

SWE 215FE Electric Excavator

◆ Working weight:21500kg

◆ Rated power:132/1800kW

◆ Bucket capacity:1.0~1.2m³



SWE215FE: The product highlights are as follows:

- ◆ 1、Zero emissions and low noise, with a wider range of scenarios and a broader application range.
- ◆ 2、Full electric control positive flow control system, with smooth compound actions and fast response speed.
- ◆ 3、Standard configuration of dual-gun fast charging, real-time monitoring of charging, capable of meeting national and European charging standards, and charging time ≤1.5 hours.
- ◆ 4、Well-known domestic brand three-electric systems, IP67 high-level protection, sealed waterproof design of the battery compartment, providing all-round protection for personnel and machine safety.
- ◆ 5、By achieving a high degree of integration between the three-electric system and the traditional hydraulic excavator, the hydraulic components and main structural parts have been proven by the market to be reliable and durable.
- ◆ 6、The whole vehicle meets the CE certification standards.

TECHNICAL PARAMETERS

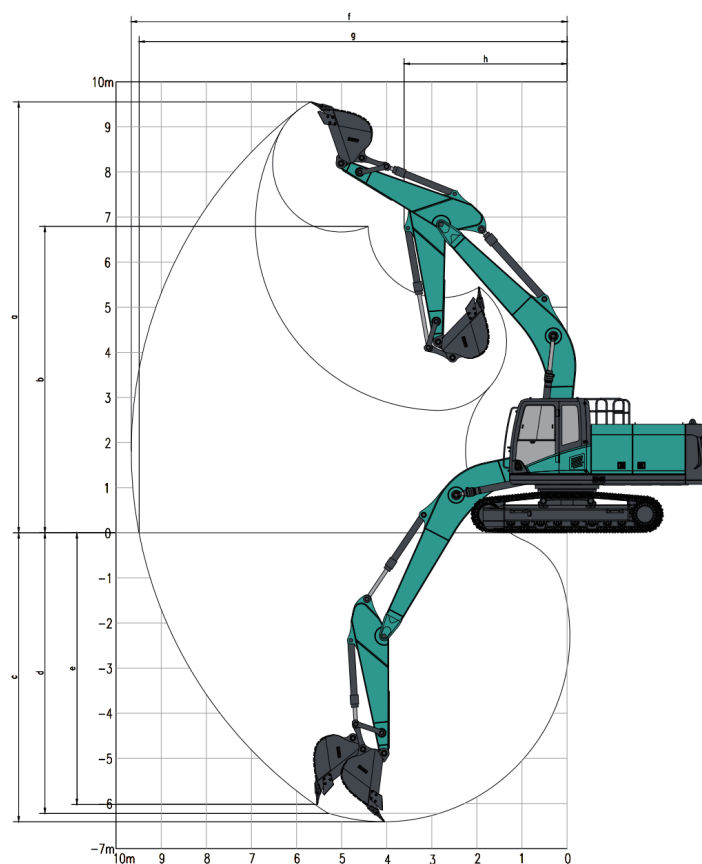


SWE215FE

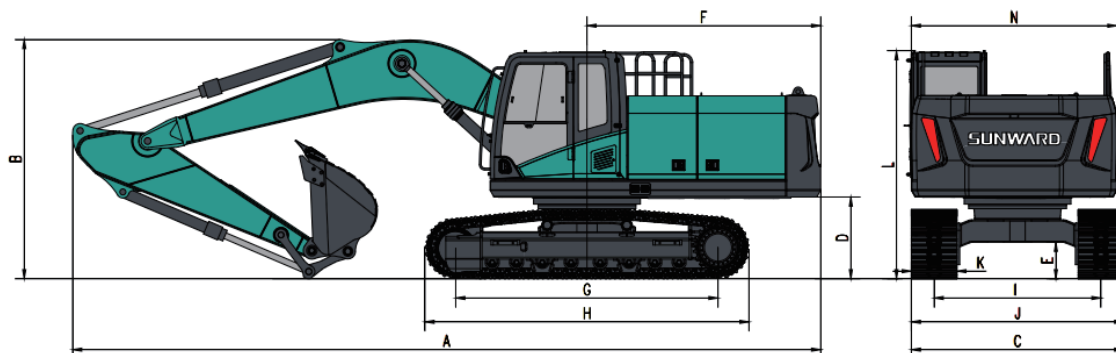
Performance parameters		
Specification		
Working weight	kg	21500
Bucket capacity	m ³	1.0~1.2
Motor		
Motor type		Permanent Magnet Synchronous
Rated power	kW	132/1800
Rated torque	N·m	700
Battery		
Type		Lithium iron phosphate
Capacity	k/Wh	315
Voltage	V	608.58
Indicative time	h	4-6
Hydraulic system		
Main pump type		Plunger variable pump
Max.flow	L/min	2X234
System pressure	Mpa	31.4/34.3
Pilot pump type		gear pump
Max.flow	L/min	18
Pressure	Mpa	3.9
Performance		
Swing speed	rpm	12
Travel speed	km/h	5.6/3.5
Climbing capacity	%	70
Ground pressure	kPa	47.6
Oil tank capacity		
Hydraulic oil	L	300

Working range、digging force			
Boom length		mm	5700
Arm length		mm	2600
a	Max.digging height	mm	9550
b	Max.dump height	mm	6790
c	Max.digging depth	mm	6405
d	Digging depth (2.44m:horizontal)	mm	6220
e	Max.vertical digging depth	mm	6020
f	Max.digging reach	mm	9665
g	Max.ground digging reach	mm	9490
h	Min.front swing radius	mm	3615
i	Max.lifting height of dozer blade	mm	/
j	Max.digging depth of dozer blade	mm	/
Digging force of bucket		kN	155
Digging force of arm		kN	110

Overall dimension			
A	Total length	mm	9860
B	Total height	mm	3345
C	Total width	mm	2800
D	Counterweight ground height	mm	1070
E	Min.ground height	mm	480
F	Tail swing radius	mm	3130
G	Track ground length	mm	3370
H	Track length	mm	4175
I	Track gauge	mm	2200
J	Track width	mm	2800
K	Track shoe width	mm	600
L	Max.height of the machine	mm	3000
N	Turntable width	mm	2710



★Because the productsds upgrades,above parameters may change



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