


Engine

Model	6135K-13b
Type	Direct injection, aspirated, water cooled
Rated power	128KW
Rated speed	2000rpm
Rated fuel consumption	238g/kw·h

Main Technical Specification

Rated load	4000Kg
Operating weight	13800Kg
Rated bucket capacity	2.3m ³
Max. breakout force	134KN
Max. dump clearance	2815mm
Dump reach	1050mm
Dump angle at any position	45°
Digging depth(with bucket bottom horizontal)	190mm
Max. turning radius(outside of rear wheel)	5730mm
Oscillating angle of rear axle	±11°
Lifting time of bucket	≤6.2s
Lowering time of bucket	≤3.8s
Dumping time	≤1.8s

Working Equipment

Model of oil pump	CBGj 3140
System pressure	17.7MPa
Model of multi-way directional valve	D32II
Pilot valve	DJS2-UX/UU

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	123KN
Tyre size	20.5-25

Steering System

Type	Middle articulated frame, Co-axis flow amp. steering
Model of steering pump	CBGj 2063/1016-XF
Model of redirector	BZZ1-E630C+FKA-146020
System pressure	14MPa
Articulated steering angle	38±1°(L/R)

Transmission System

Torque Converter	
Model	YJHSW315
Type	4 elements, double stage
Torque ratio	4
Cooling type	Pressure oil circulating
Gear box	
Model	Z40-3000
Type	Power shift
Gear shifts(Forward/Reverse)	F2/R1
Travelling speed(km/h)	
Forward/Reverse I	11/15
Forward II	36

Dimensions

Overall length(with bucket on ground)	7170mm
Overall width(to outside of wheels)	2570mm
Overall height(to the top of the cab)	3360mm
Bucket width	2697mm
Wheel base	3080mm
Tread	2050mm
Ground clearance	400mm

Service Capacities

Fuel tank	200L
Engine crank case	13.5L
Converter and gear box	45L
Hydraulic tank	150L
Driving axles (F/R)	20/20L
Brake	2×1.5L

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

Cummins engine
Log clamp
Rock bucket
Air conditioner