



Engine	Shangchai
Net Power	115 kW (156 hp) @ 2,000 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 2 / Stage II
Make	Shangchai
Gross Power	128 kW (172 hp) @ 2,000 rpm
Net Power	115 kW (156 hp) @ 2,000 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
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 dry disc
Service Brake Actuation	air over hydraulic
Parking Brake Actuation	drum

HYDRAULIC SYSTEM

Main Pump Type	gear pump
Main Relief Pressure	18 MPa

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

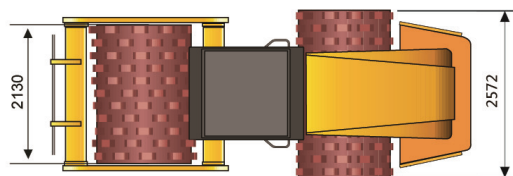
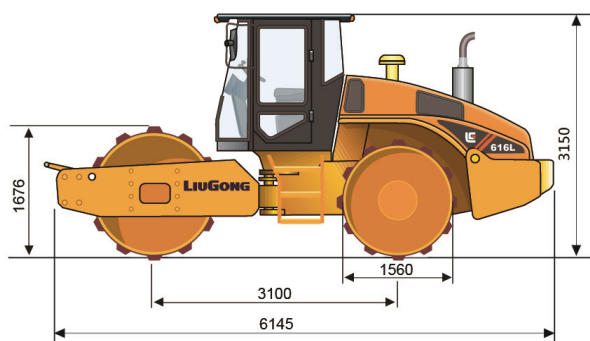
Operating Weight with Ballast	16,800 kg
Weight on Front Drum	8,300 kg
Weight on Tires	8,500 kg

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

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