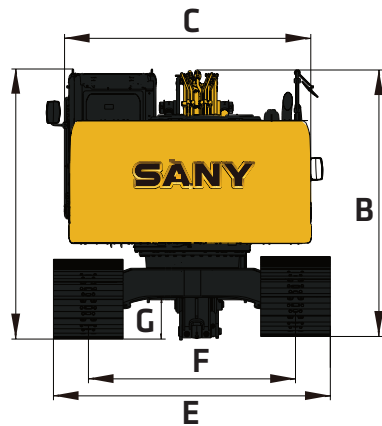
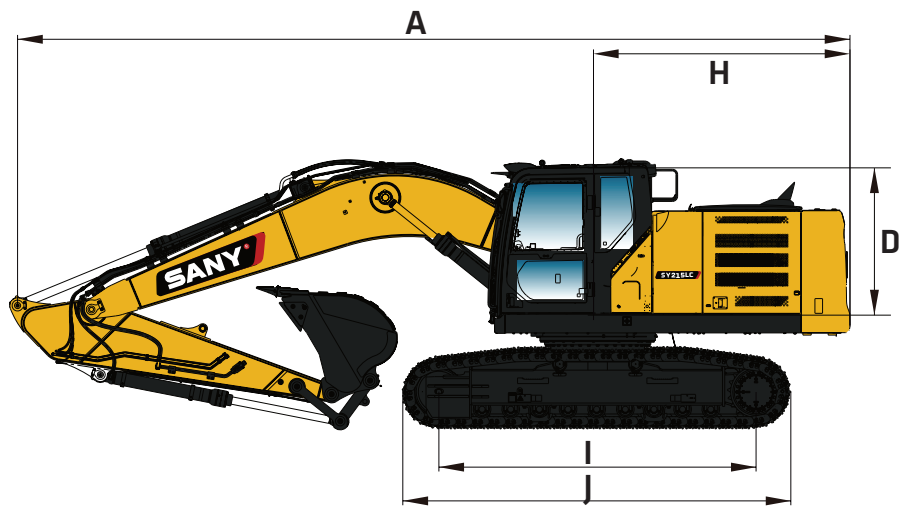




DIMENSIONS		LONG STICK
Boom Length		18' 8"
Stick Length		9' 7"
A	Transport Length	31' 5"
B	Transport Height	10' 4"
C	Upper Structure Width	9'
D	Cab Height	10' 4"
E	Undercarriage Width	10' 5"
F	Track Gauge	7' 10"
G	Ground Clearance	1' 7"
H	Tail Swing Radius	9' 6"
I	Track Length on Ground	12'
J	Track Length	14' 7"

SERVICE REFILL CAPACITIES	
Fuel Tank Capacity	97.7 gal
DEF Tank Capacity	10.6 gal
Hydraulic Tank Capacity	63.4 gal
Engine Oil Capacity	3.2 gal
Cooling System Capacity	7.1 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

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Peachtree City, Georgia 30269
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sanyamerica.com ||| SY215LC

