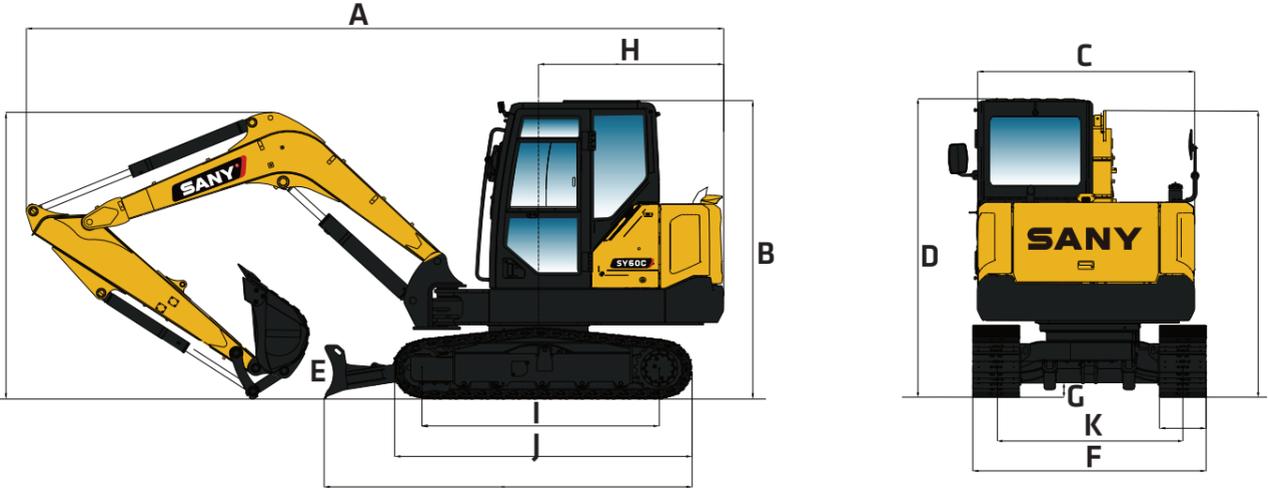




SY60C

MINI HYDRAULIC EXCAVATOR **13,603 LBS** OPERATING WEIGHT
56.9 HP GROSS HORSEPOWER
13' 1" MAX DIGGING DEPTH

TECHNICAL SPECIFICATIONS



DIMENSIONS STANDARD STICK

Boom Length	9' 10"
Stick (Arm) Length	5' 7"
A Transport Length	19' 8"
B Transport Height	8' 6"
C Upper Structure Width	6' 2"
D Cab Height	8' 6"
E Blade Height	1' 5"
F Track Width	6' 7"
G Ground Clearance	1' 1"
H Tail Swing Radius	5' 1"
I Track Length on Ground	6' 9"
J Track Length	8' 6"
K Track Gauge	6' 9"

SERVICE REFILL CAPACITIES

Fuel Tank Capacity	33.02 gal
Hydraulic Tank Capacity	22.45 gal
Engine Oil Capacity	2.54 gal
Cooling System Capacity	2.75 gal

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
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*Warranty applies to 2026 Excavator and Wheel Loader models

SANY America Inc. 318 SANY Way
 Peachtree City, Georgia 30269
 470.552.SANY sanyamerica.com



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MACHINE DATA STANDARD STICK

Operating Weight*	13,603
Bolt-on Counterweight	-
Ground Pressure	4.8 psi
Engine Model	4TNV98C
Displacement	202.5 in ³
Net Power	55.1 HP @2,000 rpm
Gross Power	56.9 HP @2,000 rpm
Hydraulics	Load Sensing with Pilot Control
Main Hydraulic Pump	Axial Piston - Variable Displacement
Operating Flow (Max)	39.1 gpm
Operating Pressure (Max)	3,916 psi
Auxiliary Flow	23.8 gpm
Auxiliary Pressure	3,626 psi
Travel Motor	Axial Piston with Park Brake
Travel Pressure (Max)	3,916 psi
Travel Speeds (Max)	1.4 / 2.5 mph
Travel Effort (Max)	13,489 lbf
Gradability	30°
Swing Motor	Axial Piston with Swing Brake
Swing Pressure (Max)	2,770 psi
Swing Speed (Max)	10 rpm
Undercarriage	Belted Rubber Track
Track Shoe Width	1' 4"
Track Rollers	5 Per Side
Carrier Rollers	1 Per Side

