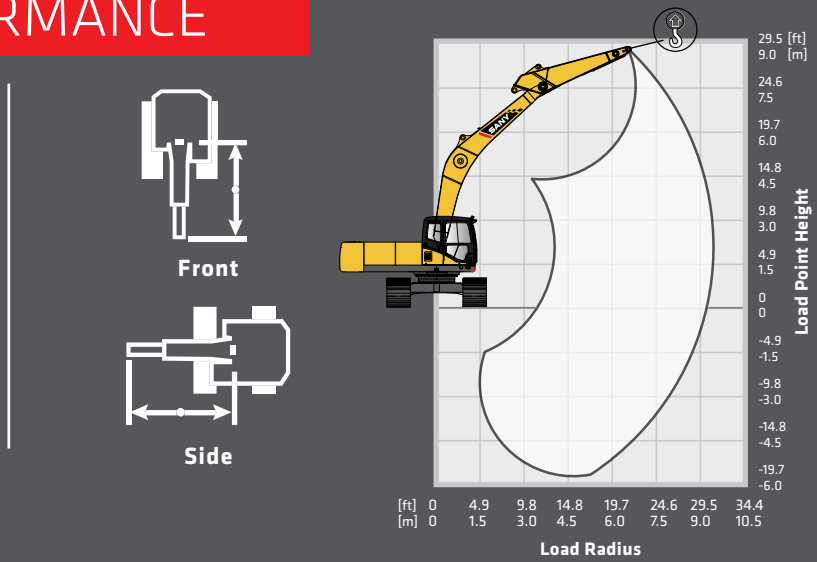


# SY365C LIFTING PERFORMANCE

Standard 21' 3" (6 470 mm) Boom  
 Standard 10' 5" (3 178 mm) Arm  
 Standard 31" (800 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.



LOAD RADIUS	9.8 ft 3.0 m		14.8 ft 4.5 m		19.7 ft 6.0 m		24.6 ft 7.5 m		29.5 ft 9.0 m		MAX REACH	
LOAD POINT HEIGHT												
24.6 ft 7.5 m							18,129 lb* 8 223 kg*	18,129 lb* 8 223 kg*			18,144 lb* 8 230 kg*	18,144 lb* 8 230 kg*
19.7 ft 6.0 m							18,243 lb* 8 275 kg*	18,243 lb* 8 275 kg*			17,626 lb* 7 995 kg*	16,572 lb* 7 517 kg
14.8 ft 4.5 m			25,902 lb* 11 749 kg*	25,902 lb* 11 749 kg*	22,309 lb* 10 119 kg*	22,309 lb* 10 119 kg*	19,273 lb* 8 742 kg*	19,273 lb* 8 742 kg*	17,505 lb* 7 940 kg*	15,062 lb* 6 832 kg	17,626 lb* 7 897 kg*	14,875 lb* 6 747 kg
9.8 ft 3.0 m			33,728 lb* 15 299 kg*	33,728 lb* 15 299 kg*	25,009 lb* 11 344 kg*	25,009 lb* 11 344 kg*	20,604 lb* 9 346 kg*	19,416 lb* 8 807 kg	17,948 lb* 8 141 kg*	14,830 lb* 6 727 kg	17,306 lb* 7 850 kg*	14,008 lb* 6 354 kg
4.9 ft 1.5 m			37,397 lb* 16 963 kg*	37,397 lb* 16 963 kg*	27,152 lb* 12 316 kg*	23,746 lb* 10 771 kg	21,707 lb* 9 846 kg*	18,865 lb* 8 557 kg	18,054 lb* 8 189 kg	14,566 lb* 6 607 kg	17,004 lb* 7 713 kg*	13,735 lb* 6 230 kg
0 ft 0 m			37,662 lb* 17 083 kg*	37,662 lb* 17 083 kg*	28,003 lb* 12 702 kg*	23,437 lb* 10 631 kg	21,378 lb* 9 697 kg	18,464 lb* 8 375 kg	17,853 lb* 8 098 kg	14,374 lb* 6 520 kg	17,388 lb* 7 887 kg*	14,013 lb* 6 356 kg
-4.9 ft -1.5 m	28,334 lb* 12 852 kg*	28,334 lb* 12 852 kg*	35,613 lb* 16 154 kg*	35,613 lb* 16 154 kg*	27,262 lb* 12 366 kg*	23,230 lb* 10 537 kg	21,182 lb* 9 608 kg	21,707 lb* 8 291 kg			17,476 lb* 7 927 kg*	14,958 lb* 6 785 kg
-9.8 ft -3.0 m	40,283 lb* 18 272 kg*	40,283 lb* 18 272 kg*	31,581 lb* 14 325 kg*	31,581 lb* 14 325 kg*	24,645 lb* 11 179 kg*	23,268 lb* 10 554 kg	19,052 lb* 8 642 kg*	18,325 lb* 8 312 kg			17,121 lb* 7 766 kg*	17,000 lb* 7 711 kg
-14.8 ft -4.5 m	30,426 lb* 13 801 kg*	30,426 lb* 13 801 kg*	24,800 lb* 11 249 kg*	24,800 lb* 11 249 kg*	19,202 lb* 8 710 kg*	19,202 lb* 8 710 kg*					15,820 lb* 7 176 kg*	15,820 lb* 7 176 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.

