





Technical specifications of 950

Overall dimensions

Overall length(bucket on the ground)	8020mm
Bucket width	3070mm
Overall height	3310mm
Wheel base	3200mm
Tread	2250mm
Min. ground clearance	430mm

Specification(technical features)

Rated load	5000kg
Bucket capacity	2.7~4.0cbm
Operating weight	16.2t
Traveling speed	
Forward I	8km/h
Forward II	15km/h
Forward III	23km/h
Forward IV	41km/h
Reverse I	8km/h
Reverse II	15km/h
Reverse III	23km/h
Reverse IV	41km/h
Max.tractive force	156KN
Max.climbing gradient	28degree
Max.dumping angle	45degree
Max.dumping height	3115mm
Dumping reach	1245mm
Overturn angle of bucket	
The lowest position	45degree
The highest position	55degree
Bucket automatic leveling function	Yes
Max.breakout force	170KN
Total cycling time	11S
Min.Turning radius	
Outside of the bucket	7760mm
Turning angle of the frames	35degree plus/minus 1 degree
Oscillating angle of the rear axle	Plus/minus 9degree

DIESEL ENGINE

Engine: 6 cylinder, in line, water cooled, 4 stroke, direct injection
Model: C6121ZG50 (US caterpillar 3300 series of licensed engine)
Rated speed: 2200RPM
Rated power: 162kw
Bore: 126mm
Stroke: 130mm
Max. torque: 843N.m
Displacement: 10.5L

TRANSMISSION

Torque convertor: 3 elements, single stage
Transmission: ZF WG180
Four forward/reverse automatic speeds with a single electric gear selector.

AXLES

Front axled fixed, rear axle oscillating, oscillating angle of rear axle:

BRAKE SYSTEM

Service: air over oil disc braking on 4 wheels
Braking oil pressure: 680~780kpa
Parking brake: electric air-control internal expansion type brake

TYRES

23.5-25
pressure: front tyre 0.32-0.35Mpa, rear tyre 0.28-0.3Mpa

STEERING

Min. Turning radius
External bucket turning radius: 7760mm

TANK CAPACITY

Fuel tank: 300L
Hydraulic tank: 300L