



<b>Engine</b>	Cummins QBS7
<b>Rated Power</b>	169 kW (226 hp / 230 ps) @ 2,050 rpm
<b>Nominal Amplitude Range</b>	2.0 / 1.3 mm
<b>Vibration Frequency Range</b>	30 / 33 Hz
<b>Centrifugal Force Range</b>	415 / 327 kN
<b>Working Width</b>	2,130 mm
<b>Operating Mass</b>	18,000 kg

# 6618E ROLLER

TOUGH WORLD. TOUGH EQUIPMENT.

# 6618E SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier3 / Stage III
Manufacturer	Cummins
Model	QSB7
Rated Power	169 kW (226 hp / 230 ps) @ 2,050 rpm
Peak Torque	895 N·m
Number of Cylinders	6
Aspiration	Turbo & air-to-air intercooled
Cooling Type	Water
Displacement	6.7 L

OPERATING MASS	
Operating Mass	18,000 kg
Mass On Vibrating Drum	11,500 kg
Mass On Drive Axle	6,500 kg
Front Drum Static Linear Load	540 N/cm

DRIVE TRAIN	
Theoretical Gradeability	50%
1st Maximum Speed	3.8 km/h
2nd Maximum Speed	5 km/h
3rd Maximum Speed	5.8 km/h
4th Maximum Speed	10 km/h
Steering Angle	± 35°
Swing angle	± 12°
Min. Outside Turning Radius	7,000 mm

DRIVE AXLE	
Brand	Liugong
Model	AR400

PADFOOT	
Padfoot Thickness	18 mm
Padfoot Height	80 mm
Unit Area of Per Padfoot	110 cm <sup>2</sup>
Grounding Area	612 cm <sup>2</sup>
Number of Padfoot	132
Gross Weight of Padfoot	1,120 kg

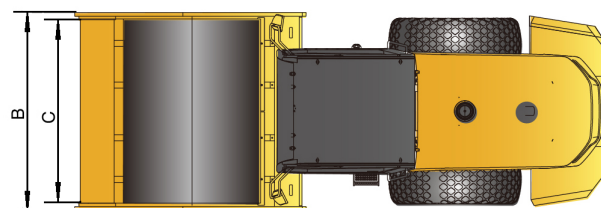
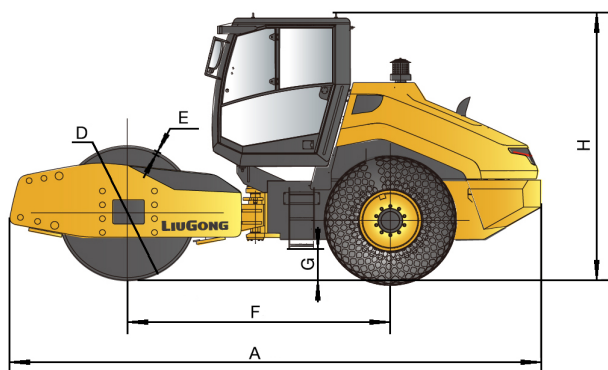
TIRES	
Tire Size	23.1-26-12PR
Tire Pressure	200 - 220 kPa

HYDRAULIC DISPLACEMENT	
Brand	Danfoss
Travel Pump	100 mL
Vibrating Pump	100 mL
Travel Motor	80+110 mL
Vibrating Motor	75 mL
Brand	Brevini
Reduction Gear	95.3

COMPACTION	
Vibration Frequency	30 / 33 Hz
Nominal Amplitude	2.0 / 1.3 mm
Centrifugal Force	415 / 327 kN

VOLUME	
Battery	24/200 V/Ah
Alternator	28/70 V/A
Rear Axle	38.5 L
Vibrating Housing	3.0×2 L
Fuel Tank	282 L
Hydraulic Oil Tank	120 L
Engine Oil	20 L
Coolant	25 L

DIMENSIONS	
A Overall Length	6,530 mm
B Overall Width	2,340 mm
C Drum Width	2,130 mm
D Drum Diameter	1,600 mm
E Drum Thickness	45 mm
F Wheelbase	3,300 mm
G Min. Ground Clearance	415 mm
H Overall Height	3,450 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.

04/2022 Designed by LiuGong  
Replace the previous versions of 08/2019