# SY365C

## PRODUCT SPECIFICATIONS



## STANDARD FEATURES

- 1 and 2-way Primary Auxiliary and 2-way Secondary Rotate Circuit
- Reinforced Undercarriage and Extended Track Length of 13' 7"
- Quick Coupler Plumbing and Controls
- Powerful Cummins Engine

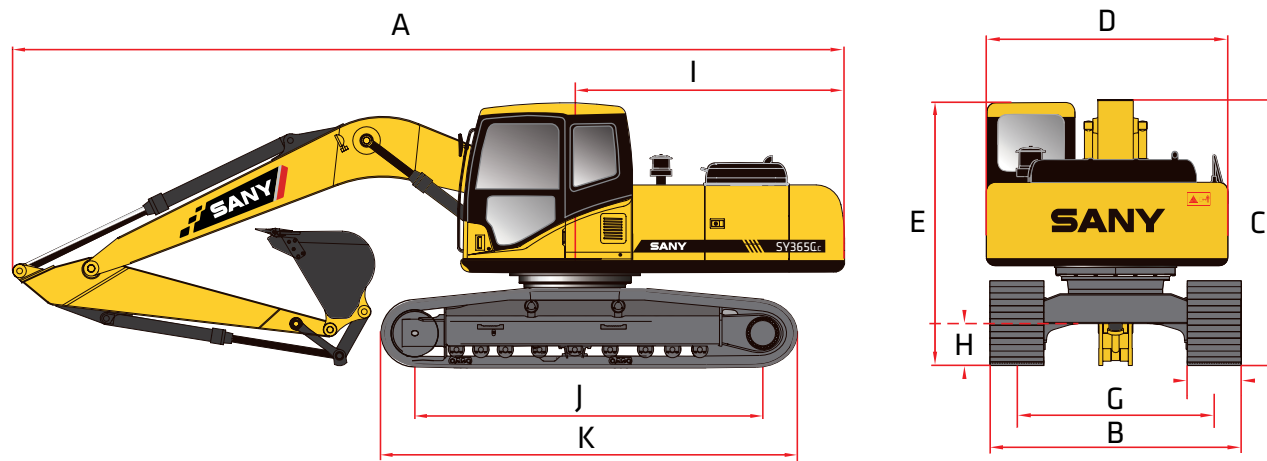
Gross Power  
**275 hp**

Dig Depth  
**23' 11"**

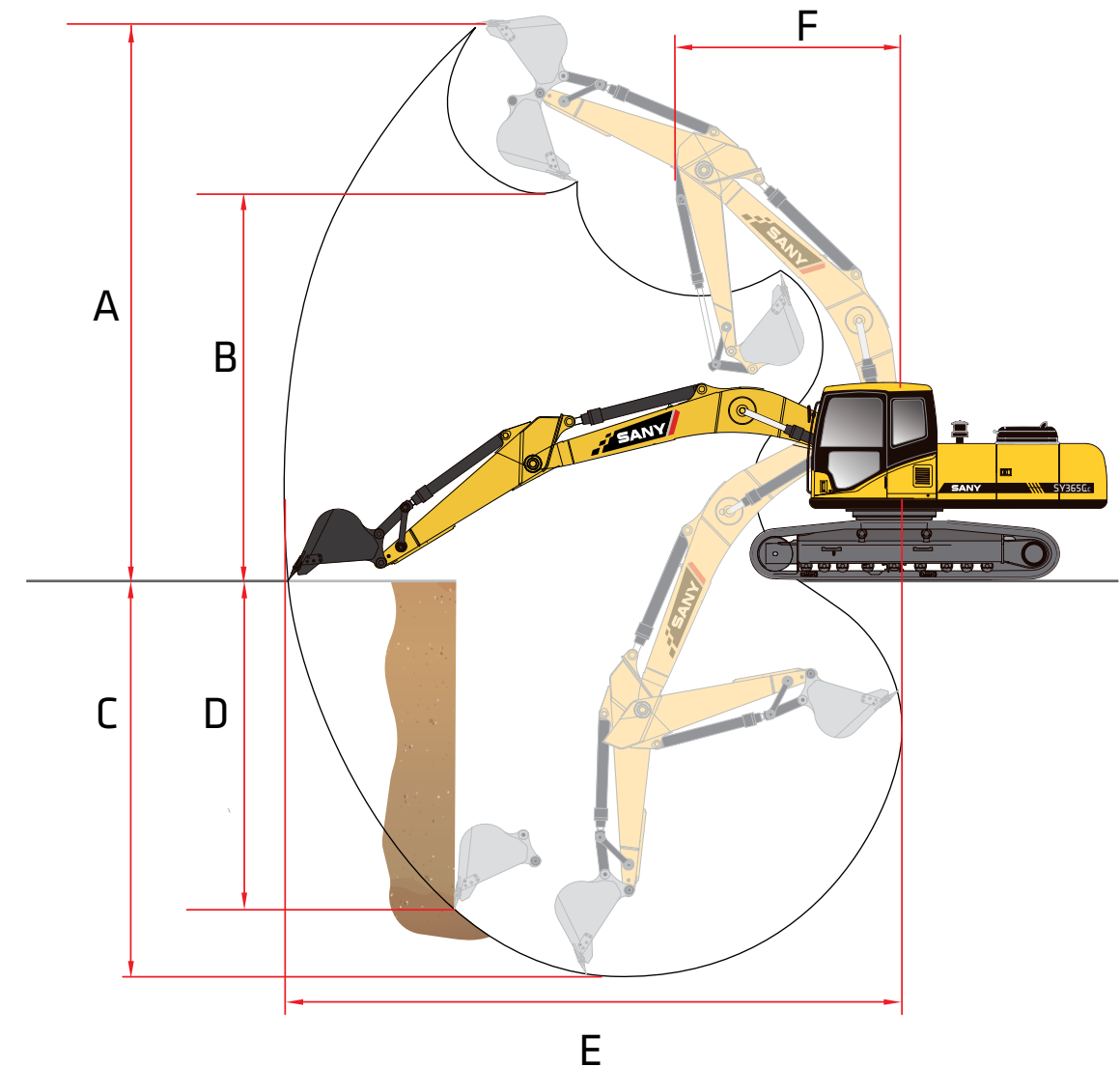
Operating Weight  
**80,910 lb**

Bucket Breakout  
**43,163 lbf**

DIMENSIONS



WORKING RANGE



Best-in-class hydraulic flow capability ensures unbeatable performance

TECHNICAL SPECIFICATIONS

Operating Weight	80,910 lb	36 700 kg
Ground Pressure	71 psi	48.7 kPa
<b>Engine</b>	Cummins QSL9 T4F	
Displacement	543.1 in <sup>3</sup>	8.9 L
Gross Power	275 HP	205 kW
<b>Hydraulics</b>	Negative Flow Control with Pilot Control	
Main Hydraulic Pump	Axial Piston - Variable Displacement	
Operating Flow (maximum)	195.5 gal/min	740.0 L/min
Operating Pressure (maximum)	4,975 psi	34.3 MPa
Power Boost Pressure (maximum)	5,410 psi	37.3 MPa
<b>Travel Motor</b>	Axial Piston with Park Brake	
Travel Pressure (maximum)	4,975 psi	34.3 MPa
Travel Speeds (maximum)	2.1 / 3.2 mph	3.4 / 5.2 km/hr
Travel Effort (maximum)	48,109 lbf	214.0 kN
Grade Capability (maximum)	35°	
<b>Swing Motor</b>	Axial Piston with Swing Brake	
Swing Pressure (maximum)	3,989 psi	27.5 MPa
Swing Speed (maximum)	9.8 RPM	
