



Engine
Rated Power
Nominal Amplitude Range
Vibration Frequency Range
Centrifugal Force Range
Working Width
Operating Weight

Cummins F3.8
55 kW @ 2,200 rpm
1.8 / 0.8 mm
32 / 36 Hz
122 / 92 kN
1,680 mm
7,500 kg

6608F ROLLER

6608F SPECIFICATIONS >>>

ENGINE

Emission Regulation	EU Stage V
Manufacturer	Cummins
Model	F3.8
Exhaust Gas After-treatment	EGR+DOC+DPF
Rated Power	55 kW @ 2,200 rpm
Number of Cylinders	4
Aspiration	Turbo air-to-air ,Aftercooled
Cooling Type	Water

ELECTRICAL SYSTEM

System Voltage	24 V
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DRIVE TRAIN

Theoretical Gradeability	60%
Transmission Type	Hydraulic
Travel Speed	0-12 km/h
Min. Outside Turning Radius	5,500 mm

STEERING

Steering System	Hydraulic
Steering Method	Articulation
Steering Angle	±35°
Oscillating Angle	±10°

BRAKES

Service Brake Type	Hydraulic
Parking Brake Type	Mechanical Apply; Hydraulic Release

TIRES

Tire Size	14.9-24-8PR
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PERFORMANCE

Front Drum Static Linear Load	223 N/cm
Nominal Amplitude Range	1.8 / 0.8 mm
Vibration Frequency Range	32 / 36 Hz
Centrifugal Force Range	122 / 92 kN

OPERATING WEIGHT

Operating Weight with Cab	7,500 kg
Operating Weight with Padfoot	8,350 kg
Mass on Vibrating Drum	3,750 kg
Mass on Drive Axle	3,750 kg

SERVICE CAPACITIES

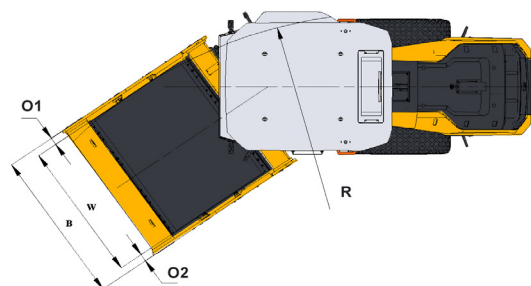
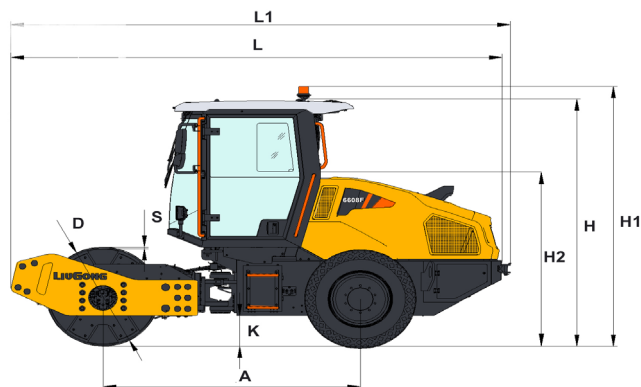
Fuel Tank	150 L
Hydraulic Oil Tank	55 L

STANDARD EQUIPMENT

A Wheelbase	2,800 mm
K Min. Ground Clearance	380 mm
D Drum Diameter	1,220 mm
S Drum Thickness	20 mm
L Overall Length	5,350 mm
L1 Length of Trailer Hook Included (Removable)	5,433 mm
H2 Height without Cab	2,120 mm
H Overall Height	3,040 mm
H1 Height of Warning Light Included	3,197 mm
B Overall Width	1,860 mm
W Drum Width	1,680 mm
O1 Overhang,Right	90 mm
O2 Overhang,Left	90 mm
R Min. Outside Turning Radius	5,500 mm

OPTIONAL EQUIPMENT

Padfoot,Welded-On	Padfoot,Bolt-On (Removable)
Compaction Meter	



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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.

09/2025 Designed by LiuGong
Replace the previous versions of 08/2025