

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 10,100 kg

610H ROLLER

 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

610H 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

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

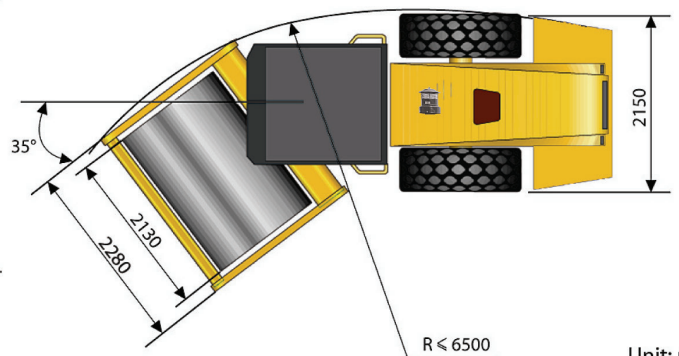
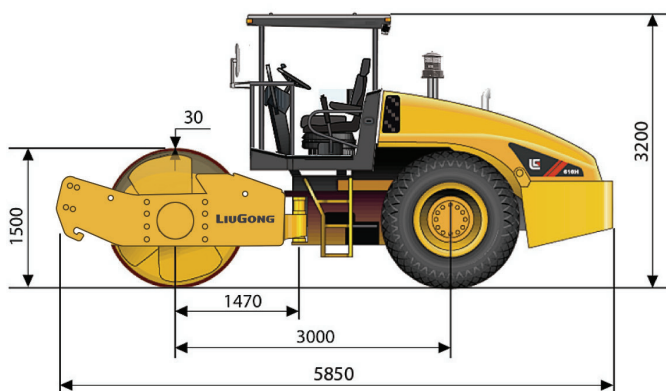
HYDRAULIC SYSTEM	
Main Pump Type	piston pump + gear pump
Main Relief Pressure	420 + 180 bar

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	10,100 kg
Weight on Front Drum	5,450 kg
Weight on Tires	4,650 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

Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
 T: +86 772 3886124 E: overseas@liugong.com
 www.liugong.com

05/2014 Designed by Liugong

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