

Engine	Cummins QSB4.5
Rated Power	113 kW (152 hp) @ 2,200 rpm
Vibration Frequency Range	45 / 50 Hz
Centrifugal Force Range	166 / 99 kN
Working Width	2,130 mm
Operating Weight	14,000 kg

6214E ROLLER



TOUGH WORLD. TOUGH EQUIPMENT.

6214E SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Make	Cummins
Model	QSB4.5
Rated Power	113 kW (152 hp) @ 2,200 rpm
Peak Torque	549 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%
Transmission Type	Hydrostatic
Maximum Travel Speed, Fwd	12 km/h
Inside Turning Radius	< 4,640 mm
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	2,300 mm
C Drum Width	2,130 mm
D Drum Diameter	1,350 mm
E Drum Thickness	23 mm
F Wheelbase	3,585 mm
G Min. Ground Clearance	345 mm
H Overall Height	3,195 mm

HYDRAULIC SYSTEM

Main Pump Type	Piston pump + Piston pump
Main Relief Pressure	42 +35 MPa

PERFORMANCE

Static Linear Front Drum Load	329 N/cm
Number of Vibrating Drums	2
Nominal Amplitude Range	0.75 / 0.4 mm
Vibration Frequency Range	45 / 50 Hz
Centrifugal Force Range	166 / 99 kN
Number of Amplitude Settings	2

OPERATING WEIGHTS

Operating Weight with Ballast	14,000 kg
Weight on Front Drum	7,000 kg
Weight on Tires	7,000 kg

SERVICE CAPACITIES

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

OPTIONAL EQUIPMENT

Rotary Beacon
Compaction Meter
GPS

