



CLG614H Roller



Engine	DCEC
Gross Power	118 kW @ 2,200 rpm
Vibration Frequency Range	33 / 30 Hz
Centrifugal Force Range	300 kN / 180 kN
Working Width	2,130 mm
Operating Weight	14,000 kg

CLG614H



Single Drum Hydrostatic Vibratory Roller

ENGINE

Emission Regulation	Tier 2 / Stage II
Make	DCEC
Gross Power	118 kW @ 2,200 rpm
Peak Torque	670 N.m
Number of Cylinders	6
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	50 %
Transmission Type	hydrostatic
1 st Maximum Speed, fwd	4.5 km/h
2 nd Maximum Speed, fwd	6.1 km/h
3 rd Maximum Speed, fwd	6.7 km/h
4 th Maximum Speed, fwd	12 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 standard

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	G - 23

HYDRAULIC SYSTEM

Main Pump Type	piston pump + piston pump
Main Relief Pressure	420 +350 bar

PERFORMANCE

Static Linear Front Drum Load	340 kg - mm
Number of Vibrating Drums	1
Nominal Amplitude Range	1.95 / 0.9 mm
Vibration Frequency Range	33 / 30 Hz
Centrifugal Force Range	300 / 180 kN
Number of Amplitude Settings	2

OPERATING WEIGHTS

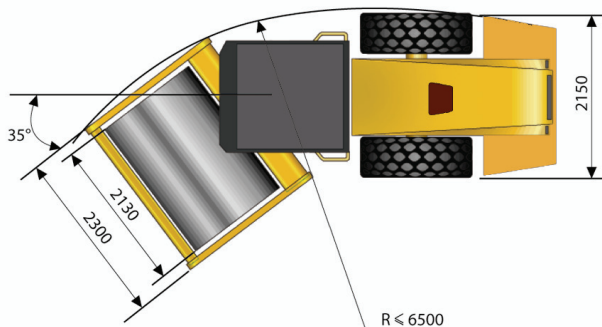
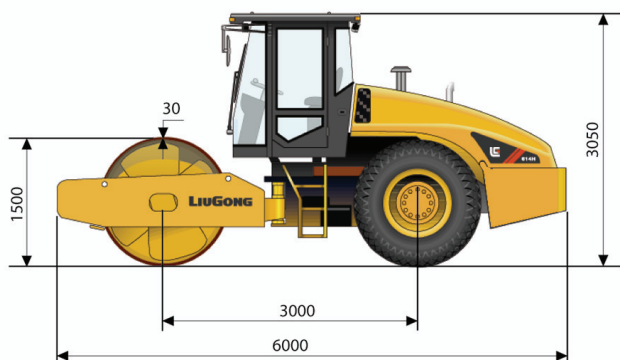
Operating Weight with Ballast	14,000 kg
Weight on Front Drum	7,400 kg
Weight on Tires	6,600 kg

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



Unit: mm

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