

Engine

Model	Cummins 6BT5.9
Type	Six-cylinder, water-cooled turbocharged, mechanical injection
Rated power	110KW
Rated speed	2300rpm

Transmission System

Type	Hydraulic drive
Grade ability	35%
Travelling speed (km/h)	
Forward/Reverse	0 12
Travelling pump	Sauer/Rexroth piston pump
Travelling motor	Sauer/Rexroth piston motor

Axle

Drive type	Dual wheel drive
Front axle load	5500Kg
Rear axle load	4500Kg

Main Technical Specification

Operating weight	10000Kg
Type	Hydraulic vibration
Frequency	29/35Hz
Amplitude	0.9/1.8mm
Static linear load	285N/cm
Vertical oscillation	8°
Drum shell thickness	24mm
Centrifugal force (high ampl.)	240KN
Centrifugal force (low ampl.)	120KN
Working pressure	42MPa

Steering System

Type	Hydraulic articulated steering
Steering cylinder	Two cylinders
Steering pump	Gear pump
Working pressure	13MPa
Steering angle	±35°
Min. steering radius	6500mm

Braking System

Service brake	Oil-cut off brake
Parking brake	Hand operated drum brake

Service Capacities

Hydraulic tank	180L
Drive axle central gear box	25L
Fuel tank	200L
Engine crank case	19L

Dimensions

Overall length	5820mm
Overall width	2278mm
Overall height	3050mm
Drum width	2100mm
Wheel base	3160mm
Drum Dia.	1400mm
Tyre size	17.5-25
Ground clearance	472mm

Optional

Pad foot	
Compaction meter	