<b>Undercarriage (standard)</b>	Steel Track	
Track Shoe width (standard)	2' 7"	800 mm
Track Rollers (per side)	9	
Carrier Rollers (per side)	2	

DIMENSIONS

Boom Length	21' 3"	6 470 mm
Stick (Arm) Length	10' 5"	3 178 mm
A Transport Length	36' 5"	11 100 mm
B Transport Width	11' 1"	3 390 mm
C Transport Height	11'	3 352 mm
D Upper Structure Width	9' 11"	3 020 mm
E Cab Height	10' 4"	3 140 mm
F Track Width (standard shoe)	31"	800 mm
G Track Gauge	8' 6"	2 590 mm
H Ground Clearance	22"	550 mm
I Tailswing Radius	10' 10"	3 300 mm
J Track Length on Ground	13' 7"	4 140 mm
K Track Length	16' 7"	5 055 mm

SERVICE REFILL CAPACITIES

Fuel Tank Capacity	142.7 gal	540.0 L
DEF Tank Capacity	10.0 gal	38.0 L
Hydraulic Tank Capacity	89.8 gal	340.0 L
Engine Oil Capacity	7.7 gal	29.0 L
Cooling System Capacity	12.7 gal	48.0 L

WORKING RANGE

Boom Length	21' 3"	6 470 mm
Stick (Arm) Length	10' 5"	3 178 mm
A Maximum Digging Height	32' 3"	9 820 mm
B Maximum Dumping Height	23' 5"	7 150 mm
C Maximum Digging Depth	24' 1"	7 340 mm
D Maximum Vertical Wall Digging Depth	21' 3"	6 480 mm
E Maximum Reach at Ground Level	36' 5"	11 090 mm
F Minimum Swing Radius	14' 7"	4 450 mm

DIGGING PERFORMANCE

Boom Length	21' 3"	6 470 mm
Stick (Arm) Length	10' 5"	3 178 mm
Bucket Breakout Force (ISO)	43,163 lbf	192.0 kN
Stick (Arm) Digging Force (ISO)	37,768 lbf	168.0 kN