



Engine	Shangchai SC9DK240G3
Rated Power	177 kW (237 hp / 241 ps) @ 2,200 rpm
Nominal Amplitude Range	2.1 / 1.2 mm
Vibration Frequency Range	28 / 32 Hz
Centrifugal Force Range	520 / 400 kN
Working Width	2,200 mm
Operating Mass	30,000 kg

6630E ROLLER

6630E SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Manufacturer	Shangchai
Model	SC9DK240G3
Rated Power	177 kW (237 hp / 241 ps) @ 2,200 rpm
Peak Torque	1,040 N·m
Number of Cylinders	6
Aspiration	Turbo & air-to-air aftercooled
Cooling Type	Water

ELECTRICAL SYSTEM	
System Voltage	24 V

DRIVE TRAIN	
Theoretical Gradeability	45 %
Transmission Type	Hydraulic
1st Maximum Speed	4.1 km/h
2nd Maximum Speed	5.6 km/h
3rd Maximum Speed	6.2 km/h
4th Maximum Speed	10.4 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	Friction disc
Service Brake Actuation	Hydraulic
Parking Brake Actuation	Mechanical apply; Hydraulic release

OPTIONAL EQUIPMENT	
Padfoot Drum Segment Kit (PDH)	

TIRES	
Tire Size	23.5-25-16PR
Tire Pressure	300-330 kPa

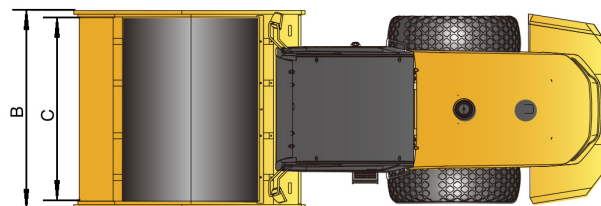
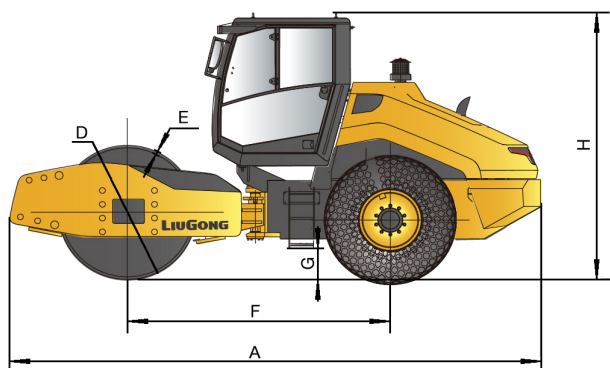
HYDRAULIC SYSTEM	
Main Pump Type	Piston Pump
Main Relief Pressure	35 MPa

PERFORMANCE	
Static Linear Front Drum Load	845 N/cm
Number of Vibrating Drums	1
Nominal Amplitude Range	2.1 / 1.2 mm
Vibration Frequency Range	28 / 32 Hz
Centrifugal Force Range	520 / 400 kN
Number of Amplitude Settings	2

OPERATING MASS	
Operating Mass with Ballast	30,000 kg
Mass on Vibrating Drum	18,600 kg
Mass on Drive Axle	11,400 kg

SERVICE CAPACITIES	
Fuel Tank	282 L
Engine Oil	22 L
Hydraulic Oil Tank	120 L
Cooling System	36 L

DIMENSIONS	
A Overall Length	6,680 mm
B Overall Width	2,580 mm
C Drum Width	2,200 mm
D Drum Diameter	1,700 mm
E Drum Thickness	50 mm
F Wheelbase	3,250 mm
G Min. Ground Clearance	500 mm
H Overall Height	3,150 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.

11/2022 Designed by LiuGong
Replace the previous versions of 01/2022