



Engine

Model	Deutz T226B
Type	Direct injection, turbocharged, water cooled
Rated power	70KW
Rated speed	2200rpm

Main Technical Specification

Loading	
Rated load	1700Kg
Operating weight	7000Kg
Max lifting capability	>2500Kg
Rated bucket capacity	1.0m ³
Max. breakout force	>40KN
Max. dump clearance	2611mm
Dump reach	726mm
Dump angle at any position	≥43.5°
Min. turning radius (outside of rear wheel)	4440mm
Lifting time of bucket	≤5.1s
Lowering time of bucket	≤4.9s
Dumping time	≤0.9s

Digging

Rated bucket capacity	0.3m ³
Max. digging depth	4338mm
Max. digging force	>50±10%KN
Max. digging radius	5481mm
Max. dumping height	3737mm

Steering System

Type	Front wheel Steering
Model of steering pump	JHP2050AXCC
Model of steering redirector	BZZ5-E160B+FKB-3022
System pressure	140MPa

Transmission System

Torque Converter	
Model	CARRARO
Torque ratio	2.55
Cooling type	Pressure oil circulating
Gear box	
Model	CARRARO
Type	Synchromesh mechanical shift
Gear shifts(Forward/Reverse)	F4/R4
Travelling speed(km/h)	
Forward/Reverse I	5.8/7.0
Forward/Reverse II	10.5/12.6
Forward/Reverse III	20.1/24.3
Forward/Reverse IV	40.2/48.6

Working Equipment

Model of oil pump	JHP2050AXCC
System pressure	21.1MPa
Model of loading/digging valve	ZL20DC-02/ZL30DC-07

Service Capacities

Fuel tank	151L
Engine crank case	11L
Converter and gear box	21L
Hydraulic tank	110L
Driving axle(F/R)	7.6/17L

Dimensions

Overall length(with bucket on ground)	7077mm
Overall width	2313mm
Overall height(to the top of the cab)	2720mm
Overall height(to the top of the digging pole)	3424mm
Load Bucket width	2328mm
Wheel base	2155.5mm
Tread(F/R)	1714/1557mm
Ground clearance	275mm

Axle And Tyre

Model	CARRARO(4×4)
Type of main reducer	spiral bevel gear, single stage
Type of final reducer	Single stage planetary
Max. steering angle	55°
Tyre size(F/R)	12-16.5NHS/19.5L-24R4

Optional

Cummins engine
Two wheel drive
Hydraulic breaker
Side shift