



品质改变世界

SY135C

Rated power: 86kW/2200rpm
Total weight: 13500kg
Standard bucket capacity: 0.6m³



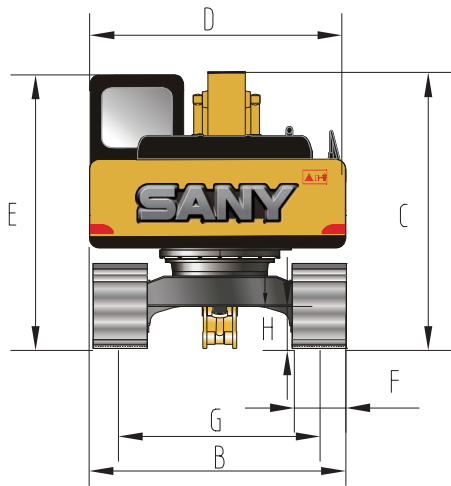
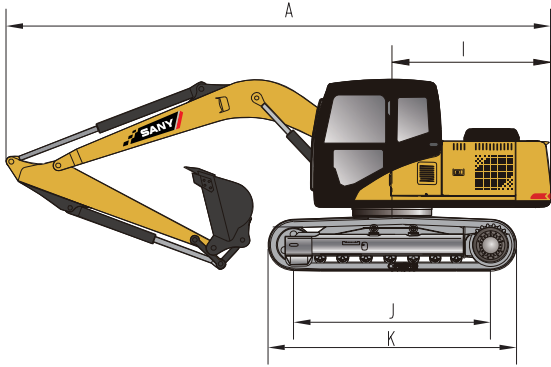
Technical Specifications

Specification		Main performance	
Total weight	13500kg	Walking speed (high/low)	5.5/3.5(km/h)
Bucket Capacity	0.6m³	Walking speed (high/low)	12rpm
Engine Model	Isuzu 4JJ1	Climbing ability	70%(35°)
Type	4-cylinder, 4-stroke, water-cooled, common rail fuel injection, turbocharged	Grounding specific voltage	41.7kpa
Rated Power	86kW/2200rpm	Bucket digging force	103kN
Max. torque	375Nm/1800rpm	Boom Digging Force	67kN
Displacement	2.999L		

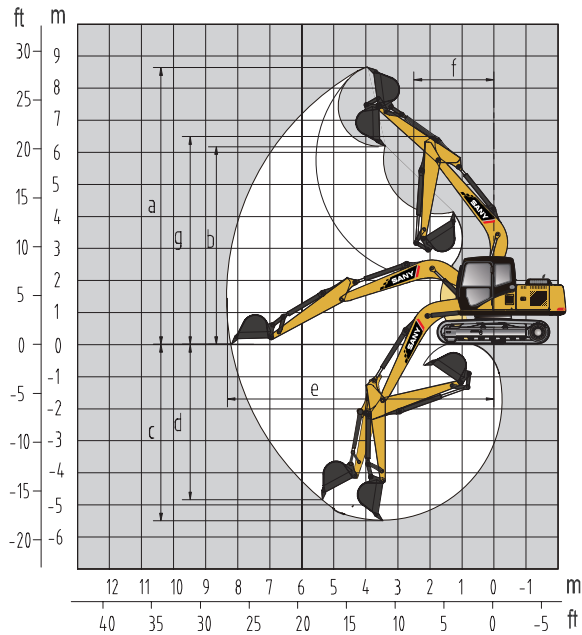
Oil and antifreeze capacity		Walking section	
Fuel Tank	280L	Number of track plates per side	44
Hydraulic Oil Tank	200L	Each side of the track roller	1
Engine oil	15L	Each side of the support roller	7
Antifreeze	30L	Track width	500mm
Travel gear reducer gear oil	2×2.6L		
Slewing gear reducer gear oil	3L		

Technical Specifications

Overall machine dimensions (mm) SY135C	
A. Total length (during transport)	7890
B. Overall width (transportation/operation)	2490
C. Total height (during transport)	2890
D. Upper width	2490
E. Total height to the top of the cab	2900
F. Standard track shoe width	500
G. Track gauge (transportation/operations)	1990
H. Min. ground clearance	450
I. Tail Turning Radius	2210
J. Wheelbase	2930
K. Track length	3665



Working range (mm) SY135C	
a. Max. digging height	8800
b. Max. unloading height	6600
c. Max. digging depth	5500
d. Max. vertical boom digging depth	5085
e. Max. digging radius	8350
f. Min. turning radius	2500
g. Max. height at min. turning radius	6500



Note: Due to continuous technological updates, materials and technical specifications are subject to change without notice.
The machine in the photo may include additional equipment.

