

 VERTU EQUIPMENT

 **SANY**

**EV RANGE
SY215E**

**READY FOR
HIGH VOLTAGE**



SY215E **ALL-ELECTRIC EXCAVATOR.**



- + Battery: Permanent magnet
- + Zero emissions
- + Maintenance saving costs
- + Large colour touchscreen display
- + Charge Time: 1.5h
- + Operating time: 6-10h

+ Safe and Secure

Utilising a multi-tier high-voltage safety configuration to safeguard operator well-being; incorporating safeguards for the cabin, hydraulic cylinders, and enhanced working equipment, along with an intelligent thermal management system; all to guarantee the dependability of batteries, motors, electronic controls, and hydraulic systems.

+ Energy Saving and Environmental Protection

Driven by a permanent magnet synchronous motor and exclusively powered by batteries, this machine operates emission-free, produces minimal noise, and offers excellent driving comfort. It is well-suited for various challenging environments such as tunnels, steel mills, and potentially hazardous conditions. What's more, its annual comprehensive operating cost is approximately 58% lower than that of conventional diesel engines.

+ Ease of Use

The three-electric system utilizes globally renowned brands and requires no maintenance. It features high-power double-gun fast charging, with just 1.5 hours needed for a full charge, providing a battery life of 6 to 10 hours.



SANY SY215E SPECIFICATIONS

PERFORMANCE PARAMETERS

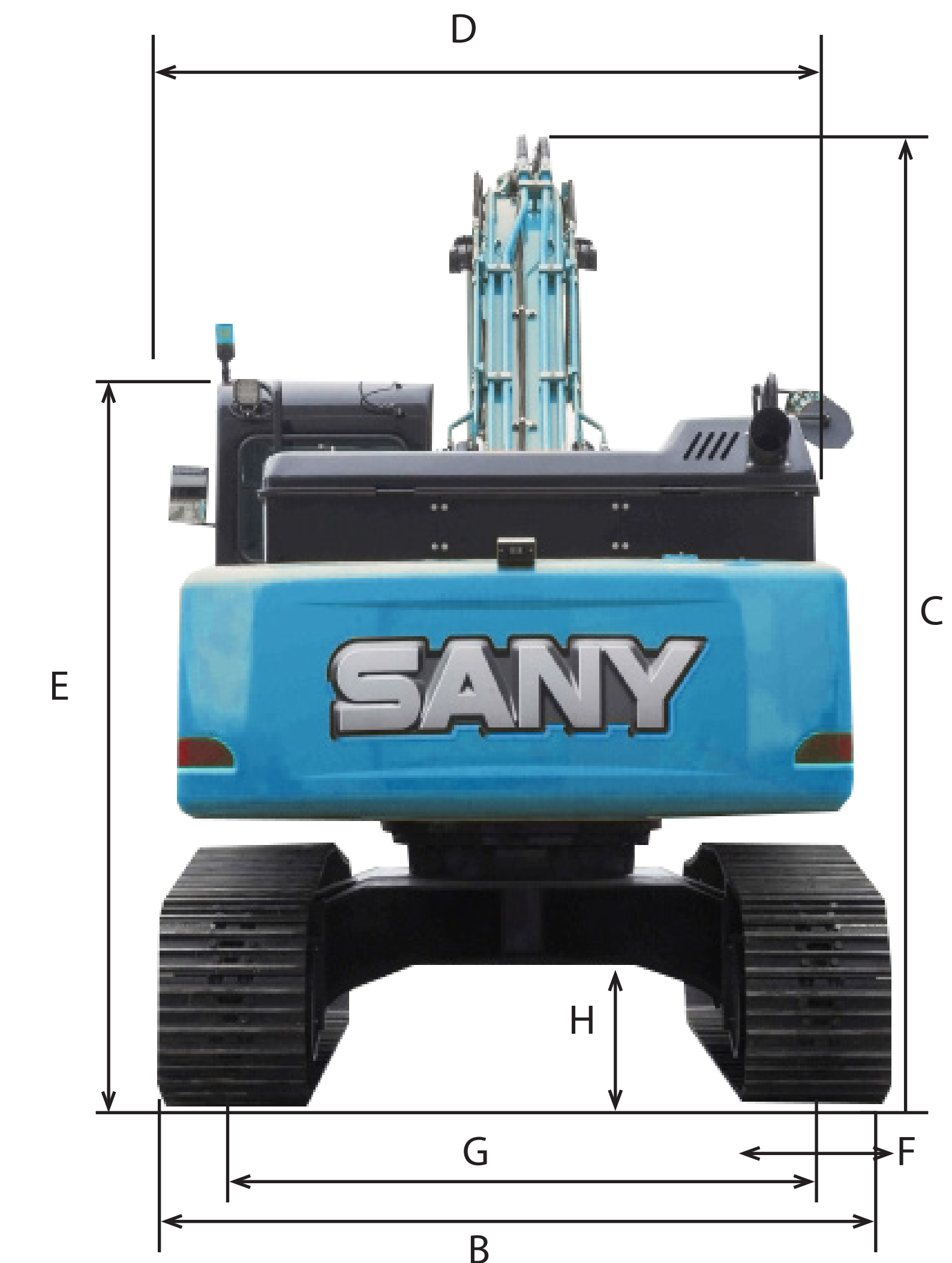
Working Weight	23,200kg
Bucket Face	1.1m ³ (0.8-1.2)
Rated storage energy	422KWh
Comprehensive battery life	6~10h
Motor	Permanent magnet synchronous AC motor
Rated power	150kw/1800rpm
Walking speed high/low	5.4/3.3 km/h
Rotation speed	12.5 rpm
Traction	220KN
Climbing ability	70% (35°)
Bucket digging power	138KN
Stick digging force	103KN

WORKING AREA (mm)

Max digging height	9600
Max unloading height	6730
Max digging depth	6255
Max digging distance	10280
Min radius of rotation	3730
Max height for minimum turn radius	7680

DIMENSIONS (mm)

A. Total Length	9910
B. Total Width	2980
C. Overall Height (Transport)	3440
D. Upper width	2875
E. Total height (cab top)	3075
F. Standard track shoe width	600
G. Gauge	2380
H. Minimum ground clearance	440
I. Tail rotation radius	3125
J. Track ground length	3445
K. Track length	4250





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