

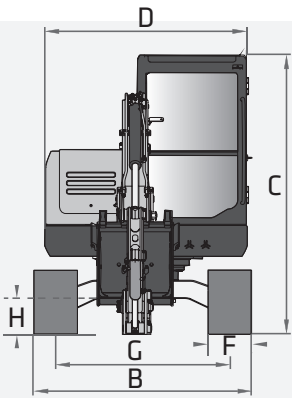
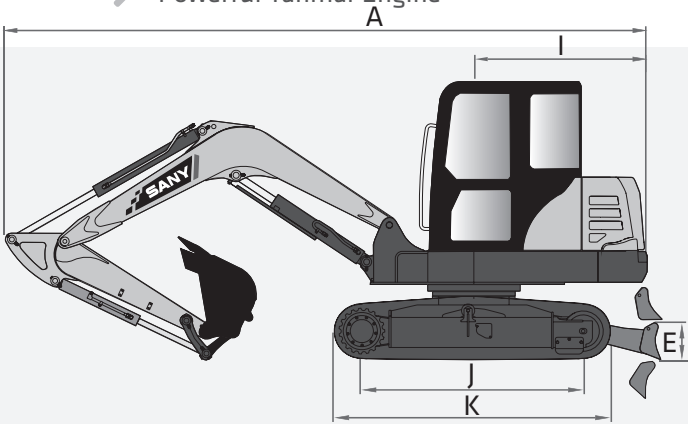
EXCAVATOR

SY60C

STANDARD
FEATURES

- ➔ Swing boom functionality
- ➔ Dozer blade with float function
- ➔ 1-way and 2-way primary auxiliary circuit and secondary auxiliary circuit with case drain
- ➔ Quick coupler plumbing to end of stick
- ➔ Powerful Yanmar Engine

55.1 hp
Net Power
13' 1"
Dig Depth
13,228 lbs
Operating Weight
10,116 lbf
Bucket Breakout



TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Operating Weight	13,228 lbs	6 000 kg
Ground Pressure	5.0 psi	34.6 kPa
Engine	Yanmar 4TNV98C	
Displacement	201.4 in ³	3.30 L
Gross Power	56.9 HP	42.4 kW
Net Power	55.1 HP	41.1 kW
Hydraulics	Load Sensing with Pilot Control	
Main Hydraulic Pump	Axial Piston - Variable Displacement	
Operating Flow (maximum)	39.1 gal/min	148.0 L/min
Operating Pressure (maximum)	3,916 psi	27.0 MPa
Auxiliary Flow (maximum)*	23.8 gal/min	90 L/min
Auxiliary Pressure (maximum)	3,626 psi	25 MPa
Travel Motor	Axial Piston with Park Brake	
Travel Pressure (maximum)	3,916 psi	27.0 MPa
Travel Speeds (maximum)	1.4 / 2.5 mph	2.3 / 4.0 km/hr
Travel Effort (maximum)	13,713 lbf	61.0 kN
Grade Capability (maximum)	30°	
Swing Motor	Axial Piston with Swing Brake	
Swing Pressure (maximum)	2,770 psi	19.1 MPa
Swing Speed (maximum)	9.6 RPM	
Undercarriage (standard)	Belted Rubber Track	
Track Shoe Width (standard)	16"	400 mm
Track Rollers (per side)	5	
Carrier Rollers (per side)	1	

DIMENSIONS

DIMENSIONS

Boom Length	9' 10"	3 000 mm
Stick Length	5' 7"	1 700 mm
A Transport Length	19' 8"	6 000 mm
B Transport Width	6' 7"	2 005 mm
C Transport Height	8' 6"	2 590 mm
D Upper Structure Width	6' 2"	1 875 mm
E Blade Height	15"	385 mm
F Track Width (standard shoe)	16"	400 mm
G Track Gauge	5' 3"	1 600 mm
H Ground Clearance (minimum)	13"	330 mm
I Tail Swing Radius	5' 1"	1 560 mm
J Track Length on Ground	6' 9"	2 050 mm
K Track Length	8' 6"	2 545 mm

