



Engine	Shangchai
Gross Power	128 kW @ 2,150 rpm
Vibration Frequency Range	30 Hz
Centrifugal Force Range	280 kN / 150 kN
Working Width	2,320 mm
Operating Weight	16,800 kg

616L

Landfill Compactor



ENGINE

Emission Regulation	Tier 1 / Stage I
Make	Shangchai
Gross Power	128 kW @ 2,150 rpm
Peak Torque	720 N.M
Number of Cylinders	6
Aspiration	turbocharged
Cooling Type	water

ELECTRICAL SYSTEM

System Voltage	24 V
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DRIVE TRAIN

Theoretical Gradeability, without/with vibration	22 %
Transmission Type	synchronous shift
1 st Maximum Speed, fwd	3 km/h
2 nd Maximum Speed, fwd	5.9 km/h
3 rd Maximum Speed, fwd	12.4 km/h
Inside Turning Radius	<4,180 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 disc
Service Brake Actuation	air over hydraulic
Parking Brake Actuation	drum

HYDRAULIC SYSTEM

Main Pump Type	gear pump
Main Relief Pressure	180 bar

PERFORMANCE

Number of Vibrating Drums	1
Nominal Amplitude Range	1.6 / 0.9 mm
Vibration Frequency Range	30 Hz
Centrifugal Force Range	280/150 kN
Number of Amplitude Settings	1

OPERATING WEIGHTS

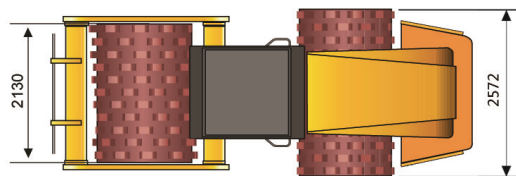
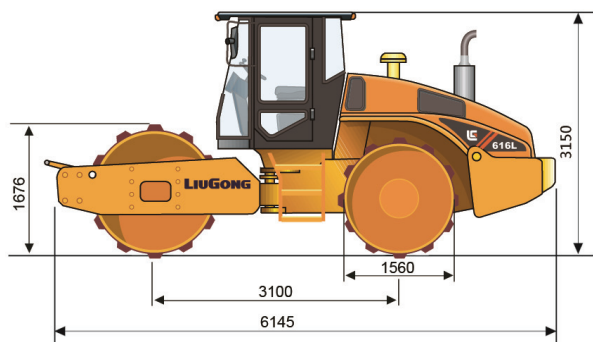
Operating Weight with Ballast	16,800 kg
Weight on Front Drum	8,300 kg
Weight on Tires	8,500 kg

SERVICE CAPACITIES

Fuel Tank	285 L
Engine Oil	19 L
Cooling System	32 L
Transmission and Torque Converter	14.5 L

OPTIONAL EQUIPMENT

- Rotary Beacon
- Backup Alarm
- Air-Conditioner



Unit: mm

Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China

T: +86 772 388 6124 E: overseas@liugong.com

www.liugong.com

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