WORKING SPECIFICATIONS

WORKING RANGE STANDARD STICK

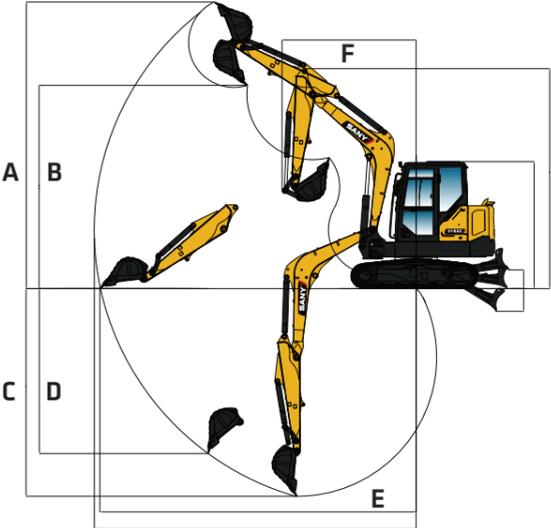
Boom Length	9' 10"
Stick (Arm) Length	5' 7"
A Maximum Digging Height	18' 10"
B Maximum Dumping Height	13' 2"
C Maximum Digging Depth	13' 1"
D Maximum Vertical Wall Digging Depth	10' 6"
E Maximum Reach at Ground Level	20' 2"
F Minimum Swing Radius	8' 8"

DIGGING PERFORMANCE STANDARD STICK

Boom Length	9' 10"
Stick (Arm) Length	5' 7"
Bucket Breakout Force (ISO)	10,116 lbf
Stick (Arm) Digging Force (ISO)	7,419 lbf

*Operating weight is for the SY60C with no attachments, and standard stick.

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MINI HYDRAULIC EXCAVATOR SY60C

STANDARD FEATURES

ENGINE

- Yanmar 4TNV98C-WSY
- Tier 4F / EU Stage V Ready
- Auto-idle and shutoff
- Dual-element dry air filter
- Coolant Expansion tank
- Electronic engine control
- Fan guard
- Engine coolant to -37 deg. C (-34 deg. F)
- Full-flow oil filter
- High flow cooling fan
- 500-hour engine-oil-change interval
- No scheduled DPF maintenance for 6000 hours
- Fuel filter and water separator

HYDRAULIC SYSTEM

- Spring-applied, hydraulically released automatic swing brake
- Load sensing hydraulic system
- Control pattern change valve
- Primary auxiliary hydraulic circuit with 1 and 2-way combination piping
- Auxiliary hydraulic-flow adjustments through monitor
- Adjustable auxiliary pressure relief
- Quick coupler ready

UNDERCARRIAGE

- Planetary drive with axial piston motors
- Propel motor shields
- Spring-applied, hydraulically released automatic propel brake
- Track guides, front idler and 2 per side
- 2-speed travel selection through display
- 5 lower track rollers each side
- 1 upper carrier roller each side
- Dozer blade with float function and cylinder guarding
- Tie downs on track frame and dozer blade
- 400mm (16") wide rubber tracks
- 400mm (16") wide steel tracks
- Case drain line
- Undercarriage frame opening guard

UPPERSTRUCTURE

- Right-hand, left-hand, and counterweight mirrors
- Lockable cab, hood, and service doors
- Debris screen in side panel
- Remote-mounted engine oil and fuel filters
- Daily fluid level inspection visible from ground
- Rear reflectors

ATTACHMENTS

- Convenient grease points
- Dirt seals on all bucket pins
- Thumb bracket

ATTACHMENTS

- Oil-impregnated bushings
- Reinforced thrust plates
- Quick coupler plumbing to end of the stick

