

# SY135C Excavator



## KEY FEATURES

- Engine: Isuzu AJ-4JJ1X, Tier 3
- New design increases efficiency and productivity while reducing fuel consumption
- Four standard work modes for differing job-site conditions
- Redesigned chassis for excellent stability
- Standard features include two-way hydraulics, backfill blade and a pattern-control change valve to increase productivity and versatility

## SPECIFICATIONS

### Net Power

97.9 hp / 73.0 kW

### Operating Weight

30,424 lb / 13 800 kg

### Dig Depth

18' 1/2" / 5500 mm

### Bucket Breakout

20,682 lbf / 92 kN

### SANY America Inc.

318 Cooper Circle, Peachtree City, GA 30269

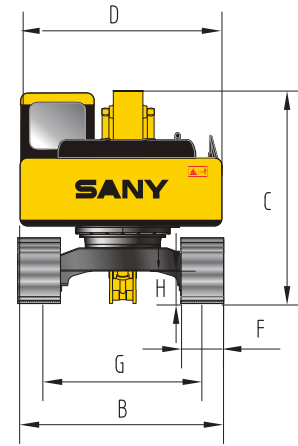
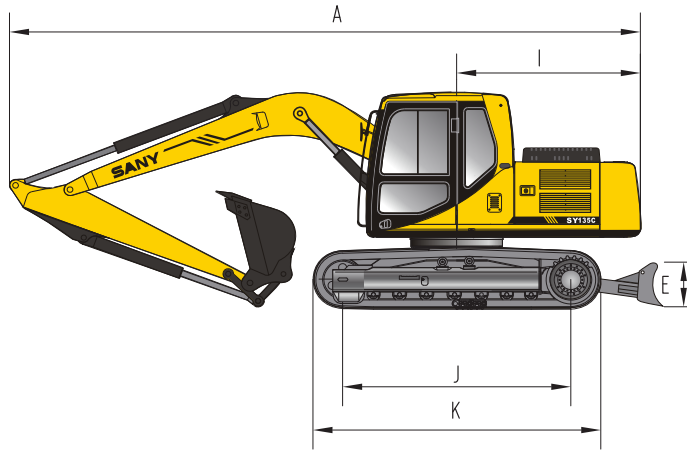
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# SY135C Dimensions & Specifications

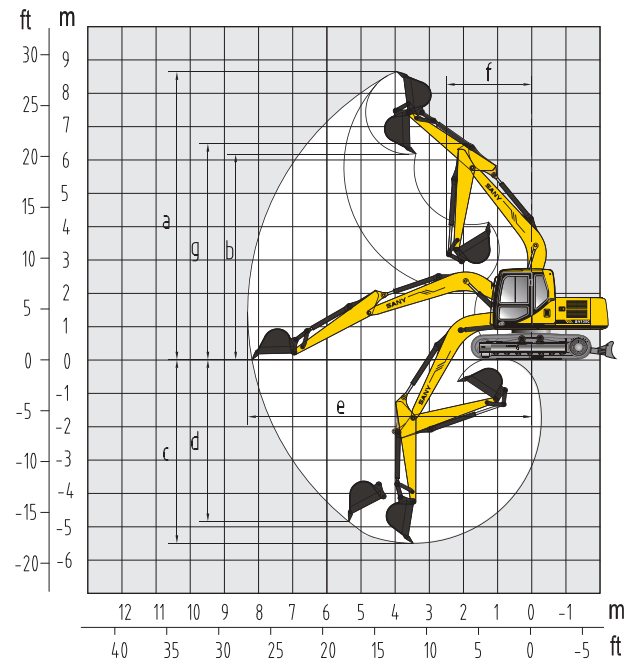


## Overall Dimensions

	U.S. (ft - in)	Metric (mm)
A Transport Length	25' 3"	7700
B Transport Width	8' 6"	2590
C Transport Height	9' 3"	2815
D Upper Width	8' 2"	2490
E Blade Plate Height	1' 6"	458
F Std Track Shoe Width	1' 11"	600
G Track Gauge	6' 6"	1990
H Minimum Ground Clearance	1' 5"	425
I Tail Swing Radius	7' 3"	2205
J Length Center Idler to Center Sprocket	9' 7"	2930
K Track Length	12'	3665
Boom Length	15' 1"	4600
Std Arm Length	8' 2"	2500

## Machine Parameters

	U.S.	Metric
Operating Weight	30,424 lb	13 800 kg
Net Power	97.9 hp	73.0 kW
Engine Max Torque	278.8 lbf / 1600 rpm	378 Nm / 1600 rpm
Swing Speed	12 rpm	12 rpm
Travel Speed	3.4 / 2.2 mph	5.5 / 3.5 km/h
Draw Bar Pull (Tractive Effort)	24,729 lbf	110 kN
Max Arm Digging Force	14,837 lbf	66 kN
Max Bucket Digging Force	20,682 lbf	92 kN
Number of Upper Rollers	2	2
Number of Lower Rollers	7	7
Fuel Tank Capacity	63.4 gal	240 liter
Hydraulic Tank Capacity	39.6 gal	150 liter
Cooling System Capacity	5.8 gal	22 liter
Engine Oil Capacity	3.5 gal	13.2 liter
Ground Pressure (600 mm Shoes)	6 psi	41.7 kPa



## Operating Range

	U.S. (ft - in)	Metric (mm)
a Max Digging Height	28' 4"	8645
b Max Dumping Height	20' 3"	6175
c Max Digging Depth	18' 1"	5500
d Max Vertical Wall Digging Depth	15' 11"	4850
e Max Digging Reach	27' 2"	8290
f Min Swing Radius	8' 2"	2500
g Max Height at Minimum Swing Radius	21' 4"	6500