

Engine	SHANGCHAI SC8D180.3G2B1
Gross Power	132 kW (180 hp) @ 1800 rpm
Nominal Amplitude Range	2.0/1.0mm
Vibration Frequency Range	28 / 33 Hz
Centrifugal Force Range	360 kN / 180 kN
Working Width	2,130 mm
Operating Weight	18,000 kg

# 6118E<sup>ROLLER</sup>



# 6118E SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Shanghai
Model	SC8D180.3G2B1
Gross Power	132 kW(180hp) @ 1800 rpm
Peak Torque	720 N · M
Number of Cylinders	6
Aspiration	Turbo
Cooling Type	Water

## ELECTRICAL SYSTEM

System Voltage	24 V
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## DRIVE TRAIN

Theoretical Gradeability, without/ with Vibration	30 %
Transmission Type	Mechanical
1st Maximum Speed	2.7 km/h
2nd Maximum Speed	5.2 km/h
3rd Maximum Speed	11 km/h
Inside Turning Radius	<4,660 mm
Outside Turning Radius	<7,000 mm

## AXLES

Steering System	Hydraulic
Steering Method	Articulation
Steering Angle	±35°
Steering Relief Pressure	16 MPa

## BRAKES

Service Brake Type	caliper dry disc
Service Brake Actuation	air over hydraulic
Parking Brake Actuation	Mechanical apply; Hydraulic release

## TIRES

Tire Size	20.5-25-16PR
Tire Tread	G - 23

## HYDRAULIC SYSTEM

Main Pump Type	Piston Pump
Main Relief Pressure	35MPa

## PERFORMANCE

Static Linear Front Drum Load	414 N/cm
Number of Vibrating Drums	1
Nominal Amplitude Range	2.0 / 1.0 mm
Vibration Frequency Range	28/ 33 Hz
Centrifugal Force Range	360 / 180 kN
Number of Amplitude Settings	2

## OPERATING WEIGHTS

Operating Weight with Ballast	18,000 kg
Weight on Front Drum	9,000 kg
Weight on Tires	9,000 kg

## SERVICE CAPACITIES

Fuel Tank	285L
Engine Oil	19 L
Cooling System	32 L

## OPTIONAL EQUIPMENT

Padfoot Drum Segment Kit ( PDH )
Rotary Beacon
Backup Alarm

## OVERALL SIZE

Overall Length: L=6450mm	Overall Width: C=2340mm
Overall Height: H=3050mm	Min. Ground Clearance: K=450mm
Drum Diameter: D=1600mm	Drum Width: W=2130mm
Drum Thickness: S=40mm	Wheelbase: A=3230mm

