



Engine	Yanmar 3TNV80F-SNLY
Net Power	15.2 kW (20.4 hp) @ 2,500 rpm
Maximum Dig Depth	2,853 mm (9'4")
Standard Bucket Capacity	0.08 m ³ (0.1 yd ³)
Operating Weight	2,750 kg (6,063 lbs)

9027FZTS EXCAVATOR

TOUGH WORLD. TOUGH EQUIPMENT.

9027FZTS SPECIFICATIONS >>>

ENGINE

Emission Regulation	Stage V
Make	Yanmar
Model	3TNV80F-SNLY
Net Power	15.2 kW (20.4 hp) @ 2,500 rpm
Peak Torque	67.3 N·m (49.6 lbf·ft) @ 1,800 rpm
Number of Cylinders	3
Displacement	1.267 L (0.33 gal)

UNDERCARRIAGE

Shoe Width	300 mm (11 in)
Number of Shoes per Side	41
Number of Upper Rollers per Side	1
Number of Bottom Rollers per Side	3

BOOM & ARM

Boom Length	2,080 mm (6'9")
Arm Length	1,300 mm (4'3")

BUCKET PERFORMANCE

Std. Bucket Heaped Capacity (Referenced)	0.08 m ³ (0.1 yd ³)
Min. Heaped Capacity of Bucket Options	0.05 m ³ (0.07 yd ³)
Max. Heaped Capacity of Bucket Options	0.1 m ³ (0.13 yd ³)

TRACK DRIVE

Maximum Travel Speed	4.5 km/h (2.8 mph)
Drawbar Pull	24.6 kN (5,530 lbf)

SERVICE CAPACITIES

Fuel Tank	27 L (7.1 gal)
Engine Oil	4.4 L (1.2 gal)
Cooling System	5 L (1.3 gal)
Hydraulic Reservoir	26 L (6.9 gal)
Hydraulic System Total	32 L (8.5 gal)

HYDRAULIC SYSTEM

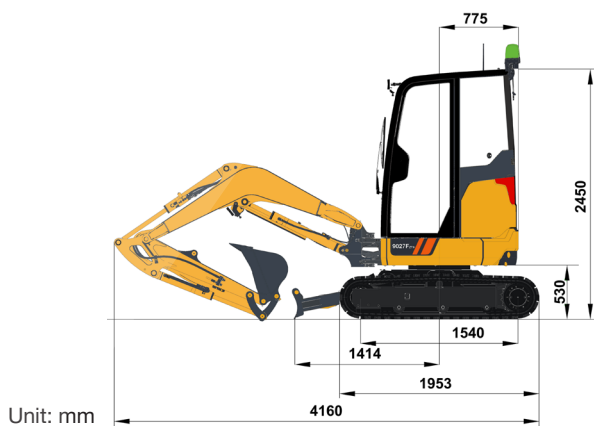
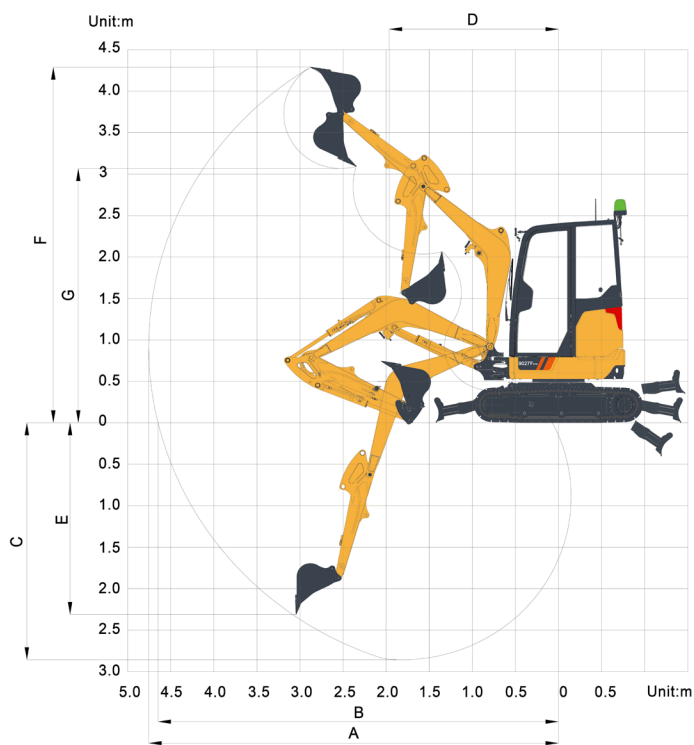
Main Pumps Total Flow	86.4 L/min (22.8 gal/min)
Relief Pressure, main	21.6 MPa (3,133 psi)

SWING SYSTEM

Swing Speed	9.5 rpm
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WORKING RANGE

A. Max. Digging Reach	4,757 mm (15'7")
B. Max. Digging Reach on Ground	4,648 mm (15'2")
C. Max. Digging Depth	2,857 mm (9'4")
D. Min. Front Swing Radius	1,965 mm (6'5")
E. Max. Vertical Wall Digging Depth	2,312 mm (7'7")
F. Max. Cutting Height	4,365 mm (14'3")
G. Max. Dumping Height	3,067 mm (10')
Bucket Digging Force (ISO)	20 kN (4,496 lbf)
Arm Digging Force (ISO)	12 kN (2,697 lbf)



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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 metric hp in this file (1 kW=1.34 hp).