



Engine
Power
Standard Bucket Capacity
Maximum Dig Depth
Maximum Operating Weight

Yanmar 3TNV80F-SNLY
20.4 hp (15.2 kW) @ 2,500 rpm
0.08 m³
2,857 mm
2,900 kg

9027F
EXCAVATOR

TOUGH WORLD. TOUGH EQUIPMENT.

9027F
SPECIFICATIONS >>>

ENGINE	
Make	Yanmar
Model	3TNV80F-SNLY
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 L/min
Relief Pressure, Main	21.6 MPa
Pilot Circuit	3.5-3.9 MPa

SWING SYSTEM	
Swing Speed	9.5 rpm
Swing Motor	Axial Piston Motor

DRIVE SYSTEM	
Maximum Travel Speed (high/low)	4.5/2.5 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

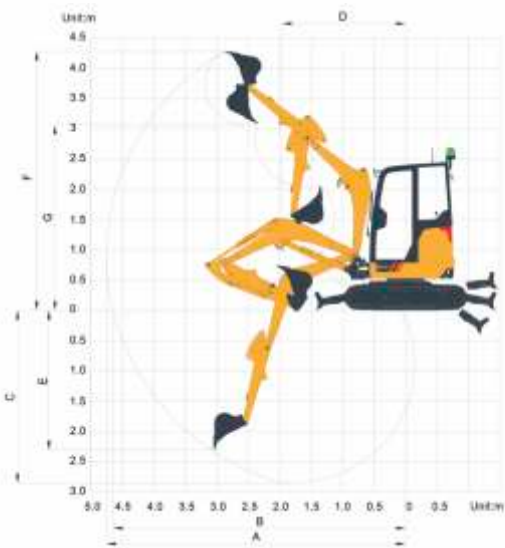
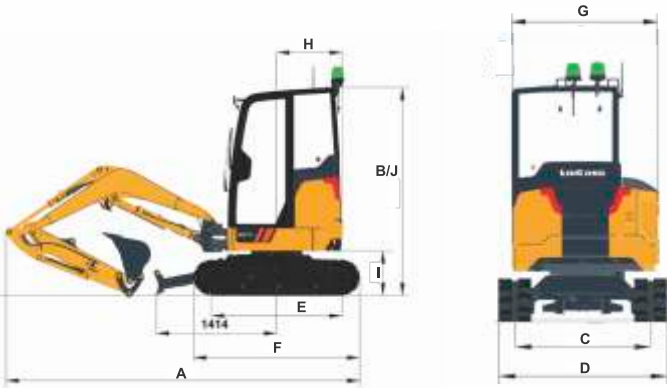
OPERATING WEIGHT	
Maximum Operating Weight	2,750 kg

SERVICE CAPACITIES	
Fuel Tank	31 L
Engine Oil	4.4 L
Cooling System	5 L
Hydraulic Reservoir	26 L

ELECTRICAL SYSTEM	
Voltage	12 V

WORKING RANGE	
Boom Length	2,080 mm
Arm Length	1,300 mm
A Maximum Digging Radius	4,757 mm
B Maximum Ground Digging Radius	4,648 mm
C Maximum Digging Depth	2,853 mm
D Minimum Front Swing Radius	1,965 mm
E Maximum Vertical Digging Depth	2,560 mm
F Maximum Cutting Height	4,365 mm
G Maximum Dumping Height	3,067 mm
Blade Up	350 mm
Blade Down	400 mm
Blade Width	1550 mm
Blade Height	302 mm
Maximum Bucket Digging Force (ISO)	20 kN
Maximum Arm Digging Force (ISO)	12 kN

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



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

LIUGONG CARE
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9027F EXCAVATOR



DESIGN TO DELIVER

HIGH PERFORMANCE, EFFICIENCY, RELIABILITY,
COMFORT AND SERVICEABILITY

POWERFUL ENGINE //

The new 9027F Excavator is powered by the latest fuel efficient Yanmar engine. It has a power rating of 20.4 hp.



LARGE BUCKET //

All sides reinforcement high strength buckets gives longer service life in tough applications.



ROBUST DOZER BLADE //

9027F has a sturdy 1.55m wider dozer blade and reinforced cylinder protection for better leveling and grading, ensuring durability and precision in construction and landscaping.



BUILT TO OUTPERFORM



CASTED BOOM PIVOT POINTS //

- Casted boom pivot points for enhanced durability and stability
- Utilization of high-quality casting materials
- Strong foundation ensuring optimal load-bearing capabilities
- Improved performance and longevity of the excavator



LOW PROFILE OPERATION //

Detachable canopy : The machine is designed to operate effectively in confined or low-height work environments, ensuring efficient performance without compromising on quality.



EASY SERVICE POINTS //

Centralized greasing simplifies lubrication with convenient points, enhancing equipment lifespan and reducing maintenance time. The wide engine window offers easy access and visibility for quick status checks and maintenance monitoring



ZERO TAIL RADIUS //

The 9027F rotates in tracks without encroaching, ideal for confined work sites, ensuring efficiency and agility in tight spaces where traditional excavators struggle.

