



Engine

Model	Deutz WP4G95E
Type	Four-cylinder, water-cooled turbocharged, mechanical injection
Rated power	70KW
Rated speed	2200rpm

Main Technical Specification

Loading

Rated load	1700Kg
Operating weight	7400Kg
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 bucket)	5670mm
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	13.7MPa

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

Implement Hydraulic System

Model of oil pump	JHP2050AXCC
System pressure	21.5MPa
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

Dimensions

Overall length (with bucket on ground)	7077mm
Overall width	2350mm
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	2155mm
Tread (F/R)	1714/1557mm
Min. 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	