



<b>Engine</b>	Cummins QSB4.5
<b>Rated Power</b>	119 kW (160 hp / 162 ps) @ 2,200 rpm
<b>Nominal Amplitude Range</b>	2.0 / 1.1 mm
<b>Vibration Frequency Range</b>	30 / 33 Hz
<b>Centrifugal Force Range</b>	300 / 190 kN
<b>Working Width</b>	2,130 mm
<b>Operating Mass</b>	12,200 kg

# 6612E ROLLER

TOUGH WORLD. TOUGH EQUIPMENT.

# 6612E SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Manufacturer	Cummins
Model	QSB4.5
Rated Power	119 kW (160 hp/162 ps) @ 2,200 rpm
Peak Torque	624 N·m
Number of Cylinders	4
Aspiration	Turbo & air-to-air intercooled
Cooling Type	Water

ELECTRICAL SYSTEM	
System Voltage	24 V

DRIVE TRAIN	
Theoretical Gradeability	50 %
Transmission Type	Hydraulic
1st Maximum Speed	4.5 km/h
2nd Maximum Speed	6.1 km/h
3rd Maximum Speed	6.7 km/h
4th Maximum Speed	12 km/h
Min. Outside Turning Radius	6,500 mm

STEERING	
Steering System	Hydraulic
Steering Method	Articulation
Steering Angle	± 35°
Steering Relief Pressure	16 MPa

BRAKES	
Service Brake Type	Hydraulic
Service Brake Actuation	Hydraulic
Parking Brake Actuation	Mechanical apply; Hydraulic release

OPTIONAL EQUIPMENT	
Padfoot Drum Segment Kit (PDH)	

TIRES	
Tire Size	23.1-26-12PR
Tire Pressure	200-220 kPa

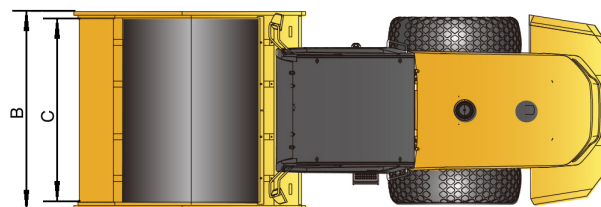
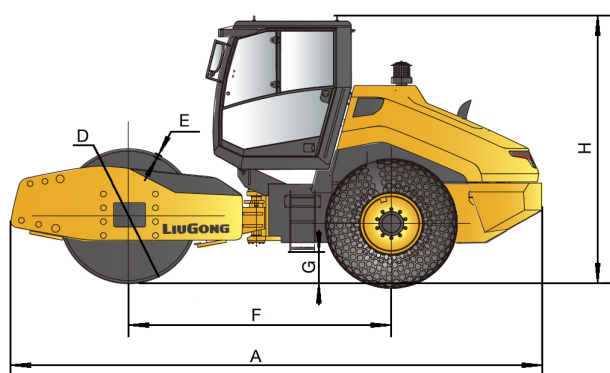
HYDRAULIC SYSTEM	
Main Pump Type	Piston Pump
Main Relief Pressure	35 MPa

PERFORMANCE	
Static Linear Front Drum Load	34 kg/cm
Number of Vibrating Drums	1
Nominal Amplitude Range	2.0 / 1.1 mm
Vibration Frequency Range	30 / 33 Hz
Centrifugal Force Range	300 / 190 kN
Number of Amplitude Settings	2

OPERATING MASS	
Operating Mass with Ballast	12,200 kg
Mass on Vibrating Drum	7,200 kg
Mass on Drive Axle	5,000 kg

SERVICE CAPACITIES	
Fuel Tank	200 L
Engine Oil	11 L
Hydraulic Oil Tank	100 L
Cooling System	28 L

DIMENSIONS	
A Overall Length	6,000 mm
B Overall Width	2,280 mm
C Drum Width	2,130 mm
D Drum Diameter	1,555 mm
E Drum Thickness	30 mm
F Wheelbase	2,980 mm
G Min. Ground Clearance	470 mm
H Overall Height	3,080 mm



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

04/2020 Designed by Liugong  
 Replace the previous versions of 08/2019