

# SY215E Cable Type

Rated power: 150 kW / 1,800 rpm  
Overall weight: 21,500 kg  
Bucket capacity: 1.1 m<sup>3</sup>

Energy-efficient, Cost-effective, and Environmentally Friendly



### High-power motor

The customized permanent magnet synchronous motor has the advantages of high power density, high torque density, high efficiency, excellent safety and reliability, and low energy consumption.



### Dynamic Optimization Intelligent Control System

Equipped with a fully electronic control "positive flow" system and "DOMCS" dynamic optimization intelligent control system, it exhibits improved efficiency and reduced energy consumption. It's safer, more reliable, and more sensitive, with longer lifespan for braking components and lower fault rates.



### High Safety and Reliability

It's equipped with: split residual current protection cabinet for remote power-off to ensure operator safety; commercial vehicle-grade electronic control system safety protection; intelligent thermal management system to ensure the reliability and stability of the motor and hydraulic system.



### Comfortable Driving Experience

Its noise level is comparable to that of a sedan, 18 dB lower than that of a fuel-powered loader. The seat design incorporates a 12-interface ergonomic concept for enhanced comfort and ultimate experience.

## SY215E Cable Type Electric Excavator



Note: The above attachments can be selected as needed

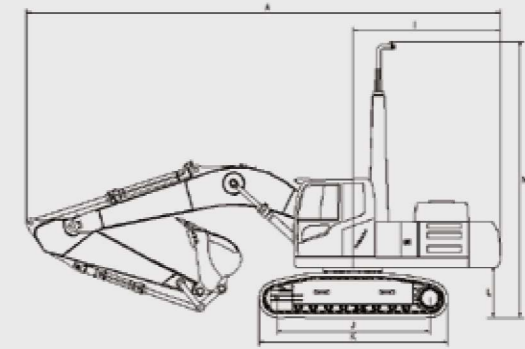
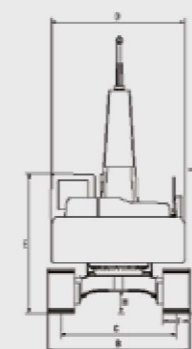
Performance parameters	SY215E Cable Type Electric Excavator
Overall weight	21900kg
Bucket capacity	1.1m <sup>3</sup>
Rated energy	150kW
Slewing speed	11rpm
Traction	220kN
Gradeability	70%(35°)
Ground pressure	47.3kPa
Bucket digging force	138kN
Arm digging force	109kN

Operating range (mm)	SY215E Cable Type Electric Excavator
a. Max. digging height	9600
b. Max. dumping height	6730
c. Max. digging depth	6600
d. Max. digging distance	10280
e. Min. slewing radius	3730
f. Max. height at Min. slewing radius	7680

Overall dimensions (mm)	SY215E Cable Type Electric Excavator
A. Overall length	9560
B. Overall width	2800
C. Overall height (during transportation)	3440
D. Superstructure width	2858
E. Overall height (to cab top)	3056
F. Standard track shoe width	600
G. Track gauge	2380
H. Min. ground clearance	440
I. Tail slewing radius	2890
J. Ground contact length of track	3445
K. Track length	4250

Multi-purpose machine	Configuration parameters
Standard working device	○
Lifting cab	○
Elevated cab	○
Extended arm (m)	13
Standard bucket	0.9-1.1
Clamshell bucket (m <sup>3</sup> )	1.4
Grapple bucket (m <sup>3</sup> )	0.6
Grapple	○
Hydraulic shears	○
Hawkbill shears	○
Breaking hammer (mm)	Φ135

○ Optional attachments



Note: Due to the continuous advancement of technology, the technical parameters and configuration may differ from the actual product; please refer to the actual delivered equipment. Additionally, the machines shown in the pictures may include optional attachments.