LiuGong



Engine	Cummins 4BTAA3.9-C110
Rated Power	82 kW (110 hp / 111 ps) @ 2,200 rpm
Nominal Amplitude Range	0.45 / 0.25 mm
Vibration Frequency Range	50 / 67 Hz
Centrifugal Force Range	79 / 68 kN
Working Width	1,500 mm
Operating Weight	7,800 kg

6208E ROLLER

TOUGH WORLD. TOUGH EQUIPMENT.

6208E SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Manufacturer	Cummins
Model	4BTAA3.9-C110
Rated Power	82 kW (110 hp / 111 ps) @ 2,200 rpm
Peak Torque	500 N·m
Number of Cylinders	4
Aspiration	Turbo air-to-air, aftercooled
Cooling Type	Water

ELECTRICAL SYSTEM	
System Voltage	12 V

DRIVE TRAIN	
Theoretical Gradeability	35%
Transmission Type	Hydrostatic
1st Max. Travel Speed, Fwd	7 km/h
2nd Max. Travel Speed, Fwd	13 km/h
Min. Outside Turning Radius	6,000 mm

AXLES	
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

DIMENSIONS	
A Overall Length	4,600 mm
B Overall Width	1,640 mm
C Drum Width	1,500 mm
D Drum Diameter	1,150 mm
E Drum Thickness	15 mm
F Wheelbase	3,250 mm
G Min. Ground Clearance	280 mm
H Overall Height	3,050 mm

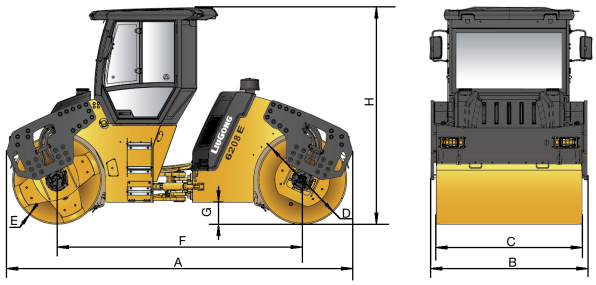
HYDRAULIC SYSTEM	
Main Pump Type	Piston pump
Main Relief Pressure	34.5 MPa

PERFORMANCE	
Front Drum Static Linear Load	260 N/cm
Rear Drum Static Linear Load	260 N/cm
Number of Vibrating Drums	2
Nominal Amplitude Range	0.45 / 0.25 mm
Vibration Frequency Range	50 / 67 Hz
Centrifugal Force Range	79 / 68 kN
Number of Amplitude Settings	2

OPERATING WEIGHTS	
Operating Weight with Ballast	7,800 kg
Weight on Front Drum	3,900 kg
Weight on Tires	3,900 kg

SERVICE CAPACITIES	
Fuel Tank	100 L
Engine Oil	11.5 L
Hydraulic Oil Tank	60 L
Cooling System	20 L

OPTIONAL EQUIPMENT
Open Cabin
Compaction Meter



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03/2023 Designed by LiuGong

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.