Improvement Abilities Table

Boom---4600mm				Pole--2500mm				Crawler Width-500mm				Counterweight---2500kg							
Loading point height (B)m		Loading point radius (A)												Max. location					
		2.0m		3.0m		4.0m		5.0m		6.0m		7.0m		Loading Capacity	Distance				
																		mm	
7m	kg					*3200	*3200									*2550	*2550	4.25	
6m	kg									*3150	*3150						*2250	*2250	5.34
5m	kg									*3500	*3500	*2400	*2400				*2100	*2100	6.07
4m	kg					*3950	*3950	*3700	3550	*3550	2700						*2050	*2050	6.56
3m	kg					*5800	*5800	*4650	*4650	*4050	3450	*3700	2650				*2050	*2050	6.88
2m	kg					*7500	6900	*5450	4550	*4500	3350	3900	2600	*2300	2100		*2100	2100	7.03
1m	kg					*6800	6600	*6150	4400	*4900	3250	3850	2550	*2450	2050		*2200	2050	7.04
Ground	kg	*4550	*4550	*6750	6450	*6500	4250	4900	3150	3800	2500						*2350	2100	6.90
-1m	kg	*6900	*6900	*8450	6400	*6550	4200	4850	3100	3750	2450						*2600	2200	6.61
-2m	kg	*9600	*9600	*8150	6400	*6300	4200	4850	3100	3750	2500						*3050	2400	6.14
-3m	kg			*7200	6450	*5600	4250	*4350	3150								*3750	2850	5.44
-4m	kg					*5500	*5500	*4150	*4150								*3550	*3550	4.40

1. This lifting capacity calculation is based on ISO 10560 and SAE J1097 standards; the hydraulic system limitation factor is 0.87; the tilting limitation factor is 0.75.
2. Items marked with an asterisk (*) are limited by hydraulic constraints, while those without an asterisk are limited by stability constraints.
3. The lifting point is the front support hole of the boom (excluding the bucket weight). Any additional attachments such as the bucket must be deducted from the above lifting weight.

Standard configuration

Engine	Cab	Lower walking body
H, S, L, B mode control	● Soundproof steel structure cab	● Walking motor guard plate
24V 15.0kW starter motor	● Reinforced light-colored glass windows	● H-type track guiding mechanism
50A AC motor	● 6 silicone rubber shock absorber mounts	● Crawler hydraulic tensioning mechanism
Air pre-filter	● Openable roof, front upper window, and left side window	● Bolted drive sprockets
Dry dual-element air filter	● Rear window emergency exit	● Carrier rollers and track rollers
Cylinder oil filter	● Wind wipers with washer	● Reinforced track links with pin seals
Cylinder fuel filter	● Mechanically damped seats	● 500mm/1'8" triple-ribbed track pads
Oil cooler	● Screen-controlled radio	● Reinforced side treads
Radiator with protective mesh	● Footrestles, floor mats	● Underbody plates
Radiator coolant tank	● Speakers, rearview mirrors	● 600/700mm wide tracks
Fan shroud	● Seat belts, fire extinguisher	●
Isolated engine	● Drinking cup holders, reading lights	●
Automatic idle system	● Escape hammer	●
Acceleration system	● Storage boxes, glove compartments	●
	Pilot-operated cut-off lever	●
	Screen-controlled air conditioning system	●
	10-inch HD touchscreen display	●
	One-button start	●
	Rear camera	●
	Sunroof	●
	Lower cab safety net	●
	Upper cab safety net	○

● Standard
○ Option

Standard configuration

Hydraulic system		Front-end working device		Alarm light	
Working mode selection button	●	Flange pin	●	Insufficient oil pressure	●
Control valve with main relief valve	●	Welded connecting rods	●	Engine coolant overheating	●
Spare port of control valve	●	Central lubrication system	●	Insufficient fuel level	●
Suction filter	●	4.6m reinforced fully welded box-type boom	●	Air filter blockage	●
Return filter	●	2.5m reinforced fully welded box-type stick	●	Fault alarm system	●
Pilot filter	●	Collision guard plate	●		
Broken pipeline	●				
Upper slewing platform		Monitoring system instruments		Other	
Sensor	●	Hourly clock, fuel tank level gauge	●	Standard battery	●
Hydraulic oil level gauge	●	Engine coolant temperature	●	Lockable top cover	●
Toolbox	●	Oil pressure gauge	●	Lockable fuel filler cap	●
Rotary motor	●			Walking direction markings on the walking frame	●
Rearview mirrors (left and right)	●			Vehicle power switch	●
				Fuel filler pump tap 24V	●
				Fuel filler pump	●
Air conditioning system					
Air conditioning	●				
Screen-controlled AC system	●				

● Standard
○ Option