



Engine

Model	Cummins 6BTA5.9
Type	Six-cylinder, water-cooled turbocharged, mechanical injection
Rated power	128KW
Rated speed	2100rpm

Main Technical Specification

Rated load	4000Kg
Operating weight	13700Kg
Rated bucket capacity	2.3m ³
Max. breakout force	125KN
Max. dump clearance	2880mm
Dump reach	1014mm
Dump angle at any position	≥45°
Digging depth(with bucket bottom horizontal)	190mm
Min. turning radius(outside of bucket)	6406mm
Oscillating angle of rear axle	±12°
Lifting time of bucket	≤5.5s
Lowering time of bucket	≤3.7s
Dumping time	≤1.2s

Implement Hydraulic System

Model of oil pump	Gear
System pressure	18MPa
Model of multi-way directional valve	D32II
Priority valve	DJS2-UX

Axle And Tyre

Type of main reducer	Spiral bevel gear, single stage
Gear ratio of main reducer	5.286
Type of final reducer	Single stage planetary
Gear ratio of final reducer	4.4
Total ratio	23.258
Max. tractive force	119KN
Tyre size	20.5-25

Steering System

Type	Middle articulated frame, Co-axis flow amp. steering
Model of steering pump	Gear
System pressure	15MPa
Articulated steering angle	38±1°(L/R)

Transmission System

Torque Converter

Type	3 elements, single stage
Torque ratio	3.1
Cooling type	Pressure oil circulating

Gear box

Type	Power shift
Gear shifts(Forward/Reverse)	F4/R3
Travelling speed(km/h)	
Forward/Reverse I	6.7/6.7
Forward/Reverse II	11.7/11.7
Forward/Reverse III	23/23
Forward IV	37

Dimensions

Overall length(with bucket on ground)	7317mm
Overall width(to outside of wheels)	2470mm
Overall height(to the top of the cab)	3347mm
Bucket width	2766mm
Wheel base	3000mm
Tread	1950mm
Ground clearance	410mm

Service Capacities

Fuel tank	254L
Engine crank case	22L
Converter and gear box	45L
Hydraulic tank	230L

Braking System

Service brake	Caliper disc
Air pressure	0.8MPa
Parking brake	Auto and manual electronic controlled