OPERATOR'S STATION

- Hydraulic pilot controls for boom, stick, swing, and travel operations
- Proportional auxiliary switches on joystick
- Travel levers with foot pedals
- AM/FM radio with bluetooth and a 12V outlet port
- Cell phone tray
- Weight adjustable suspension cloth seat with fore/aft adjustment and adjustable armrests
- Retractable seatbelt
- Emergency stop switch
- Sliding front window
- Removable lower front window
- Window breaker
- ECO mode switch
- 8 tool selection modes
- Fully adjustable auxiliary flow circuits and pressure from display
- Multifunction LCD monitor with: Auto-shutoff indicator and setup, Radio with Bluetooth, HVAC control, operator and owner master passwords and diagnostic capability / multiple-language
- Operator E-Panel
- Keyless start switch and engine speed throttle
- System monitoring features: Auto-idle indicator, 2-speed indicator, work-mode indicator, preheat icon, time and date, battery charge icon, throttle position, engine oil pressure alarm, DPF regeneration inhibit indicator, fuel level gauge, maintenance needed icon, failure code, standard/eco work mode icon, engine coolant temperature, coolant temp alarm, severe failure alarm, work tool mode icon, operating hours
- High performance heating, ventilation, and air conditioning system
- Operation and maintenance manual storage
- Heavy duty removeable rubber floor mat
- Front windshield wiper with high and low speed
- Horn, electric
- Hour meter, electric
- Hydraulic shutoff lever, all controls
- Interior light
- Cup holder
- Travel alarm with cancel switch
- Transparent overhead hatch with retractable sun shade

ELECTRICAL

- 12V electrical system
- Maintenance free battery
- Ground level battery disconnect
- Easy access fuse panel
- Terminal battery covers
- 80-amp alternator
- 12V power outlet

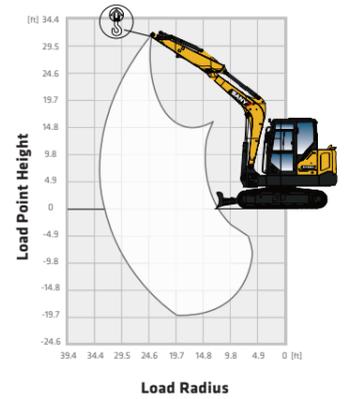
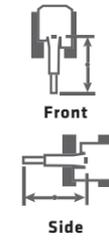
LIGHTS

- Work lights: 3 mounted on top of cab, 1 mounted on boom, magnetic beacon

LIFTING PERFORMANCE

- Standard 9' 10" Boom
- Standard 5' 7" Stick
- Standard 1' 4" Track Shoes
- No Bucket

Ratings are based on ISO 10567:2007. Lift capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of hydraulic lifting capacity.



Blade Up

B (HEIGHT)	6.6 FT		9.8 FT		13.1 FT		16.4 FT		MAX	
LOAD POINT HEIGHT										
13.1 ft									2,866 lbs	2,646 lbs
9.8 ft					*3,086 lbs	3,197 lbs	1,764 lbs	2,094 lbs	1,764 lbs	2,094 lbs
6.6 ft			4,079 lbs	4,630 lbs	3,086 lbs	2,976 lbs	1,874 lbs	2,094 lbs	1,433 lbs	1,874 lbs
3.3 ft			2,646 lbs	4,189 lbs	2,866 lbs	2,756 lbs	1,543 lbs	1,984 lbs	1,433 lbs	1,764 lbs
0.0 ft			3,527 lbs	2,425 lbs	4,409 lbs	2,646 lbs	1,543 lbs	1,984 lbs	1,433 lbs	1,764 lbs
-3.3 ft	7,937 lbs	5,291 lbs	3,858 lbs	2,646 lbs	2,535 lbs	1,764 lbs			1,984 lbs	1,433 lbs
-6.6 ft	8,818 lbs	5,181 lbs	3,968 lbs	2,646 lbs	2,646 lbs	1,874 lbs			2,646 lbs	1,874 lbs

Blade Down

B (HEIGHT)	6.6 FT		9.8 FT		13.1 FT		16.4 FT		MAX	
LOAD POINT HEIGHT										
13.1 ft									3,197 lbs	2,646 lbs
9.8 ft					*3,197 lbs	3,197 lbs	3,086 lbs	2,094 lbs	3,086 lbs	2,094 lbs
6.6 ft			*5,074 lbs	4,630 lbs	*3,968 lbs	2,976 lbs	2,425 lbs	2,094 lbs	2,205 lbs	1,874 lbs
3.3 ft			6,614 lbs	4,189 lbs	4,409 lbs	2,756 lbs	2,094 lbs	1,984 lbs	2,094 lbs	1,764 lbs
0.0 ft			4,850 lbs	3,968 lbs	4,409 lbs	2,646 lbs	2,094 lbs	1,874 lbs	1,874 lbs	1,764 lbs
-3.3 ft	8,377 lbs	5,291 lbs	6,063 lbs	2,646 lbs	4,079 lbs	1,764 lbs			3,197 lbs	1,433 lbs
-6.6 ft	8,818 lbs	5,181 lbs	5,401 lbs	2,646 lbs	3,417 lbs	1,874 lbs			3,417 lbs	1,874 lbs