

Engine	Kirloskar 4R1040TA3
Gross Power	105 hp @ 2,200 rpm
Vibration Frequency Range	32 / 34 Hz
Centrifugal Force Range	290 kN / 155 kN
Drum Width	2130 mm
Operating Weight	11,000 Kg

**611**

**Soil Compactor**

**LIUGONG**



**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
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## 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
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## 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, battery 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