SY215LC

MEDIUM
EXCAVATOR

48,943 LBS OPERATING WEIGHT
173 HP GROSS HORSEPOWER
21' 6" MAX DIGGING DEPTH



TECHNICAL SPECIFICATIONS

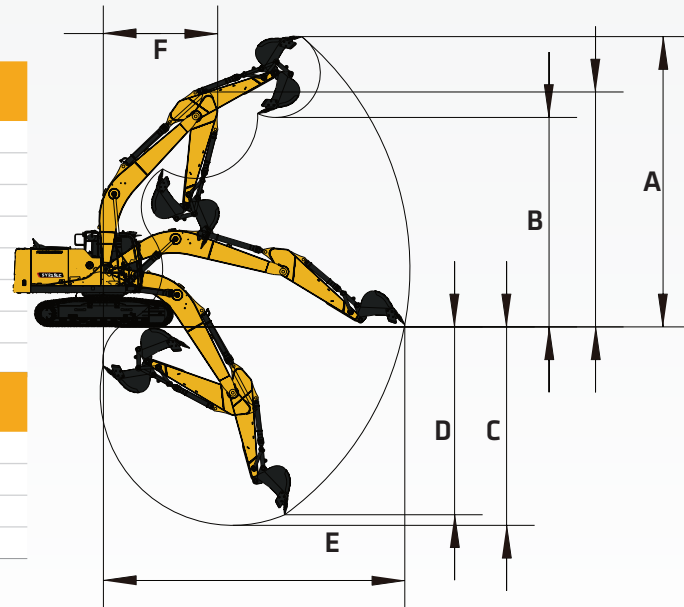
MACHINE DATA	STANDARD STICK
Operating Weight*	48,943 lbs
Ground Pressure	5 psi
Engine Model	Cummins QSB4.5
Displacement	4.5 L
Gross Power	173 HP
Hydraulics	
Main Hydraulic Pump	2x Variable-Piston-Pump with Electronic Positive Control
Operating Flow (Max)	2x 60 gal/min
Operating Pressure (Max)	4,975 psi
Auxiliary Flow	106 gal/min
Auxiliary Pressure	340 bar / 4,931 psi
Travel Motor	2 Speed Axial Piston Motor with Planetary Reducer and Automatic Multi-Disc Brake
Travel Pressure (Max)	5,946 psi
Travel Speeds (Max)	3.4 / 2.1 mph
Travel Effort (Max)	49,908 lbf
Gradability	35°
Swing Motor	Axial Piston Motor with Planetary Reducer and Automatic Holding Brake
Swing Pressure (Max)	3,626 psi
Swing Speed (Max)	11.0 RPM
Undercarriage	
Track Shoe Width	31.5"
Track Rollers	9
Carrier Rollers	2

WORKING SPECIFICATIONS

WORKING RANGE	STANDARD STICK
Boom Length	18' 8"
Stick Length	9' 7"
A Maximum Digging Height	31' 6"
B Maximum Dumping Height	22' 3"
C Maximum Digging Depth	21' 6"
D Maximum Vertical Wall Digging Depth	20' 3"
E Maximum Reach at Ground Level	31' 11"
F Minimum Swing Radius	12' 3"

DIGGING PERFORMANCE	STANDARD STICK
Boom Length	18' 8"
Stick Length	9' 7"
Bucket Breakout Force (ISO)	31,024 lbf
Stick Digging Force (ISO)	25,403 lbf

*Operating weight is for the SY215LC with no attachments, and standard stick.
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MEDIUM
EXCAVATOR

SY215LC

STANDARD FEATURES

ENGINE
Cummins QSB4.5
Auto-idle & Auto-idle-shutdown
Dual-element dry air filter
Batteries 24V (2 – 12V)
Coolant Expansion tank
Electronic engine control
Enclosed fan guard
Engine coolant to –34 deg. F
Fuel filter with water separator
Full-flow oil filter
Turbocharger with charge air cooler
High flow hydraulically powered cooling 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
Control pattern change valve
Auxiliary hydraulics with 1 and 2-way combination piping for high flow
Auxiliary pilot and electric controls
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 (2)
Sealed and lubricated track chain
Triple semi-grouser shoes, 31"
Undercarriage frame opening guard
BOOM & STICK
Boom 18' 8"
Stick, 9' 7"
UPPERSTRUCTURE
Right-hand, left-hand, and counterweight mirrors
Vandal lock: Cab door /Service door/ Toolbox/Cab Filter
Debris screen in side panel
Remote-mounted engine oil and fuel filters
Heavy duty triangle channel frame guard

