



Engine	Kubota D1803
Rated Power	24.6 kW (33 hp / 33 ps) @2,400 rpm
Nominal Amplitude Range	0.45 mm
Vibration Frequency Range	55 / 65 Hz
Centrifugal Force Range	35 / 40 kN
Working Width	1,200 mm
Operating Weight	2,700 kg

6027F ROLLER

6027F

SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Stage V
Manufacturer	Kubota
Model	D1803
Rated Power	24.6 kW (33 hp / 33 ps) @2,400 rpm
Peak Torque	114.1 N·m
Number of Cylinders	3
Aspiration	Turbo
Cooling Type	Water
Displacement	1.826 L

ELECTRICAL SYSTEM	
System Voltage	12 V / 60 A
Battery	12 V / 72 Ah

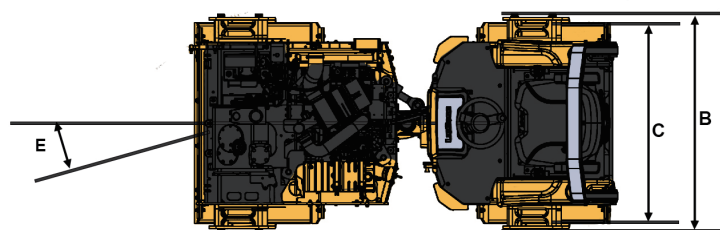
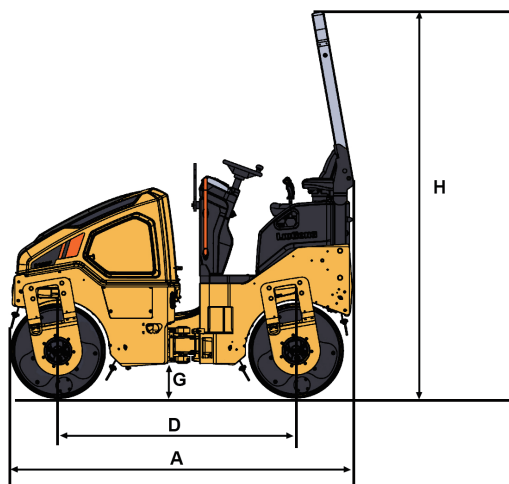
DRIVE TRAIN	
Theoretical Gradeability	30%
Operating Speed, Fwd	0-10 km/h
Min. Outside Turning Radius	2,760 mm

PERFORMANCE	
Front Drum Static Linear Load	11.2 N/cm
Rear Drum Static Linear Load	11.2 N/cm
Number of Vibrating Drums	2
Nominal Amplitude	0.45 mm
Vibration Frequency	55/65 Hz
Centrifugal Force	35/40 kN
Drum Diameter	720 mm
Drum Width	1,200 mm
Drum Thickness	11 mm

OPERATING WEIGHT	
Operating Weight	2,700 kg
Weight on Front Drum	1,350 kg
Weight on Rear Drum	1,350 kg

SERVICE CAPACITIES	
Fuel Tank	45 L
Engine Oil	7 L
Hydraulic Oil Tank	43 L
Cooling System	3 L
Vibrating Housing	5.5×1 L
Water Tank	180 L

DIMENSIONS	
A Overall Length	2,535 mm
B Overall Width	1,300 mm
C Compaction Width	1,200 mm
D Wheelbase	1,760 mm
E Steering Angle	±32°
G Min. Ground Clearance	255 mm
H Overall Height	2,860 mm
Swing Angle	7±1°



Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
T: +86 772 3886124 E: overseas@liugong.com
www.liugong.com

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.

10/2024 Designed by LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

Guangxi LiuGong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
T: +86 772 388 6124 E: overseas@liugong.com
www.liugong.com

Like and follow us:



LG-6027F-STAGE V-102024-ENG

The LiuGong series of logos herein, including but not limited to word marks, device marks, letter of alphabet marks and combination marks, as the registered trademarks of Guangxi LiuGong Group Co., Ltd. are used by Guangxi LiuGong Machinery Co., Ltd. with legal permission, and shall not be used without permission. Specifications and designs are subject to change without notice. Illustrations and pictures may include optional equipment and may not include all standard equipment. Equipment and options varies by regional availability.