SERVICE REFILL CAPACITIES

Fuel Tank Capacity	33.0 gal	125.0 L
Hydraulic Tank Capacity	27.7 gal	105.0 L
Engine Oil Capacity	2.5 gal	9.6 L
Cooling System Capacity	2.7 gal	10.4 L

SANY America Inc. reserves the right to change these specifications at any time without prior notification. ©2025 SANY America Inc. HEXPS25SY60CGEN2003

*Based on theoretical calculation at max flow with no load. Subject to alterations. In the interest of continual equipment development

PRODUCT SPECIFICATIONS EXCAVATOR || SY60C



STANDARD AND OPTIONAL EQUIPMENT

s = standard / o = optional

SY60C	ENGINE
s	Yanmar 4TNV98C
s	Tier 4F / EU Stage V Ready
s	Auto-idle and Auto Shutdown
s	Dual-element dry air filter
s	Engine air precleaner
s	Coolant Expansion tank
s	Electronic engine control
s	Fan guard
s	Engine coolant to -37 deg. C (-34 deg. F)
s	Full-flow oil filter
s	High flow cooling fan
s	500-hour engine-oil-change interval
s	No scheduled DPF maintenance for 6000 hours
s	Fuel filter and water separator
	HYDRAULIC SYSTEM
s	Spring-applied, hydraulically released automatic swing brake
s	Load sensing hydraulic system
s	Control pattern change valve
s	Primary auxiliary hydraulic circuit with 1 and 2-way combination piping
s	Auxiliary hydraulic-flow adjustments through monitor
s	Adjustable auxiliary pressure relief
s	Quick coupler ready
	UNDERCARRIAGE
s	Secondary auxiliary circuit with case drain
s	Planetary drive with axial piston motors
s	Propel motor shields
s	Spring-applied, hydraulically released automatic propel brake
s	Track guides, front idler and 2 per side
s	2-speed travel selection through display and blade joystick
s	5 lower track rollers each side
s	1 upper carrier roller each side
s	Dozer blade with cylinder guarding
s	Tie downs on track frame and dozer blade
s	400mm (16") wide rubber tracks
o	400mm (16") wide steel tracks
s	Undercarriage frame opening guard
	UPPERSTRUCTURE
s	Dozer blade with float function
s	Right-hand, left-hand, and counterweight mirrors
s	Lockable cab, hood, and service doors
s	Debris screen in side panel
s	Remote-mounted engine oil and fuel filters
s	Daily fluid level inspection visible from ground
s	Rear reflectors
	ATTACHMENTS
s	Convenient grease points
s	Centralized lubrication system
s	Dirt seals on all bucket pins
s	Thumb bracket

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
©2024 SANY America Inc. HEXPS24SY60CYAND03

PRODUCT SPECIFICATIONS EXCAVATOR || SY60C

SANY

STANDARD AND OPTIONAL EQUIPMENT

s = standard / o = optional

SY60C	ATTACHMENTS
s	Oil-impregnated bushings
s	Reinforced thrust plates
s	Quick coupler plumbing to end of the stick
	OPERATOR'S STATION
s	Hydraulic pilot controls for boom, stick, swing, and travel operations
s	Proportional auxiliary switches on joystick
s	Travel levers with foot pedals
s	AM/FM radio with bluetooth and USB connection port
s	Cell phone tray
s	Weight adjustable suspension cloth seat with fore/aft adjustment and adjustable armrests
s	2" seat mounted retractable seat belt
s	Emergency stop switch
s	Sliding front window
s	Removable lower front window
s	Window breaker
s	ECO mode switch
s	8 tool selection modes
s	Fully adjustable auxiliary flow circuits from display
s	Multifunction color LCD Touchscreen with: Diagnostic capability / Multiple-language / Backup Camera
s	System monitoring features: Auto-idle indicator and shutdown, 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, HVAC settings
s	High performance heating, ventilation, and air conditioning system with max 71 db interior cab noise
s	Operation and maintenance manual storage
s	Heavy duty removeable rubber floor mat
s	Front windshield wiper with high and low speed
s	Horn, electric
s	Hour meter, electric
s	Hydraulic shutoff lever, all controls
s	Push to start with two speed change through blade joystick and display
s	Cup holder
s	Travel alarm with cancel switch
s	Transparent overhead hatch with retractable sun shade and cab hooks
	ELECTRICAL
s	12V electrical system
s	Maintenance free battery
s	Ground level battery disconnect
s	Easy access fuse panel
s	Terminal battery covers
s	80-amp alternator
s	12V power outlet
	LIGHTS
s	Work lights: 2 mounted on top of cab, 1 mounted on boom, magnetic beacon

