



6611E
Roller



Engine	Cummins
Gross Power	110 kW (150 hp) @ 2,200 rpm
Vibration Frequency Range	30/35 Hz
Centrifugal Force Range	175 kN / 245 kN
Working Width	2,100 mm
Operating Weight	11,300 kg

6611E



Single Drum Hydrostatic Vibratory Roller

ENGINE

Emission Regulation	Tier 3 / Stage IIIA
Make	Cummins
Gross Power	110 kW (150 hp) @ 2,200 rpm
Peak Torque	537 N · m @ 2,200 rpm
Number of Cylinders	4
Aspiration	turbocharged
Cooling Type	water

ELECTRICAL SYSTEM

System Voltage	12 V
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DRIVE TRAIN

Theoretical Gradeability, without / with Vibration	48%
Transmission Type	hydrostatic
Maximum Speed, fwd	11.6 km/h
Inside Turning Radius	< 5,000 mm
Outside Turning Radius	< 7,000 mm

AXLES

Steering System	hydraulic
Steering Method	articulation
Steering Angle	±35°
Steering Relief Pressure	16 MPa
Differential Rear Type	limited slip

BRAKES

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

TIRES

Tire Size	23.1 - 26 - 12 PR
Tire Tread	rhombic pattern tyre

HYDRAULIC SYSTEM

Main Pump Type	piston pump + piston pump
Main Relief Pressure	40 +35 MPa

PERFORMANCE

Static Linear Front Drum Load	312 kg - mm
Number of Vibrating Drum	1
Nominal Amplitude Range	0.8 / 1.8 mm
Vibration Frequency Range	30 / 35 Hz
Centrifugal Force Range	175 / 245 kN
Number of Amplitude Settings	2
Application	road surface
Drum width	2,100 mm
Drum diameter	1,500 mm

OPERATING WEIGHTS

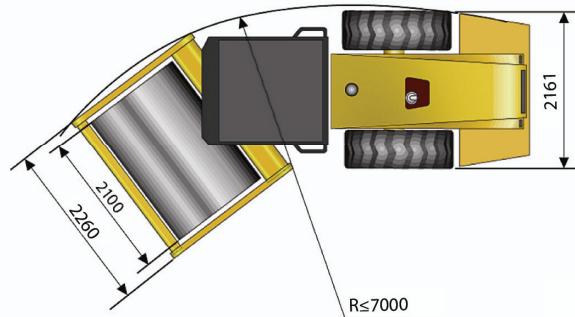
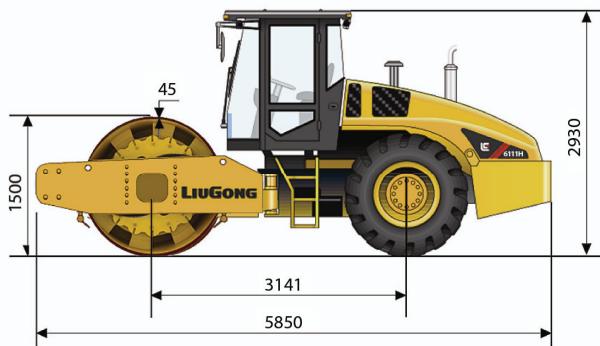
Operating Weight with Ballast	11,300 kg
Weight on Front Drum	6,700 kg
Weight on Tires	4,600 kg

SERVICE CAPACITIES

Fuel Tank	270 L
Engine Oil	17 L
Cooling System	28 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.