



6118H Roller



Engine	Cummins
Net Power	127 kW (172 hp) @ 2,200 rpm
Vibration Frequency Range	32 / 28 Hz
Centrifugal Force Range	350 kN / 230 kN
Working Width	2,100 mm
Operating Weight	18,500 kg

6118H



Single Drum Hydrostatic Vibratory Roller

ENGINE

Emission Regulation	Tier 3 / Stage IIIA
Make	Cummins
Gross Power	142 kW (190 hp) @ 2,200 rpm
Net Power	127 kW (172 hp) @ 2,200 rpm
Peak Torque	685 N · m
Number of Cylinders	6
Aspiration	turbo air-to-air, aftercooled
Cooling Type	water

ELECTRICAL SYSTEM

System Voltage	12 V
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DRIVE TRAIN

Theoretical Gradeability, without/with vibration	45%
Transmission Type	hydrostatic
4 th Maximum Speed, fwd	12 km/h
Inside Turning Radius	< 4,400 mm
Outside Turning Radius	< 6,500 mm

AXLES

Steering System	hydraulic
Steering Method	articulation
Steering Angle	± 35°
Steering Relief Pressure	17 MPa
Differential Rear Type	limited slip standard

BRAKES

Service Brake Type	wet hydraulic
Service Brake Actuation	hydraulic
Parking Brake Actuation	mechanical apply; hydraulic release

TIRES

Tire Size	23.1 - 26 - 12 PR
Tire Tread	G - 23

HYDRAULIC SYSTEM

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

PERFORMANCE

Static Linear Front Drum Load	548 kg - mm
Number of Vibrating Drum	1
Nominal Amplitude Range	2.0 / 1.2 mm
Vibration Frequency Range	32 / 28 Hz
Centrifugal Force Range	350 / 230 kN
Number of Amplitude Settings	2

OPERATING WEIGHTS

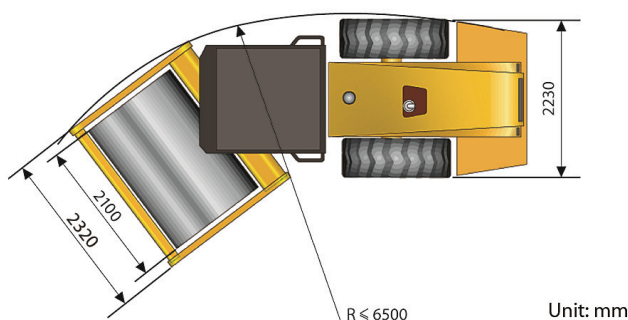
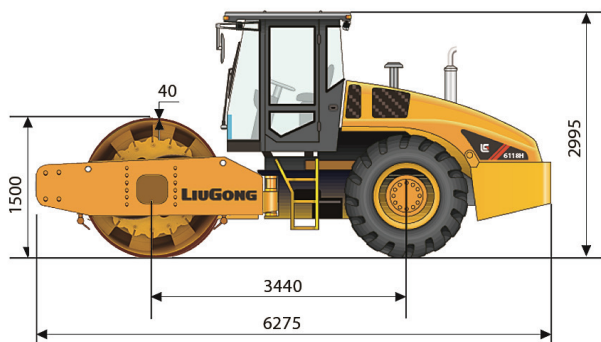
Operating Weight with Ballast	18,500 kg
Weight on Front Drum	11,500 kg
Weight on Tires	7,000 kg

SERVICE CAPACITIES

Fuel Tank	300 L
Engine Oil	11 L
Cooling System	25 L

OPTIONAL EQUIPMENT

Padfoot Drum Segment Kit (PDH)
Rotary Beacon
Backup Alarm



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.