



Engine

Model	Deutz WP6G125
Type	Six-cylinder, water-cooled turbocharged, mechanical injection
Rated power	92KW
Rated speed	2200rpm

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	4.75
Total ratio	25.1
Max. tractive force	93.5KN
Tyre size	17.5-25

Dimensions

Overall length(with bucket on ground)	6920mm
Overall width(to outside of wheels)	2305mm
Overall height(to the top of the cab)	3150mm
Bucket width	2440mm
Wheel base	2750mm
Tread	2050mm
Ground clearance	395mm

Main Technical Specification

Rated load	3000Kg
Operating weight	10200Kg
Rated bucket capacity	1.7m ³
Max. breakout force	90KN
Max. dump clearance	3160mm
Dump reach	1050mm
Dump angle at any position	45°
Digging depth(with bucket bottom horizontal)	212mm
Min. turning radius(outside of bucket)	5600mm
Oscillating angle of rear axle	±11°
Lifting time of bucket	≤5.8s
Lowering time of bucket	≤3.8s
Dumping time	≤1.4s

Steering System

Type	Middle articulated frame, Co-axis flow amp. steering
Model of steering pump	CBGj2050
Model of redirector	BZZ1-E400C+FKA-143020
System pressure	14MPa
Articulated steering angle	38±1°(L/R)

Service Capacities

Fuel tank	140L
Engine crank case	30L
Converter and gear box	38L
Hydraulic tank	160L

Transmission System

Torque Converter	
Model	YJH315F-5
Type	3 elements, single stage
Torque ratio	3.1
Cooling type	Pressure oil circulating

Braking System

Service brake	Air over oil activate 4 wheel brake with capliar disc brake
Air pressure	0.68MPa
Parking brake	Draper-type soft axle control

Implement Hydraulic System

Model of oil pump	CBGj2100
System pressure	16MPa
Model of multi-way directional valve	DF25.2-C
Priority valve	DJS2-UX

Optional

Log clamp	
Loose material bucket	
Rock bucket	
Air conditioner	
Joystick control	