Engine
Gross Power
Vibration Frequency Range
Centrifugal Force Range
Drum Width
Operating Weight

Kirloskar 4R1040TA3 105 hp @ 2,200 rpm 32 / 34 Hz 290 kN / 155 kN 2130 mm 11,000 Kg

611 Soil Compactor





TOUGH WORLD. TOUGH EQUIPMENT.

611 SPECIFICATIONS. >>>

ENGINE	
Emission	BSIII
Make	Kirloskar
Model	4R1040TA3
Gross Power	77.3 kW (105 hp) @ 2,200 rpm
Peak Torque	375 N·m @ 1,300 rpm
Aspiration	Turbocharged
Cylinders	4
Cooling Type	Liquid

DRIVE TRAIN	
Gradeability, without / with DD	35% / 45%
Transmission Type	Hydrostatic
Working Speed	8.5 km/h
Traveling Speed	13 km/h

STEERING	
Steering System	Articulation
Steering Angle	±35°
Steering Pressure	16 MPa
Differential Rear Type	Limited Slip Standard

BRAKES	
Service Brake Type	Hydrostatic propulsion system
Parking Brake Actuation	Mechanical Apply,
	Hydraulic release

ELECTRICAL SYSTEM	
Battery (V)	24
Alternator (V / A)	24 / 55

HYDRAULIC SYSTEM

Vibration System

Type-Variable displacement Bi- Directional Axial Piston Pump with EDC.

Travel System

Type- Hydrostatic drive with variable displacement pump with MDC.

PERFORMANCE		
Vibration Stage	1	2
Frequency Range	32	34 Hz
Amplitude Range	2	1 mm
Centrifugal force	290	155 kN
Static Linear Front Drum Load	29.1	29.1 kg/cm

OPERATING DATA	
Operating Weight	11,000 Kg

SERVICE CAPACITIES	
Fuel tank	300 L
Hydraulic Tank	90 L
Engine Crank Case	9.5 L
Engine Coolant	32 L
Hydraulic System	120 L

TIRES	
Tire Size	23.1 - 26 - 12 PR

DIMENSIONS	
Wheelbase	3,000 mm
Overall width of the machine	2,280 mm
Rear Overhang	1,730 mm
Diameter of drum	1,500 mm
Height of silencer from ground level	2,330 mm
Overall height of the machine (in transport)	3,050 mm
Ground Clearance	430 mm
Overall length of the machine	5,850 mm
Side Overhang	75 mm
Overall width of the drum	2,130 mm

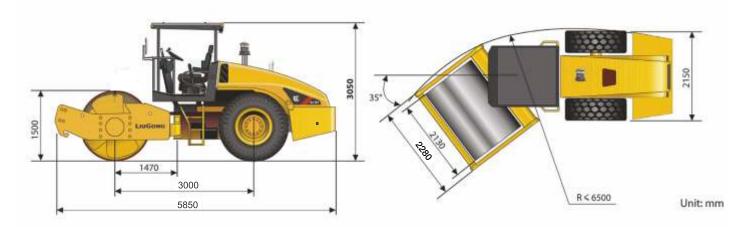
INSTRUMENTATION	
Indicators	Turn indicator, parking indicator,
batte	ry charging & Travel speed indicator
Gauges	Coolant temperature, Fuel gauge,
	Service hour meter & RPM meter
Warning lights/alarms	Warning indicator for engine
	oil pressure, air filter clog

OPTIONAL

Drum Drive

Padfoot Drum Segment Kit (PDH)

Rotary Beacon Compaction Meter



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