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
©2025 SANY America Inc. HEXPS25SY60CGEN2003



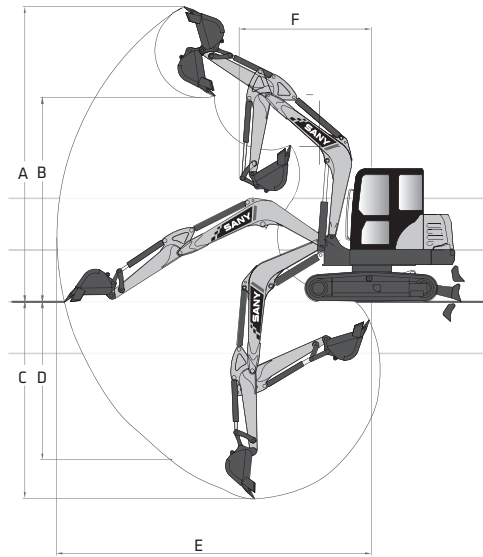
*Warranty applies to 2025 Excavator and Wheel Loader models



sanyamerica.com

PRODUCT SPECIFICATIONS EXCAVATOR III SY60C

WORKING RANGE



WORKING RANGE

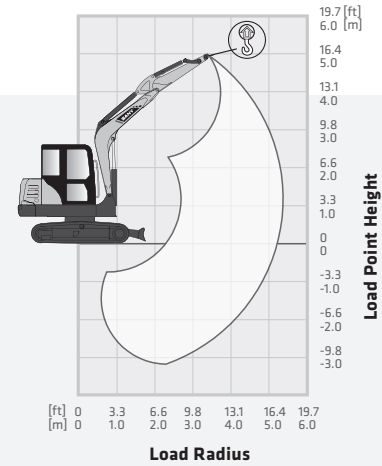
Boom Length	9' 10"	3 000 mm
Stick Length	5' 7"	1 700 mm
A Maximum Digging Height	18' 10"	5 747 mm
B Maximum Dumping Height	13' 2"	4 020 mm
C Maximum Digging Depth	13' 1"	3 990 mm
D Maximum Vertical Wall Digging Depth	10' 6"	3 200 mm
E Maximum Reach at Ground Level	20' 7"	6 280 mm
F Minimum Swing Radius	8' 8"	2 640 mm

DIGGING PERFORMANCE

Boom Length	9' 10"	3 000 mm
Stick Length	5' 7"	1 700 mm
Bucket Breakout Force (ISO)	10,116 lbf	45.0 kN
Stick Digging Force (ISO)	7,419 lbf	33.0 kN

Standard 9' 10" (3 000 mm) Boom
Standard 5' 7" (1 700 mm) Stick
Standard 16" (400 mm) 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.



