



### **Standard equipment**

Capacity of bucket-----	0.95m <sup>3</sup>
Max. breakout force-----	52KN
Length of lifting arm-----	2675mm
Rated power-----	55kW
Rated load-----	1.6t
Operating weight-----	6100kg

## **MAIN SPECIFICATION**

### **ENGINE**

Model -----	cummins B3.3-C(made in Japan)
Rated power-----	60kW
Rated speed-----	2200r/min

### **TRANSMISSION SYSTEM**

Type-----	single phase 3 elements single turbo hydraulic converter
Torque ratio-----	3.43
Inlet oil pressure-----	0.49~0.59Mpa
Outlet oil pressure-----	0.2~0.3Mpa
Operating pressure-----	1.3~1.6Mpa
Traveling speed	
Forward-----	1 <sup>st</sup> : 0~10km/h, 2 <sup>nd</sup> 0~26.5km/h
Reverse-----	1 <sup>st</sup> : 0~9.6km/h, 2 <sup>nd</sup> 0~25km/h

### **DRIVING AXLES AND MAIN DRIVE**

Main drive	
Type-----	single stage, spur gear
Gear ratio-----	5.833
Final reducer	
Type-----	single stage planetary shift
Gear ratio-----	3.9

### **BRAKING SYSTEM**

Braking pressure-----	0.68~0.78Mpa
Service brake--	air over hydraulic disc on 4 wheels
Parking brake-----	internal expansion type

### **STEERING SYSTEM**

Type-----	Full-hydraulic articulated steering
System working pressure-----	12.0Mpa
Steering angle-----	+35°
Min. turning radius-----	4546mm

### **HYDRAULIC SYSTEM OF WORKING DEVICE**

Type-----	double pump, flow diversion circuit
System working pressure-----	17.5Mpa
Lifting time-----	4.4s
Lowering time-----	2.5s
Dumping-----	1.0s
Max.breakout force-----	52KN

### **SERVICE REFILL CAPACITY**

Fuel-----	120L
Hydraulic oil-----	100L
Crankshaft box-----	14L
Transmission box-----	25L
Axle(main drive and final reducer) -----	2x12.5L
Braking system-----	4L

### **TYRES**

Standard tyre-----	16/17~20
Tyre pressure	
Front-----	0.333~0.353MPa
Rear -----	0.275~0.294MPa