

**Engine**                Shangchai SC5D130G2B1  
**Net Power**        86 kW (117 hp) @ 2,050 rpm  
**Vibration Frequency Range**        30 Hz  
**Centrifugal Force Range**        270 kN / 170 kN  
**Working Width**                2,130 mm  
**Operating Weight**                14,000 kg

# 6114<sup>ROLLER</sup>

**LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

# 6114 SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Make	Shangchai
Model	SC5D130G2B1
Gross Power	95 kW (127 hp) @ 2,050 rpm
Net Power	86 kW (117 hp) @ 2,050 rpm
Peak Torque	490 N · m
Number of Cylinders	4
Aspiration	turbocharged
Cooling Type	water

ELECTRICAL SYSTEM	
System Voltage	24 V

DRIVE TRAIN	
Theoretical Gradeability, without/ 30 % with Vibration	
Transmission Type	synchronous shift
Maximum Speed, fwd	11 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

BRAKES	
Service Brake Type	caliper dry disc
Service Brake Actuation	air over hydraulic
Parking Brake Actuation	spring apply; mechanical release

TIRES	
Tire Size	20.5 - 25 - 16 PR
Tire Tread	L - 3

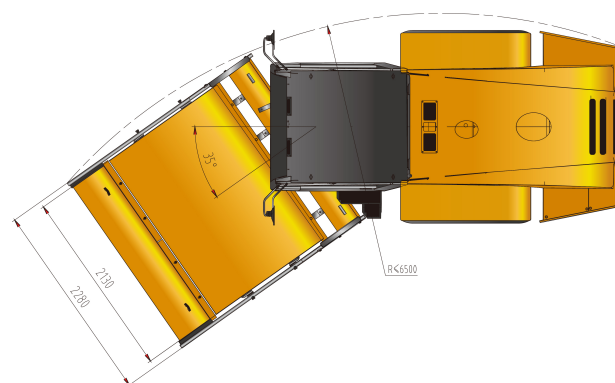
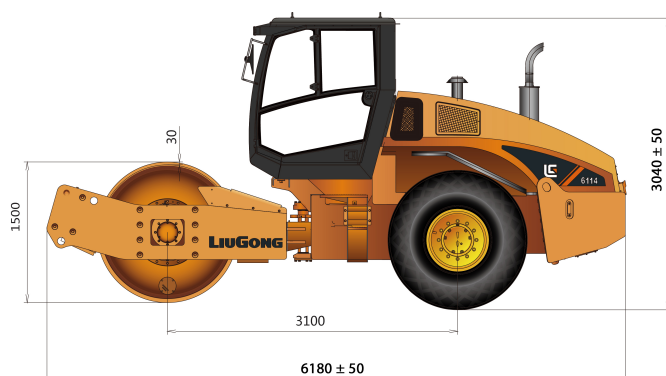
HYDRAULIC SYSTEM	
Main Pump Type	gear pump
Main Relief Pressure	18 MPa

PERFORMANCE	
Static Linear Front Drum Load	322 kg-mm
Number of Vibrating Drums	1
Nominal Amplitude Range	1.75 / 0.85 mm
Vibration Frequency Range	30 Hz
Centrifugal Force Range	270 / 170 kN
Number of Amplitude Settings	1

OPERATING WEIGHTS	
Operating Weight with Ballast	14,000 kg
Weight on Front Drum	7,000 kg
Weight on Tires	7,000 kg

SERVICE CAPACITIES	
Fuel Tank	285 L
Engine Oil	14 L
Cooling System	32 L
Transmission and Torque Converter	14.5 L

OPTIONAL EQUIPMENT	
Padfoot Drum Segment Kit ( PDH )	
Rotary Beacon	
Backup Alarm	
Air-Conditioner	
Rhombic Pattern Tire	



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

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