mechanical drive (Gear box)
Grade ability	35%
Gear shifts (Forward/Reverse)	F3/R3
Travelling speed (km/h)	
Forward/Reverse I	2.0/2.0
Forward/Reverse II	4.0/4.0
Forward/Reverse III	10.5/10.5

Steering System

Type	Articulated frame, hydraulic steering
Steering cylinder	Two cylinders
Steering pump	Gear pump
Working pressure	12MPa
Steering angle	±35°
Min. steering radius	7500mm

Dimensions

Overall length	5820mm
Overall width	2278mm
Overall height	3000mm
Drum width	2100mm
Wheel base	3160mm
Drum Dia.	1600mm
Tyre size	23.1-26
Ground clearance	432mm

Axle

Drive type	Rear wheel drive
Front axle load	9600Kg
Rear axle load	6400Kg

Braking System

Service brake	Disc brake, actuate rear wheels
Parking brake	Hand operated drum brake

Optional

Air conditioner
Pad foot
Cummins engine (110KW)
Compaction meter