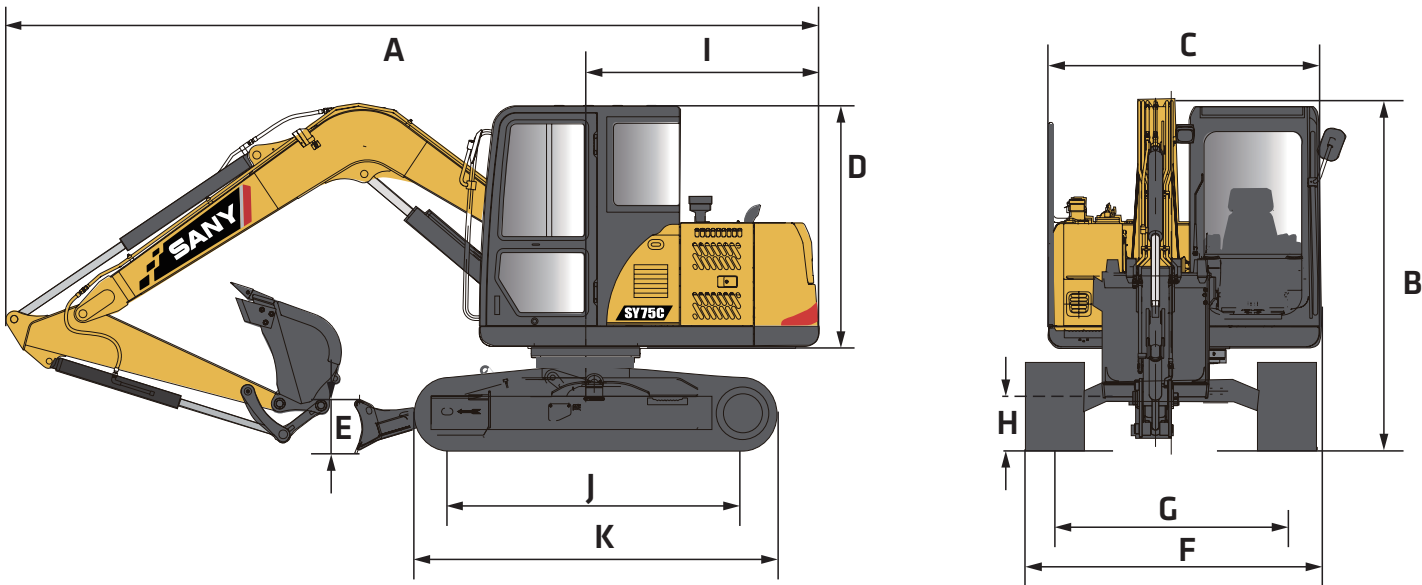




DIMENSIONS		STANDARD STICK
	Boom Length	12' 2"
	Stick (Arm) Length	6' 9"
A	Transport Length	20' 1"
B	Transport Height	8' 11"
C	Upper Structure Width	6' 8"
D	Cab Height	8' 11"
E	Blade Height	1' 4"
F	Track Width	7' 7"
G	Track Gauge	5' 9"
H	Ground Clearance	1' 3"
I	Tail Swing Radius	5' 11"
J	Track Length on Ground	7' 2"
K	Track Length	9' 3"

SERVICE REFILL CAPACITIES	
Fuel Tank Capacity	39.6 gal
Hydraulic Tank Capacity	31.7 gal
Engine Oil Capacity	2.7 gal
Cooling System Capacity	4 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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SY75C

SMALL FIXED BOOM EXCAVATOR **16,270 LBS** OPERATING WEIGHT
56.9 HP GROSS HORSEPOWER
14' 7" MAX DIGGING DEPTH



TECHNICAL SPECIFICATIONS

MACHINE DATA	STANDARD STICK
Operating Weight*	16,270 lbs
Bolt-on Counterweight	-
Ground Pressure	4.8 psi
Engine Model	4TN98C
Displacement	202.5 in³
Net Power	54 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)	3,814 psi
Auxiliary Flow	31.7 gpm
Auxiliary Pressure	5,076 psi
Travel Motor	Axial Piston with Park Brake
Travel Pressure (Max)	3,814 psi
Travel Speeds (Max)	2.8/1.6 mph
Travel Effort (Max)	13,801 lbf
Gradability	30°
Swing Motor	Axial Piston with Swing Brake
Swing Pressure (Max)	3,814 psi
Swing Speed (Max)	10 rpm
Undercarriage	Belted Rubber Track
Track Shoe Width	1' 6"
Track Rollers	5 per side
Carrier Rollers	1 per side

