

**Engine** Cummins 4BTAA3.9-C125  
**Net Power** 84 kW (112 hp) @ 2,200 rpm  
**Vibration Frequency Range** 33 Hz  
**Centrifugal Force Range** 270 kN / 170 kN  
**Working Width** 2,130 mm  
**Operating Weight** 11,240 kg

# 611H ROLLER

 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

# 611H SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	4BTAA3.9-C125
Gross Power	93 kW (125 hp) @ 2,200 rpm
Net Power	84 kW (112 hp) @ 2,200 rpm
Peak Torque	480 N · m
Number of Cylinders	4
Aspiration	Turbo air-to-air , aftercooled
Cooling Type	water

## ELECTRICAL SYSTEM

System Voltage	24 V
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## DRIVE TRAIN

Theoretical Gradeability, without / with Vibration	45%
Transmission Type	hydrostatic
Maximum Speed, fwd	10.5 km/h
Inside Turning Radius	< 4,370 mm
Outside Turning Radius	< 6,500 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
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## HYDRAULIC SYSTEM

Main Pump Type	piston pump + gear pump
Main Relief Pressure	420 + 180 bar

## PERFORMANCE

Static Linear Front Drum Load	250 N/cm
Number of Vibrating Drum	1
Nominal Amplitude Range	1.8 / 1.2 mm
Vibration Frequency Range	33 Hz
Centrifugal Force Range	270 / 170 kN
Number of Amplitude Settings	2

## OPERATING WEIGHTS

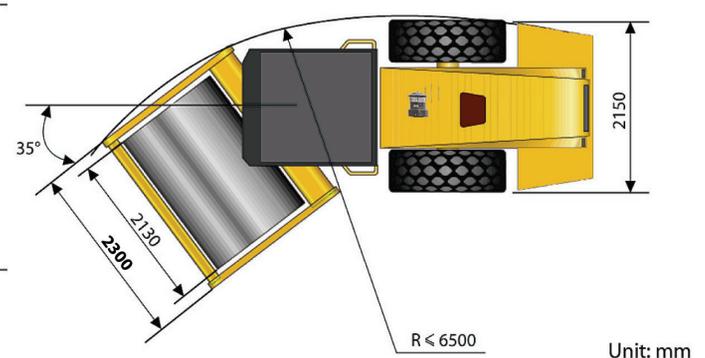
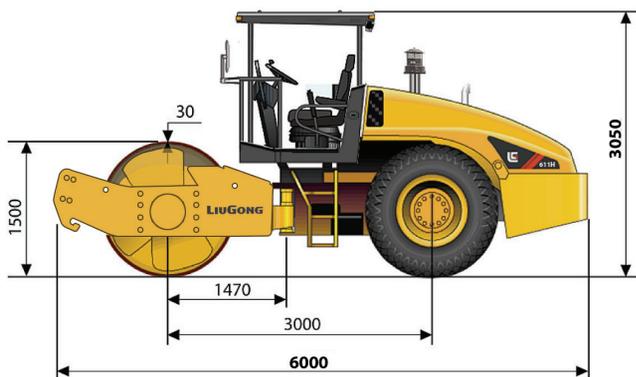
Operating Weight with Ballast	11,240 kg
Weight on Front Drum	5,500 kg
Weight on Tires	5,740 kg

## SERVICE CAPACITIES

Fuel Tank	300 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.

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