



Engine

Model	Deutz TD226B-6
Type	Direct injection, turbocharged water cooling
Rated power	92KW
Rated speed	2200rpm
Rated fuel consumption	200g/kw-h

Main Technical Specification

Rated load	3000Kg
Operating weight	10200Kg
Rated bucket capacity	1.7m ³
Max. breakout force	96KN
Max. dump clearance	2934mm
Dump reach	1043mm
Dump angle at any position	45°
Digging depth(with bucket bottom horizontal)	212mm
Max. turning radius(outside of rear wheel)	5205mm
Oscillating angle of rear axle	±11°
Lifting time of bucket	≤5.2s
Lowering time of bucket	≤5.1s
Dumping time	≤1.2s

Working Equipment

Model of oil pump	CBGj2100
System pressure	16MPa
Model of multi-way directional valve	DF-32D2-YL16
Pilot valve	DJS2-UX

Axle And Tyre

Type of main reducer	Spiral bevel gear, single stage
Gear ratio of main reducer	3.889
Type of final reducer	Single stage planetary
Gear ratio of final reducer	4.941
Total ratio	19.216
Max. tractive force	87KN
Tyre size	17.5-25

Steering System

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

Transmission System

Torque Converter	
Model	YJH315F-5
Type	3 elements, single stage
Torque ratio	3.1
Cooling type	Pressure oil circulating
Gear box	
Model	SWL30F
Type	Power shift
Gear shifts(Forward/Reverse)	F3/R3
Travelling speed(km/h)	
Forward/Reverse I	6.4/8.3
Forward/Reverse II	13.2/16.9
Forward/Reverse III	30.6/27.6

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	2430mm
Wheel base	2750mm
Tread	1855mm
Ground clearance	360mm

Service Capacities

Fuel tank	130L
Engine crank case	17L
Converter and gear box	35L
Hydraulic tank	120L
Driving axles (F/R)	11/11L

Braking System

Service brake	Air over oil activate 4 wheel brake with capliar disc brake
Air pressure	0.68MPa
Emergency brake	Automatic cutting air brake
Parking brake	Drum brake Manual control cutting off air brake

Optional

Log clamp
Loose material bucket
Rock bucket
Air conditioner