



Engine

Model	Cummins 4BT3.9
Type	Four-cylinder, water-cooled turbocharged, mechanical injection
Rated power	75KW
Rated speed	2200rpm

Main Technical Specification

Max. operating weight	16000Kg
Min. operating weight	10000Kg
Average ground pressure	0.15~0.3MPa
Tyre pressure	0.2~0.8MPa
Compacting width	2286mm
Vertical oscillation	±100mm

Service Capacities

Hydraulic tank	67L
Gear box	10L
Fuel tank	220L
Engine crank case	16L

Transmission System

Type	Mechanical drive(Gear box)
Grade ability	20%
Gear shifts(Forward/Reverse)	F3/R2
Travelling speed (km/h)	
Forward/Reverse I	6.0/4.5
Forward/Reverse II	14.0/10.9
Forward III	16.0

Steering System

Type	Hydraulic steering
Working pressure	13MPa
Steering cylinder	Φ90×50×260mm
Min. steering radius	7500mm

Dimensions

Overall length	4980mm
Overall width	2286mm
Overall height	3220mm
Wheel base	3700mm
Ground clearance	300mm

Axle And Tyre

Type of main reducer	Spiral bevel gear
Gear ratio	1:6.17
Final reducer	Chain driven
Chain gear ratio	1: 2.17
Single tyre load (F/R)	1778Kg
Tyre number(F+R)	4+5
Tyre size	11.00-20

Braking System

Service brake	Air-over-hydraulic disc brake
Parking brake	Hand operated drum brake