



Rated power

150 kW/1790 rpm

Bucket capacity

0.75 m³

Operating weight

18000 kg

SY175EW

Sany Electric Excavator

TECHNICAL SPECIFICATION

SPECIFICATION	UNIT	VALUE
Operating weight	kg	18000
Bucket capacity	m ³	0.75
Main pump motor	-	SANY custom-made PMSM
Type	-	CATL Lithium Iron Phosphate
Rated power	kW/rpm	150/1790
Rated torque	Nm	800
Battery capacity	kwh	400
Charging time	h	≤1.5

TRAVEL PART	UNIT	VALUE
Number of tires	-	8
Model of tires	-	10.00-20 16PR
Max.steering angle	°	33

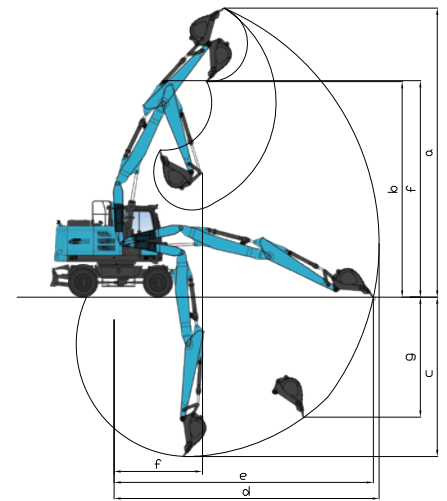
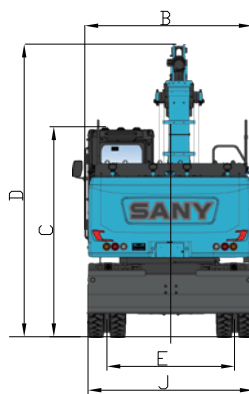
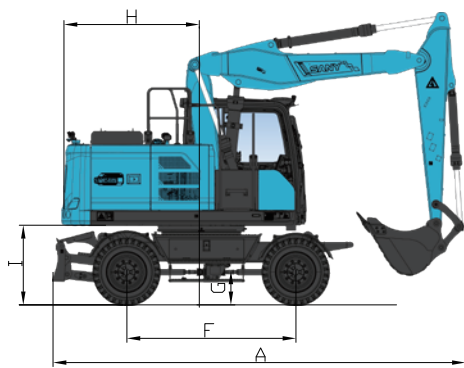
MAIN PERFORMANCE	UNIT	VALUE
Max. travel speed (slow)	km/h	7.9
Max. travel speed (high)	km/h	20/32
Swing speed	rpm	11
Gradeability	°	35
Ground pressure	kpa	690
Bucket digging force	kN	115.6
Arm digging force	kN	87
Max. travel force	kN	115

HYDRAULICS	UNIT	VALUE
Main Pump	bar/L/min	340/246.5
Hammer and Shear Circuit	bar/L/min	340/230
Hydraulic Shear Swing Circuit	bar/L/min	250/130
Quick Coupler Circuit	bar/L/min	340/10
Hydraulic oil tank	L	175

MACHINE DIMENSIONS

OVERALL DIMENSIONS	UNIT	VALUE
A.Total length (transportation)	mm	8340
B.Total width	mm	2550
C.Total height (top of cab)	mm	3315
D.Height (travel)	mm	3980
E.Track gauge	mm	1944
F.Wheelbase	mm	2600
G.Minimum ground clearance	mm	360
H.Tail swing radius	mm	2150
I.Counterweight clearance	mm	1230
J.Undercarriage width (blade)	mm	2550

WORKING RANGE	UNIT	VALUE
a. Max. digging height	mm	9927
b. Max. dumping height	mm	7535
c. Max. digging depth	mm	5540
d. Max. digging reach	mm	9150
e. Max. ground-level digging reach	mm	8950
f. Max. height at min. swing radius	mm	7280
g. Max. vertical digging depth	mm	4600
h. Min. swing radius	mm	2150



Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This flyer is for reference only, and goods in kind shall prevail. Copyright at SANY. No part of this brochure may be copied or used for any purpose without written approval from SANY.

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