

# SANY<sup>®</sup>

QUALITY CHANGES THE WORLD



**Rated power**

900 kW/1482 rpm

**Bucket capacity**

15 m<sup>3</sup>

**Operating weight**

292000 kg

# SY3000E

Mining Excavator

# TECHNICAL SPECIFICATION

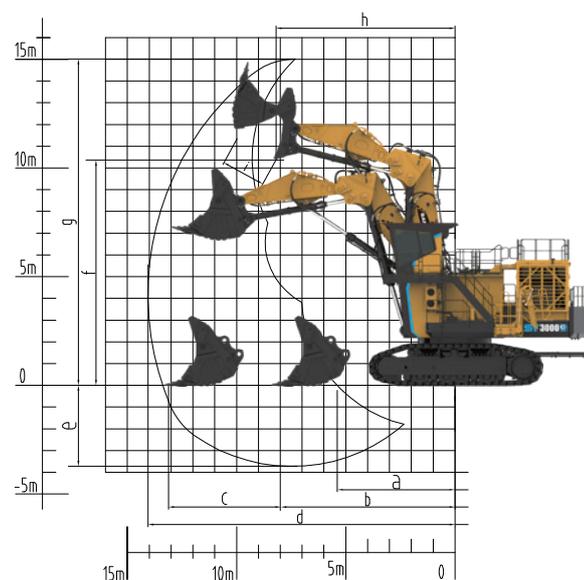
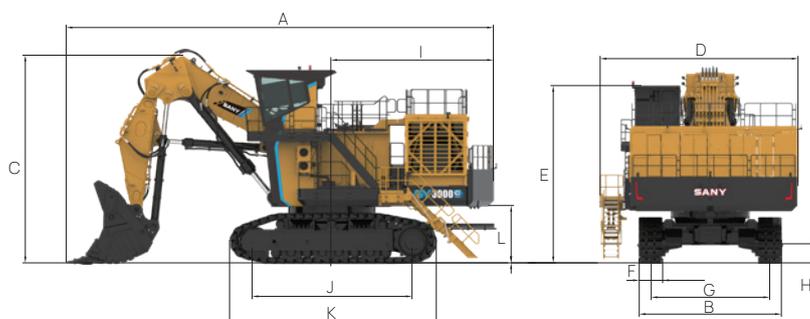
SPECIFICATION	UNIT	VALUE
Operating weight	kg	292000
Bucket capacity	m <sup>3</sup>	15
Rated power	kW/rpm	900/1482

SPECIFICATION	UNIT	VALUE
Traveling speed (high/low)	km/h	2.3/1.6
Swing speed	rpm	4.7
Gradeability	°	30
Max breakout force	kN	950
Max crowd force	kN	1035

# MACHINE DIMENSIONS

OVERALL DIMENSIONS	UNIT	VALUE
A. Overall length (with hydraulic cylinder fully retracted)	mm	14500
B. undercarriage width	mm	6020
C. Overall height	mm	8000
D. Upper structure width	mm	8040
E. Height to cab top	mm	7410
F. Track shoe width	mm	1000
G. Track gauge	mm	5020
H. Minimum ground clearance	mm	810
I. Tail swing radius	mm	6300
J. Track length on ground	mm	6180
K. Undercarriage length	mm	8070
L. Counterweight ground clearance	mm	2230

WORKING RANGE	UNIT	VALUE
Boom length	mm	6550
Arm length	mm	4600
a. Minimum ground digging reach	mm	5400
b. Minimum level crowd at ground level	mm	7980
c. Level crowd at ground level	mm	5100
d. Maximum digging reach	mm	14060
e. Maximum digging depth	mm	3730
f. Maximum dumping height	mm	10360
g. Maximum cutting height	mm	15010
h. Working radius at maximum dumping height	mm	8130
i. Maximum bucket opening width	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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# STANDARD EQUIPMENT

## HIGH VOLTAGE DISTRIBUTION SYSTEM

Electric air conditioning system	●
Leakage protection system	●
Anti-reverse rotation system	●
Cable terminal cabinet	●
High voltage system fault alarm	●
Motor fault alarm	●
Starting circuit abnormality alarm	●
Motor & electric cabinet overheating alarm	●

## CAB

FOPS cab	●
Air suspension heated & ventilated seat	●
10-inch zoned 360° panoramic display	●
Automatic thermostat	●
Dual zone independent air conditioning (openable without motor startup)	●
Air-source heating for rapid warming & defrosting	●
Air purification system	●

## SAFETY AND SECURITY

Sany intelligent surround view early warning system, rear and right-side-view cameras	●
Signal/warning horn	●
Swing alarm	●

## BOOM&ARM&BUCKET

6.55m Boom	●
4.6m Arm	●
15m³ Earthmoving bucket	●
Chisel-shaped bucket teeth	●

## HYDRAULIC SYSTEM

Auto two-speed travel	●
Electric main control valve	●
Centralized refueling system	●
Large displacement positive flow main pump	●
Large diameter closed-core main valve	●
Independent oil cooler control	●
Independent closed-loop swing	●

## UNDERCARRIAGE

350mm pitch 1000mm wide track	●
350mm pitch track roller	●
350mm pitch top roller	●
350mm pitch idler wheel	●
350mm pitch drive sprocket	●

## ELECTRICAL SYSTEM

Maintenance-free battery	●
Led left/right boom lights & cab lights	●
Programmable time-delay led work lights	●

## OTHERS

Centralized filling system	●
Automatic lubrication system	●
45° automatic boarding ladder	●
45° cab entrance aisle	●
Remote data access system (EVI)	●
Mud scraper	●

# OPTIONAL EQUIPMENT

For detailed information, please contact the Sany agent

Sharp bucket teeth	○
17 m³ Light-duty bucket	○

Cable reel	○
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