

Engine	Cummins QSB4.5
Rated Power	119 kW (160 hp) @ 2,200 rpm
Nominal Amplitude Range	0.75 / 0.4 mm
Vibration Frequency Range	45 / 50 Hz
Centrifugal Force Range	140 / 85 kN
Working Width	2,130 mm
Operating Weight	12,500 kg

6212E

ROLLER



TOUGH WORLD. TOUGH EQUIPMENT.

6212E SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Make	Cummins
Model	QSB4.5
Rated Power	119 kW (160 hp) @ 2,200 rpm
Peak Torque	624 N · m @ 1,500 rpm
Number of Cylinders	4
Aspiration	Turbo, air-to-air intercooled
Cooling Type	Water

ELECTRICAL SYSTEM

System Voltage	24 V
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DRIVE TRAIN

Theoretical Gradeability	40%
Crab Walking	160 mm
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	5,050 mm
B Overall Width	2,280 mm
C Drum Width	2,130 mm
D Drum Diameter	1,300 mm
E Drum Thickness	18 mm
F Wheelbase	3,585 mm
G Min. Ground Clearance	320 mm
H Overall Height	3,170 mm

HYDRAULIC SYSTEM

Main Pump Type	Piston pump
Main Relief Pressure	35 MPa

PERFORMANCE

Front Drum Static Linear Load	293 N/cm
Rear Drum Static Linear Load	293 N/cm
Number of Vibrating Drums	2
Nominal Amplitude Range	0.75 / 0.4 mm
Vibration Frequency Range	45 / 50 Hz
Centrifugal Force Range	140 / 85 kN
Number of Amplitude Settings	2

OPERATING WEIGHTS

Operating Weight with Ballast	12,500 kg
Weight on Front Drum	6,250 kg
Weight on Tires	6,250 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