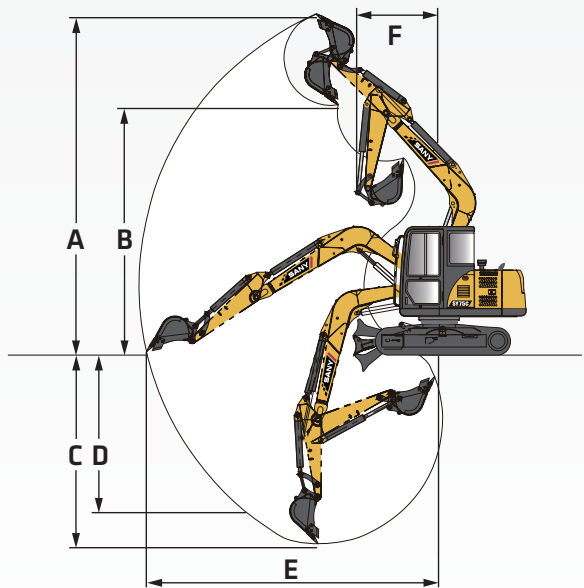
WORKING SPECIFICATIONS

WORKING RANGE	STANDARD STICK
Boom Length	12' 2"
Stick (Arm) Length	6' 9"
A Maximum Digging Height	24' 3"
B Maximum Dumping Height	18'
C Maximum Digging Depth	14' 7"
D Maximum Vertical Wall Digging Depth	12' 7"
E Maximum Reach at Ground Level	21' 4"
F Minimum Swing Radius	6' 4"

DIGGING PERFORMANCE	STANDARD STICK
Boom Length	12' 2"
Stick (Arm) Length	6' 9"
Bucket Breakout Force (ISO)	11,916 lbf
Stick (Arm) Digging Force (ISO)	7,868 lbf

*Operating weight is for the SY75C with no attachments, and standard stick.

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SMALL FIXED BOOM
EXCAVATOR

SY75C

STANDARD FEATURES

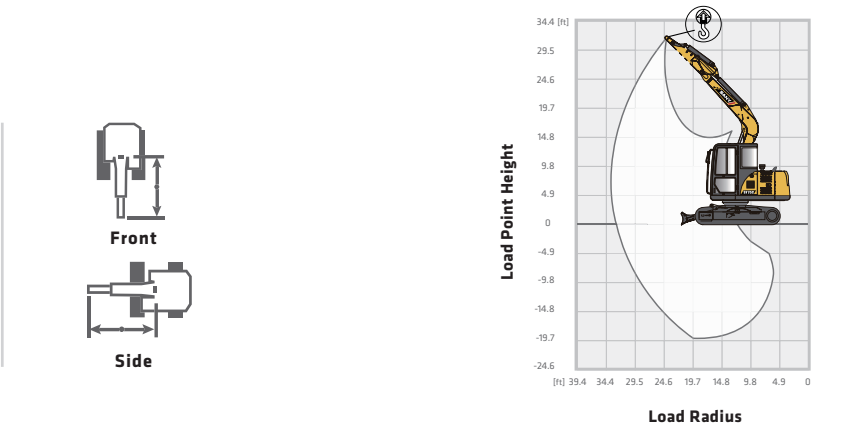
ENGINE
Yanmar 4TNV98C
Tier 4F / EU Stage V Ready
Auto-idle and shutoff
Dual-element dry air filter
Engine air precleaner
Coolant Expansion tank
Electronic engine control
Fan guard
Engine coolant to -37 deg. C (-34 deg. F)
Full-flow oil filter
Turbocharger
High flow cooling fan
500-hour engine-oil-change interval
No scheduled DPF maintenance for 6,000 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
Secondary auxiliary hydraulics circuit
Auxiliary hydraulic-flow adjustments through monitor
Adjustable auxiliary pressure relief
Quick coupler plumbing
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 and on dozer lever
5 lower track rollers each side
1 upper carrier roller each side
Dozer blade with cylinder guarding
Tie downs on track frame and dozer blade
450mm (18”) wide rubber tracks
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

