



<b>Engine</b>	Yanmar 3TNV80F-SNLY
<b>Gross Power</b>	20.4 hp (15.2 kW) @ 2,500 rpm
<b>Standard Bucket Capacity</b>	0.08 m <sup>3</sup>
<b>Maximum Dig Depth</b>	2,857 mm
<b>Operating Weight</b>	2,840 kg

## **9027F**

# **EXCAVATOR**

# 9027F SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 4 / Stage V
Manufacturer	Yanmar
Model	3TNV80F-SNLY
Gross Power	20.4 hp (15.2 kW) @ 2,500 rpm
Peak Torque	67.3 N·m @ 1,800 rpm
Number of Cylinders	3
Displacement	1.267 L

## HYDRAULIC SYSTEM

Main Pump Type	Variable Displacement Piston Pump
Main Pumps Total Flow	86.4 L/min
Relief Pressure, Main	21.6 MPa

## SWING SYSTEM

Swing Speed	9.5 rpm
Swing Motor	Axial Piston Motor

## DRIVE SYSTEM

Maximum Travel Speed (high/low)	4.5/2.7 km/h
Drawbar Pull	24.6 kN

## UNDERCARRIAGE

Track Shoe Width	300 mm
Number of Shoes per Side	41
Number of Bottom Rollers per Side	3
Number of Upper Rollers per Side	1

## OPERATING WEIGHT

Operating Weight	2,840 kg
------------------	----------

## SERVICE CAPACITIES

Fuel Tank	27 L
Engine Oil	4.4 L
Cooling System	5 L
Hydraulic Reservoir	26 L
Hydraulic System Total	40 L

## ELECTRICAL SYSTEM

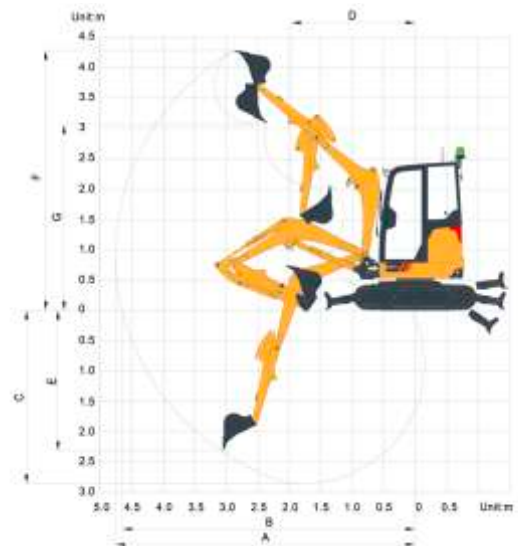
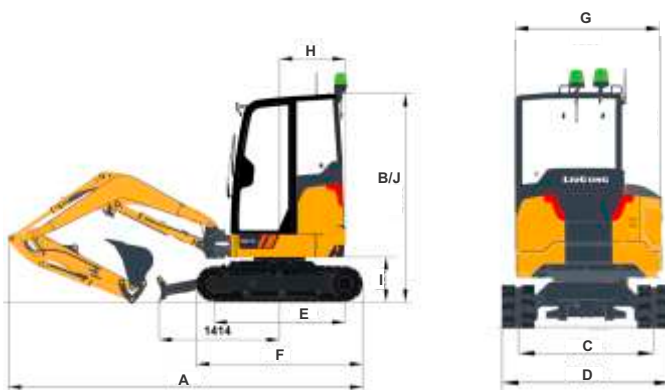
Voltage	12 V
---------	------

## WORKING RANGE

Boom Length	2,080 mm
Arm Length	1,300 mm
A Max. Digging Reach	4,757 mm
B Max. Digging Reach on Ground	4,648 mm
C Max. Digging Depth	2,857 mm
D Min. Front Swing Radius	1,965 mm
E Max. Vertical Wall Digging Depth	2,312 mm
F Max. Cutting Height	4,365 mm
G Max. Dumping Height	3,067 mm
Blade Up	350 mm
Blade Down	400 mm
Blade Width	1550 mm
Blade Height	302 mm
Bucket Digging Force (ISO)	20 kN
Arm Digging Force (ISO)	12 kN

## DIMENSIONS

A Shipping Length	4,160 mm
B Shipping Height	2,450 mm
C Track Gauge	1,250mm
D Undercarriage Width	1,550 mm
E Length to Center of Rollers	1,540 mm
F Track Length	1,953 mm
G Overall Width of Upper Structure	1,350mm
H Tail Swing Radius	775 mm
I Counterweight Ground Clearance	530 mm
J Overall Height of Cab	2,450 mm



**Corporate office**  
**LiuGong India Pvt. Ltd.**  
 101, Okhla Industrial Estate, Phase III  
 New Delhi- 110020  
 Tel.: 011- 47272200  
 www.liugong.com  
 india@liugong.com

**Plant Address:**  
 Plot No. 163, Industrial Area,  
 Sector - III, Pithampur,  
 Dist. - Dhar, Madhya Pradesh - 454774  
 Tel.: 07292-416700

Specifications and designs are subject to change without notice. Machines shown may include optional equipment.

**Mera LiuGong Mera Vishwas**  
**1800 1033 852**