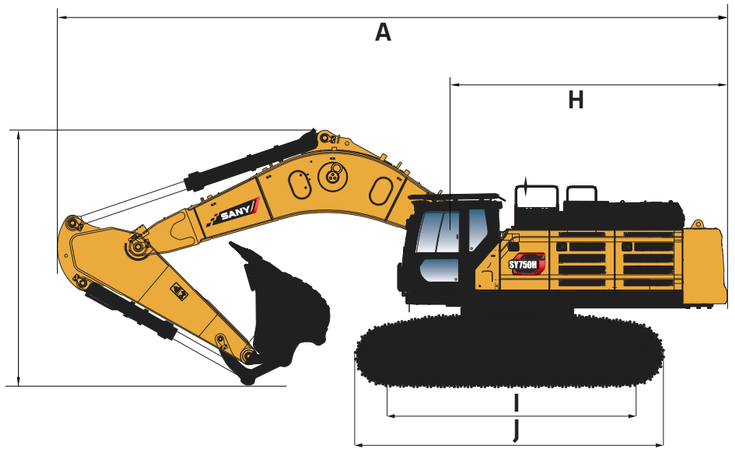

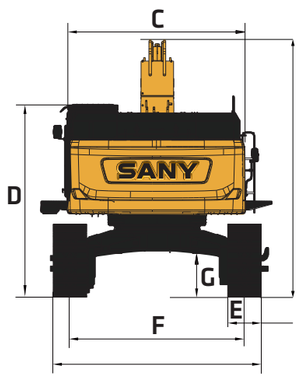

DIMENSIONS		STANDARD STICK	LONG STICK
	Boom Length	23’	25’ 7”
	Stick (Arm) Length	9’ 10”	11’ 10”
A	Transport Length	42’ 3”	44’ 6”
B	Transport Height	16’ 4”	11’ 10”
C	Upper Structure Width	14’ 8”/11’ 5” (with/without catwalk)	
D	Cab Height	12’ 5”	
E	Track Width	26”/30”/35”	
F	Track Gauge–Retracted	9’ 2”	
	Track Gauge–Extended	11’	
	Undercarriage Width–Retracted	11’ 3”/11’ 7”/12’	
	Undercarriage Width–Extended	13’ 3”/13’ 7”/14’ 1”	
G	Ground Clearance	2’ 11”	
H	Tail Swing Radius	13’ 8”	
I	Track Length on Ground	15’ 8”	
J	Track Length	19’ 8”	

SERVICE REFILL CAPACITIES	
Fuel Tank Capacity	184 gal
DEF Tank Capacity	23.4 gal
Hydraulic Tank Capacity	100.4 gal
Engine Oil Capacity	13.7 gal
Cooling System Capacity	19.7 gal

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INDUSTRY’S STRONGEST STANDARD WARRANTY | 5-YEAR* 5,000 HOURS

*Warranty applies to 2026 Excavator and Wheel Loader models

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

SY750H

LARGE HYDRAULIC **EXCAVATOR**

173,063 LBS OPERATING WEIGHT
524 HP GROSS HORSEPOWER
24’ 10” MAX DIGGING DEPTH

SANY

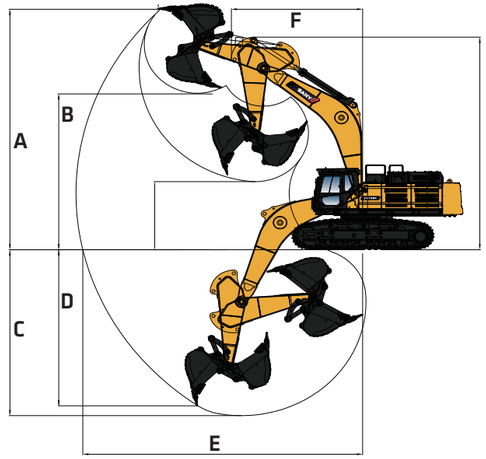
TECHNICAL SPECIFICATIONS

MACHINE DATA	STANDARD STICK	LONG STICK
Operating Weight*	173,063 lbs	180,000 lbs
Bolt-on Counterweight	27,116 lbs	27,116 lbs
Ground Pressure	14.6 psi	15.2 psi
Engine Model	Cummins X15 Stage V / Tier4F	
Displacement	909.3 in3	
Net Power	-	
Gross Power	524 HP	
Hydraulics	Positive Flow w/E-H Control	
Main Hydraulic Pump	Axial Piston – Variable Displacement	
Operating Flow (Max)	266.3 gal/min	
Operating Pressure (Max)	4,975 psi	
Auxiliary Flow	264 gpm	
Auxiliary Pressure	4,975 psi	
Travel Motor	Axial Piston with Park Brake	
Travel Pressure (Max)	4,975 psi	
Travel Speeds (Max)	1.8 / 2.8 mph	
Travel Effort (Max)	122,926 lbf	
Gradability	35°	
Swing Motor	Axial Piston with Swing Brake	
Swing Pressure (Max)	4,134 psi	
Swing Speed (Max)	7.2 RPM	
Undercarriage	Steel Track	
Track Shoe Width	26”/30”/35”	
Track Rollers	8	
Carrier Rollers	3	

