

Engine

Model	Cummins 4BTA3.9
Type	Four-cylinder, water-cooled turbocharged, mechanical injection
Rated power	80KW
Rated speed	2200rpm

Main Technical Specification

Operating weight	10000Kg
Type	Hydraulic vibration
Frequency	32Hz
Amplitude	0.82/1.74mm
Static linear load	233N/cm
Vertical oscillation	8°
Drum shell thickness	24mm
Centrifugal force (high ampl.)	198KN
Centrifugal force (low ampl.)	93KN

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	25%
Gear shifts (Forward/Reverse)	F3/R3
Travelling speed (km/h)	
Forward/Reverse I	2.6/2.6
Forward/Reverse II	6.6/6.6
Forward/Reverse III	9.1/9.1

Steering System

Type	Hydraulic articulated steering
Steering cylinder	Two cylinders
Steering pump	Gear pump
Working pressure	12MPa
Steering angle	±36°
Min. steering radius	6500mm

Dimensions

Overall length	5500mm
Overall width	2300mm
Overall height	3000mm
Drum width	2100mm
Wheel base	2900mm
Drum Dia.	1500mm
Tyre size	23.1-26
Ground clearance	386mm

Axle

Drive type	Rear wheel drive
Front axle load	6000Kg
Rear axle load	4000Kg

Braking System

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

Optional

Air conditioner	
Pad foot	
Compaction meter	