ATTACHMENTS
Thumb bracket
Oil-impregnated bushings
Reinforced thrust plates
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®
Cell phone tray
Weight adjustable suspension cloth seat with 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 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
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 removable rubber floor mat
Front windshield wiper with high and low speed
Horn, electric
Hour meter, electric
Hydraulic shutoff lever, all controls
Interior light and cup holder
Operator E-panel
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 12’ 2” Boom
Standard 6’ 9” Stick
Standard 1’ 6” 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)	3.3 FT		9.8 FT		16.4 FT		MAX.	
LOAD POINT HEIGHT								
19.7 ft	–	–	3,053 lbs	3,053 lbs	–	–	2,668 lbs	2,668 lbs
16.4 ft	–	–	–	–	2,337 lbs	2,337 lbs	2,249 lbs	2,249 lbs
13.1 ft	–	–	2,899 lbs	2,899 lbs	2,888 lbs	2,701 lbs	2,094 lbs	2,094 lbs
9.8 ft	–	–	3,770 lbs	3,770 lbs	2,811 lbs	2,624 lbs	2,050 lbs	2,050 lbs
6.6 ft	–	–	5,016 lbs	5,016 lbs	2,723 lbs	2,546 lbs	2,094 lbs	2,094 lbs
3.3 ft	–	–	5,798 lbs	5,291 lbs	2,657 lbs	2,480 lbs	2,116 lbs	2,094 lbs
0 ft	–	–	5,600 lbs	5,104 lbs	2,635 lbs	2,488 lbs	2,315 lbs	2,161 lbs
-3.3 ft	4,641 lbs	4,641 lbs	5,512 lbs	5,016 lbs	–	–	2,535 lbs	2,359 lbs
-6.6 ft	7,529 lbs	7,529 lbs	5,534 lbs	5,027 lbs	–	–	3,020 lbs	2,811 lbs
-9.8 ft	–	–	5,280 lbs	5,159 lbs	–	–	4,156 lbs	4,012 lbs

Blade Down

B (HEIGHT)	3.3 FT		9.8 FT		16.4 FT		MAX.	
LOAD POINT HEIGHT								
19.7 ft	–	–	3,053 lbs	3,053 lbs	–	–	2,668 lbs	2,668 lbs
16.4 ft	–	–	–	–	–	–	2,249 lbs	2,249 lbs
13.1 ft	–	–	2,899 lbs	2,899 lbs	2,337 lbs	2,337 lbs	2,094 lbs	2,094 lbs
9.8 ft	–	–	3,770 lbs	3,770 lbs	3,219 lbs	2,701 lbs	2,050 lbs	2,050 lbs
6.6 ft	–	–	5,016 lbs	5,016 lbs	3,494 lbs	2,624 lbs	2,094 lbs	2,094 lbs
3.3 ft	–	–	6,151 lbs	5,291 lbs	3,781 lbs	2,546 lbs	2,116 lbs	2,094 lbs
0 ft	–	–	6,801 lbs	5,104 lbs	4,001 lbs	2,480 lbs	2,436 lbs	2,161 lbs
-3.3 ft	4,641 lbs	4,641 lbs	6,918 lbs	5,016 lbs	3,979 lbs	2,458 lbs	2,866 lbs	2,359 lbs
-6.6 ft	7,529 lbs	7,529 lbs	6,515 lbs	5,027 lbs	–	–	3,704 lbs	2,811 lbs
-9.8 ft	–	–	5,280 lbs	5,159 lbs	–	–	4,156 lbs	4,012 lbs