LIFTING PERFORMANCE

BLADE DOWN

LOAD RADIUS	6.6 ft 2.0 m		9.8 ft 3.0 m		13.1 ft 4.0 m		16.4 ft 5.0 m		MAX REACH	
LOAD POINT HEIGHT										
13.1 ft 4.0 m					2,200 lb 1 000 kg*	2,200 lb 1 000 kg			2,200 lb* 1 000 kg*	1,870 lb 850 kg
9.8 ft 3.0 m					2,530 lb* 1 150 kg*	2,200 lb 1 000 kg	2,420 lb* 1 100 kg*	1,430 lb 650 kg	2,530 lb* 1 150 kg*	1,430 lb 650 kg
6.6 ft 2.0 m			3,960 lb* 1 800 kg*	3,080 lb 1 400 kg	2,970 lb* 1 350 kg*	2,090 lb 950 kg	2,640 lb* 1 200 kg*	2,090 lb 950 kg	2,640 lb* 1 200 kg*	1,320 lb 600 kg
3.3 ft 1.0 m			5,390 lb* 2 450 kg*	2,750 lb 1 250 kg	3,630 lb* 1 650 kg*	1,870 lb 850 kg	2,970 lb* 1 350 kg*	1,870 lb 850 kg	2,750 lb* 1 250 kg*	1,210 lb 550 kg
0 ft 0 m			6,160 lb* 2 800 kg*	2,640 lb 1 200 kg	4,070 lb* 1 850 kg*	1,760 lb 800 kg	3,080 lb* 1 400 kg*	1,760 lb 800 kg	2,970 lb* 1 350 kg*	1,320 lb 600 kg
-3.3 ft -1.0 m	8,360 lb* 3 800 kg*	5,280 lb 2 400 kg	6,050 lb* 2 750 kg*	2,640 lb 1 200 kg	4,070 lb* 1 850 kg*	1,760 lb 800 kg			3,190 lb* 1 450 kg*	1,430 lb 650 kg
-6.6 ft -2.0 m	8,800 lb* 4 000 kg*	5,170 lb 2 350 kg	5,390 lb* 2 450 kg*	2,640 lb 1 200 kg	3,410 lb* 1 550 kg*	1,870 lb 850 kg			3,410 lb* 1 550 kg*	1,870 lb 850 kg
BLADE UP										
13.1 ft 4.0 m					2,200 lb* 1 000 kg*	2,200 lb 1 000 kg			2,200 lb* 1 000 kg*	1,870 lb 850 kg
9.8 ft 3.0 m					2,200 lb* 1 000 kg*	2,200 lb 1 000 kg	1,980 lb* 900 kg*	1,430 lb 650 kg	1,980 lb* 900 kg*	1,430 lb 650 kg
6.6 ft 2.0 m			3,960 lb* 1 800 kg*	3,080 lb 1 400 kg	2,860 lb* 1 300 kg*	2,090 lb 950 kg	1,980 lb* 900 kg*	1,430 lb 650 kg	1,760 lb* 800 kg*	1,320 lb 600 kg
3.3 ft 1.0 m			3,960 lb* 1 800 kg*	2,750 lb 1 250 kg	2,640 lb* 1 200 kg*	1,870 lb 850 kg	1,980 lb* 900 kg*	1,430 lb 650 kg	1,760 lb* 800 kg*	1,210 lb 550 kg
0 ft 0 m			3,960 lb* 1 750 kg*	2,750 lb 1 200 kg	2,530 lb* 1 150 kg*	1,760 lb 800 kg	1,870 lb* 850 kg*	1,320 lb 600 kg	1,760 lb* 800 kg*	1,320 lb 600 kg
-3.3 ft -1.0 m	7,920 lb* 3 600 kg*	5,280 lb 2 400 kg	3,850 lb* 1 750 kg*	2,640 lb 1 200 kg	2,530 lb* 1 150 kg*	1,760 lb 800 kg			1,980 lb* 900 kg*	1,430 lb 650 kg
-6.6 ft -2.0 m	8,140 lb* 3 700 kg*	5,170 lb 2 350 kg	3,960 lb* 1 800 kg*	2,640 lb 1 200 kg	2,640 lb* 1 200 kg*	1,870 lb 850 kg			2,640 lb* 1 200 kg*	1,870 lb 850 kg

* Indicates load limited by hydraulic lifting capacity.

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
 ©2025 SANY America Inc. HEXPS25SY60CGEN2003

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

SANY