



Engine	Shangchai SC8D190G2B1
Rated Power	140 kW (188 hp / 190 ps) @ 2,200 rpm
Nominal Amplitude Range	2.0 / 1.2 mm
Vibration Frequency Range	28 / 33 Hz
Centrifugal Force Range	400 / 280 kN
Working Width	2,130 mm
Operating Mass	20,000 kg

6620E ROLLER

6620E SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Manufacturer	Shangchai
Model	SC8D190G2B1
Rated Power	140 kW (188 hp / 190 ps) @ 2,200 rpm
Peak Torque	650 N·m
Number of Cylinders	6
Aspiration	Turbo & air-to-air intercooled
Cooling Type	Water

ELECTRICAL SYSTEM

System Voltage	24 V
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DRIVE TRAIN

Theoretical Gradeability	45 %
Transmission Type	Hydraulic
1st Maximum Speed	4 km/h
2nd Maximum Speed	5.5 km/h
3rd Maximum Speed	6.5 km/h
4th Maximum Speed	10.5 km/h
Min. Outside Turning Radius	7,000 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	592 N/cm
Number of Vibrating Drums	1
Nominal Amplitude Range	2.0 / 1.2 mm
Vibration Frequency Range	28 / 33 Hz
Centrifugal Force Range	400 / 280 kN
Number of Amplitude Settings	2

OPERATING MASS

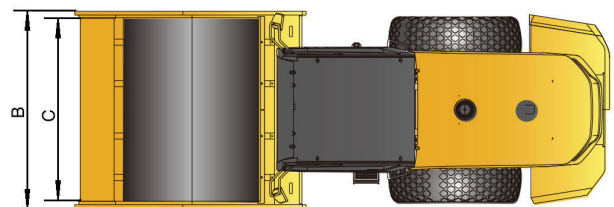
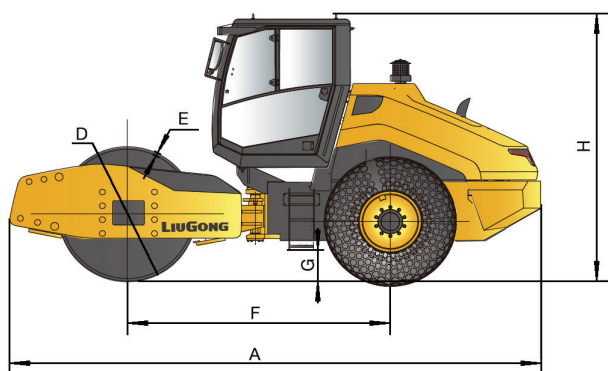
Operating Mass with Ballast	20,000 kg
Mass on Vibrating Drum	13,200 kg
Mass on Drive Axle	6,800 kg

SERVICE CAPACITIES

Fuel Tank	373 L
Engine Oil	19 L
Hydraulic Oil Tank	90 L
Cooling System	32 L

DIMENSIONS

A Overall Length	6,450 mm
B Overall Width	2,400 mm
C Drum Width	2,130 mm
D Drum Diameter	1,600 mm
E Drum Thickness	45 mm
F Wheelbase	3,250 mm
G Min. Ground Clearance	440 mm
H Overall Height	3,050 mm



Specifications and design are subject to change 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.

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