



Standard equipment	
Bucket Capacity	1.8m ³
Rated Load	3000 kg
Rated Power	87 kW
Max. breakout force	≥96 kN
Tipping load.....	≥66 kN
Operating weight	10700 kg

MAIN SPECIFICATION

ENGINE

Model-----cummins 6BT5.9-C120-C(made in Japan)
 Rated power-----87kW
 Rated speed-----2200r/min

TRANSMISSION SYSTEM

Type----- Single Phase,4 Elements,
 Double-Turbo, Hydraulic Converter
 Torque ratio-----4,56
 Inlet oil pressure-----0.45~0.55Mpa
 Outlet oil pressure-----0.15~0.25Mpa
 Operating pressure-----1.1~1.5Mpa

DRIVING AXLES AND MAIN DRIVE

Main drive
 Type-----single stage, spiral bevel gear
 Gear ratio-----6.167
 Final reducer
 Type-----single stage planetary shift
 Gear ratio-----3.12

BRAKING SYSTEM

Braking pressure-----0.45~0.68Mpa
 Parking brake-----internal expansion type

STEERING SYSTEM

Type-----Full-hydraulic articulated steering
 with loading sensor
 System working pressure-----14.0Mpa
 Steering angle-----+38°
 Min. turning radius-----5381mm

HYDRAULIC SYSTEM OF WORKING DEVICE

Type-----double pump, flow diversion circuit
 System working pressure-----16Mpa
 Lifting time-----5.3s
 Lowering time-----2.9s
 Dumping-----1.0s
 Total-----9.2s
 Max.breakout force-----96KN

SERVICE REFILL CAPACITY

Fuel-----140L
 Hydraulic oil-----130L
 Axle(main drive and final reducer) -----2x16L
 Braking system-----4L

TYRE

Standard tyre-----17.5~25
 Tyre pressure
 Front-----0.333~0.353MPa
 Rear -----0.275~0.294MPa