ATTACHMENTS
Convenient grease points
Centralized lubrication system
Dirt seals on all bucket pins
Oil-impregnated bushings
Reinforced resin thrust plates
Buckets: Heavy duty / Heavy-duty high capacity / Side cutter and teeth
OPERATOR'S STATION
Adjustable independent-control positions
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
12 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
Illuminated gauge: diesel exhaust fluid, engine coolant, and fuel levels
Horn, electric
Hour meter, electric
Hydraulic shutoff lever, all controls
Interior light
Large cup holder
Digital Power mode selection: 3 power modes
Digital tool selection: bucket, shear, hammer, etc.
10" Touch screen LCD monitor
Motion alarm with cancel switch (conforms to SAE J994)
Auxiliary hydraulic control switches in right console lever
3" Orange retractable seat belt
Transparent overhead hatch
Heated or cooled food/beverage storage
Hydraulic oil filter restriction indicator light
Protection screens for cab front, rear, and side (optional)
ELECTRICAL
60-amp alternator
Ground level electrical disconnect (lockout tag out)
Blade-type multi-fused circuits
Positive-terminal battery covers
Rearview and blind-side camera
LIGHTS
Bright LED worklight package

LIFTING PERFORMANCE

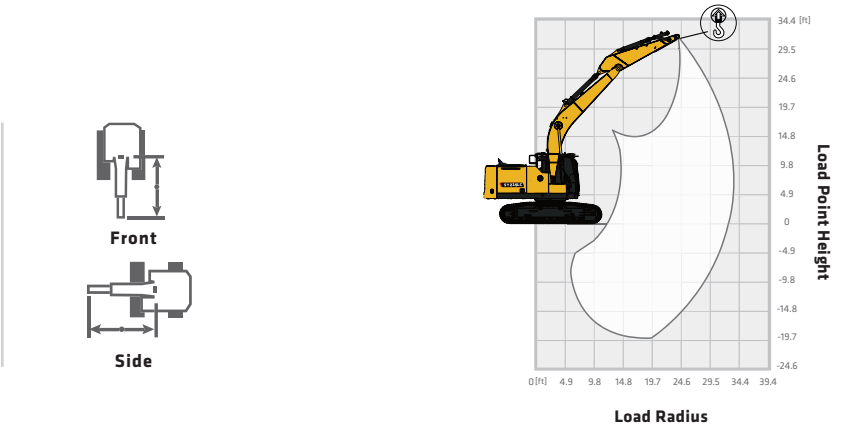
Standard 18' 8" Boom

Standard 9' 7" Stick

Standard 31.5" 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.



B (HEIGHT)	5.0 FT		10.0 FT		15.0 FT		20.0 FT		25.0 FT		MAX		
											CAPACITY	REACH	
LOAD POINT HEIGHT													
25.0 ft							*9,407 lbs	*9,407 lbs			*10,463 lbs	*10,463 lbs	20.2 ft
20.0 ft							*10,178 lbs	*10,178 lbs			10,834 lbs	9,807 lbs	23.9 ft
15.0 ft					*12,722 lbs	*12,722 lbs	*11,373 lbs	*11,373 lbs	*10,881 lbs	9,272 lbs	*10,932 lbs	8,494 lbs	26.1 ft
10.0 ft					*16,720 lbs	*16,720 lbs	*13,247 lbs	12,409 lbs	*11,708 lbs	9,045 lbs	*11,366 lbs	7,619 lbs	27.2 ft
5.0 ft					*20,480 lbs	17,422 lbs	*15,199 lbs	11,769 lbs	*12,707 lbs	8,787 lbs	11,319 lbs	7,612 lbs	27.4 ft
0.0 ft			*15,125 lbs	*15,125 lbs	*22,676 lbs	16,593 lbs	*16,653 lbs	11,503 lbs	13,041 lbs	8,593 lbs	11,595 lbs	7,755 lbs	26.7 ft
-5.0 ft	*15,672 lbs	*15,672 lbs	*24,237 lbs	*24,237 lbs	*23,218 lbs	16,631 lbs	17,173 lbs	11,337 lbs	13,085 lbs	8,531 lbs	10,872 lbs	8,362 lbs	25.4 ft
-10.0 ft	*25,002 lbs	*25,002 lbs	*31,713 lbs	31,548 lbs	*22,173 lbs	16,752 lbs	*16,543 lbs	11,291 lbs			*14,268 lbs	9,796 lbs	22.2 ft
-15.0 ft			*26,358 lbs	*26,358 lbs	*18,681 lbs	17,224 lbs					*15,277 lbs	13,700 lbs	17.5 ft