WORKING SPECIFICATIONS

WORKING RANGE		STANDARD STICK	SHORT STICK
	Boom Length	23’	25’ 7”
	Stick (Arm) Length	9’ 10”	11’ 10”
A	Maximum Digging Height	36’ 2”	41’ 3”
B	Maximum Dumping Height	23’ 6”	28’
C	Maximum Digging Depth	24’ 10”	28’ 2”
D	Maximum Vertical Wall Digging Depth	16’	22’ 8”
E	Maximum Reach at Ground Level	39’ 8”	43’ 4”
F	Minimum Swing Radius	17’ 8”	17’ 8”

DIGGING PERFORMANCE	STANDARD STICK	SHORT STICK
Boom Length	23’	25’7”
Stick (Arm) Length	9’10”	11’10”
Bucket Breakout Force (ISO)	92,172 lbf	92,172 lbf
Stick (Arm) Digging Force (ISO)	79,582 lbf	79,582 lbf



*Operating weight is for the SY750H with no attachments, and standard stick.

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LARGE HYDRAULIC EXCAVATOR SY750H

STANDARD FEATURES

ENGINE

- 14.9l Cummins X15
- Auto-idle
- Dual-element dry air filter
- Batteries 24V (2–12V)
- Coolant Expansion tank
- Electronic engine control
- Enclosed fan guard
- Engine coolant to –37 deg. C (–34 deg. F)
- Fuel filter with water separator
- Full-flow oil filter
- Turbocharger with charge air cooler
- High flow electric clutch actuated fan
- 500-hour engine-oil-change interval
- 70% (35 deg.) off-level capability
- Engine air precleaner
- Severe-duty fuel filter

HYDRAULIC SYSTEM

- Spring-applied, hydraulically released automatic swing brake
- Auxiliary hydraulic-flow adjustments through monitor
- Lift power boost on joystick
- Control pattern change valve
- Auxiliary hydraulics with 1 and 2-way combination piping for high flow
- Auxiliary hydraulics with 2-way rotation piping and controls
- Electro-hydraulic controls
- Quick coupler plumbing and control

UNDERCARRIAGE

- Planetary drive with axial piston motors
- Propel motor shields
- Spring-applied, hydraulically released automatic propel brake
- Track guides, front idler and 2 additional per side
- 2-speed travel selection
- Upper carrier rollers (3)
- Sealed and lubricated track chain
- Double semi-grouser shoes, 650 mm (25.6")
- Undercarriage frame opening guard

BOOM & STICK

- Boom 7.0 m
- Stick 3.0 m

UPPERSTRUCTURE

- Right-hand, left-hand counterweight mirrors
- Hydraulic removable counterweight (27,116 lbs)
- Vandal lock with key: Cab door / Service door / Toolbox / Cab Filter
- Debris screen in side panel
- Remote-mounted engine oil and fuel filters
- Bolt on catwalk

ATTACHMENTS

- Convenient grease points
- Centralized lubrication system

ATTACHMENTS CONTINUED

- Dirt seals on all bucket pins
- Oil-impregnated bushings
- Reinforced resin thrust plates
- Quick coupler
- Buckets: Heavy duty / Heavy-duty high capacity / Side cutter and teeth

OPERATOR'S STATION

- Adjustable independent-control positions (levers-to-seat, seat-to-pedals)
- AM/FM radio with USB charging and Bluetooth® connectivity
- Auto climate control/air conditioner/heater/pressurizer
- Built-in Operator's Manual storage compartment and manual
- 12V and 24V outlets 60 watt 5 amp
- Deluxe heated air suspension cloth seat with adjustable armrests
- Heavy duty rubber floor mat
- Front windshield wiper with intermittent speeds
- Touchcreen Monitor 10". Displays Fuel, DEF, Engine temp, Oil temp.
- Horn, electric
- Hour meter, electric. In touch screen.
- Hydraulic shutoff lever, all controls
- Interior light
- Digital Power mode selection: 3 power modes- low, standard, and high
- Digital tool selection: bucket, shear, hammer, etc.
- Multifunction color LCD monitor with: Diagnostic capability / Multiple-language / Maintenance tracking / Clock
- System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator
- Motion alarm with cancel switch (conforms to SAE J994)
- Power-boost switch on right joystick
- Auxiliary hydraulic control switches in right console lever
- Seat belt, retractable
- Transparent overhead hatch
- Heated or cooled food/beverage storage
- Air-suspension heated seat
- Hydraulic oil filter restriction indicator light
- Protection screens for cab front, rear, and side

ELECTRICAL

- 60-amp alternator
- Ground level electrical disconnect (lockout tag out)
- Blade-type multi-fused circuits
- Positive-terminal battery covers
- Rearview & Blindside camera

LIGHTS

- Work lights: High power LED - 4 mounted on boom, 2 mounted on top of cab, 1 mounted under step on right side of machine

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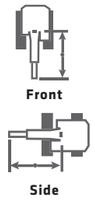
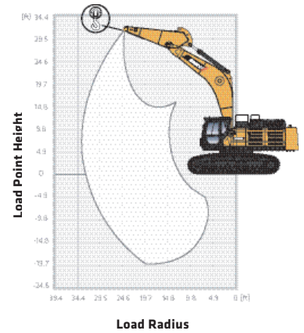
LIFTING PERFORMANCE

Standard 23' Boom
Standard 9' 10" Stick
Standard 26"/30"/35" 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.





