



Engine	Cummins QSB3.9
Rated Power	81 kW (109 hp /110 ps) @ 2,200 rpm
Nominal Amplitude Range	0.8 / 0.4 mm
Vibration Frequency Range	45 / 50 Hz
Centrifugal Force Range	100 / 61 kN
Working Width	1,700 mm
Operating Weight	9,500 kg

6208E ROLLER

6208E SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Manufacturer	Cummins
Model	QSB3.9
Rated Power	81 kW (109 hp / 110 ps) @ 2,200 rpm
Peak Torque	480 N·m
Number of Cylinders	4
Aspiration	Turbocharged
Cooling Type	Water

ELECTRICAL SYSTEM

System Voltage	24 V
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DRIVE TRAIN

Theoretical Gradeability	40%
Transmission Type	Hydrostatic
1st Max. Travel Speed, Fwd	6 km/h
2nd Max. Travel Speed, Fwd	8 km/h
3rd Max. Travel Speed, Fwd	12 km/h
Min. Outside Turning Radius	6,770 mm

AXLES

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

BRAKES

Service Brake Type	Hydraulic
Service Brake Actuation	Hydraulic
Parking Brake Actuation	Mechanical apply, hydraulic release

DIMENSIONS

A Overall Length	4,970 mm
B Overall Width	1,960 mm
C Drum Width	1,700 mm
D Drum Diameter	1,200 mm
E Drum Thickness	15 mm
F Wheelbase	3,585 mm
G Min. Ground Clearance	260 mm
H Overall Height	3,120 mm

HYDRAULIC SYSTEM

Main Pump Type	Piston pump
Main Relief Pressure	35 MPa

PERFORMANCE

Front Drum Static Linear Load	288 N/cm
Rear Drum Static Linear Load	271 N/cm
Number of Vibrating Drums	2
Nominal Amplitude Range	0.8 / 0.4 mm
Vibration Frequency Range	45 / 50 Hz
Centrifugal Force Range	100 / 61 kN
Number of Amplitude Settings	2

OPERATING WEIGHTS

Operating Weight with Ballast	9,500 kg
Weight on Front Drum	4,900 kg
Weight on Tires	4,600 kg

SERVICE CAPACITIES

Fuel Tank	220 L
Engine Oil	12 L
Hydraulic Oil Tank	80 L
Cooling System	22 L

OPTIONAL EQUIPMENT

Rotary Beacon
Compaction Meter
GPS
Crab Walking