Standard Stick (9' 10")

B (HEIGHT)	10 FT		15 FT		20 FT		25 FT		30 FT		MAX. REACH		
LOAD POINT HEIGHT													MAX. FT
30 ft											38,017 lbs	38,017 lbs	24.2 ft
25 ft							37,340 lbs	37,340 lbs			36,608 lbs	36,608 lbs	27.8 ft
20 ft					68,917 lbs	58,453 lbs	39,194 lbs	39,194 lbs	36,286 lbs	36,286 lbs	36,149 lbs	36,149 lbs	30.2 ft
15 ft					50,753 lbs	50,753 lbs	42,177 lbs	42,177 lbs	37,364 lbs	37,364 lbs	36,143 lbs	30,801 lbs	31.6 ft
10 ft					56,562 lbs	56,562 lbs	45,279 lbs	45,279 lbs	38,801 lbs	33,204 lbs	36,359 lbs	29,273 lbs	32.2 ft
5 ft					60,144 lbs	60,144 lbs	47,532 lbs	47,532 lbs	39,813 lbs	32,463 lbs	36,804 lbs	29,070 lbs	32.0 ft
0 ft			64,946 lbs	64,946 lbs	60,737 lbs	60,737 lbs	48,178 lbs	41,026 lbs	39,635 lbs	32,020 lbs	37,247 lbs	30,005 lbs	31.0 ft
-5 ft	47,763 lbs	47,763 lbs	74,567 lbs	74,567 lbs	58,359 lbs	58,359 lbs	46,562 lbs	46,562 lbs			37,545 lbs	37,545 lbs	29.2 ft
-10 ft	80,885 lbs	80,885 lbs	65,859 lbs	65,859 lbs	52,525 lbs	52,525 lbs	41,326 lbs	41,326 lbs			37,379 lbs	37,379 lbs	26.3 ft
-15 ft			51,575 lbs	51,575 lbs	40,766 lbs	40,766 lbs					35,719 lbs	35,719 lbs	22.0 ft

Long Stick (11' 10")

B (HEIGHT)	10 FT		15 FT		20 FT		25 FT		30 FT		35 FT		MAX. REACH		
LOAD POINT HEIGHT															MAX. FT
35 ft													*36,222 lbs	*36,222 lbs	26 ft
30 ft									*34,061 lbs	*34,061 lbs			*34,039 lbs	*34,039 lbs	30.1 ft
25 ft									*34,039 lbs	*34,039 lbs			*32,959 lbs	*29,608 lbs	33 ft
20 ft					*46,738 lbs	*46,738 lbs	*39,639 lbs	*39,639 lbs	*35,273 lbs	*35,207 lbs	*32,628 lbs	*27,205 lbs	*32,430 lbs	*26,323 lbs	35.1 ft
15 ft					*53,110 lbs	*53,110 lbs	*42,990 lbs	*42,990 lbs	*37,060 lbs	*33,752 lbs	*33,245 lbs	*26,543 lbs	*32,210 lbs	*24,339 lbs	36.3 ft
10 ft					*58,710 lbs	*56,460 lbs	*46,187 lbs	*41,865 lbs	*38,845 lbs	*32,253 lbs	*33,995 lbs	*25,727 lbs	*32,165 lbs	*23,260 lbs	36.8 ft
5 ft					*61,729 lbs	*53,330 lbs	*48,369 lbs	*39,573 lbs	*40,102 lbs	*30,953 lbs	*34,414 lbs	*25,022 lbs	*32,210 lbs	*22,950 lbs	36.6 ft
0 ft					*61,795 lbs	*51,831 lbs	*48,987 lbs	*38,294 lbs	*40,410 lbs	*30,071 lbs	*33,937 lbs	*24,560 lbs	*32,254 lbs	*23,413 lbs	34.6 ft
-5 ft			*69,313 lbs	*69,313 lbs	*59,304 lbs	*51,478 lbs	*47,730 lbs	*37,743 lbs	*39,220 lbs	*29,718 lbs			*32,121 lbs	*24,802 lbs	34.2 ft
-10 ft	*68,255 lbs	*68,255 lbs	*66,645 lbs	*66,645 lbs	*54,322 lbs	*51,941 lbs	*44,181 lbs	*37,942 lbs	*35,670 lbs	*29,960 lbs			*31,504 lbs	*27,558 lbs	31.7 ft
-15 ft	*63,800 lbs	*63,800 lbs	*55,358 lbs	*55,358 lbs	*46,032 lbs	*46,032 lbs	*37,170 lbs	*37,170 lbs					*29,762 lbs	*29,762 lbs	28.3 ft
-20 ft			*38,228 lbs	*38,228 lbs	*31,879 lbs	*31,879 lbs							*24,912 lbs	*24,912 lbs	23.2 ft

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