

INNOVATION LEADS TO VALUE



SWE 240FE

MEDIUM EXCAVATOR

◆ Total weight: 23.36 t

◆ Engine power: 132 kW

◆ Bucket capacity: 1.0 m³

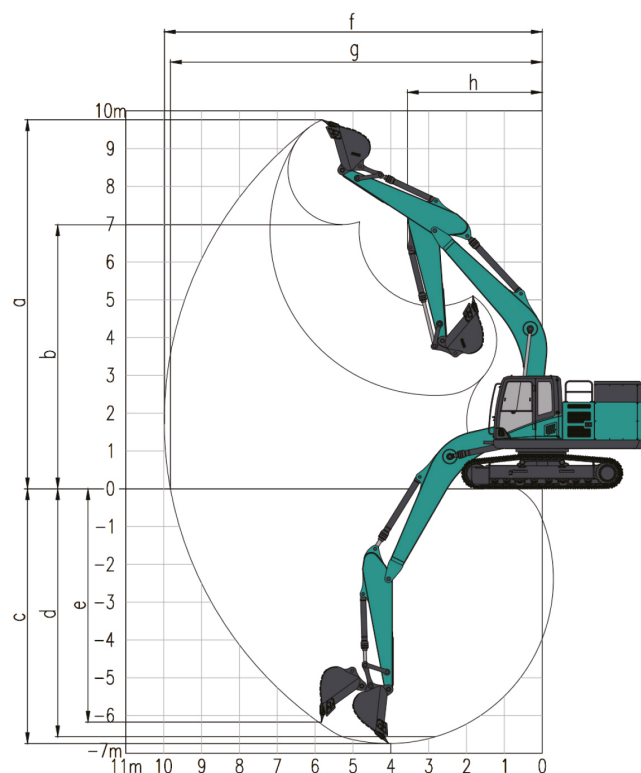


- ◆ Advanced frequency conversion drive control technology, multi-bus and Ethernet communication technology and battery integrated management system control technology are used.
- ◆ The two-stage heating mode makes it possible to start the normal operation of the battery motor by heating even in extremely cold temperatures, which is more applicable to various environments.
- ◆ In the integrated heat dissipation mode, the hydraulic oil and motor are integrated, and the cabin air conditioning and battery heat dissipation are integrated, to adjust the heat dissipation energy and reduce energy consumption according to the ambient temperature automatically.
- ◆ Intelligent and unmanned operations can be realized by installing intelligent remote control devices, which reduces the danger and intensity of manpower for a wider range of applications.



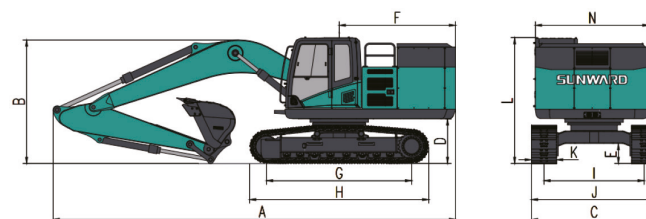
Parameters and performance of the main machine

Dimension (L×W×H)		mm	9 928 x 2 990 x 3 122
Operating mass		t	23.36
Bucket capacity		m³	1
Motor	Motor type	Permanent magnet synchronous	
	Rated power	kW	132
	Rated torque	N·m	700
Battery	Type	Lithium iron phosphate	
	Capacity	kWh	423
	Voltage	V	618.24
	Indicative time	h	6 - 8
Bucket digging force		kN	158.8
Arm digging force		kN	135.4
Type of primary pump		2 x Variable piston pump	
Max. flow of primary pump		L/min	2 x 234
System pressure		Mpa	31.4 / 34.3
Swing speed		rpm	10.6
Boom swing (L/R)		°	/
Travel speed		km/h	4.94 / 3.08
Gradeability		%	70
Ground pressure		kPa	51
Hydraulic oil tank capacity		L	300



Working range

	Boom length	mm	5 700
	Arm length	mm	2 920
a	Max. digging height	mm	9 698
b	Max. dumping height	mm	6 921
c	Max. digging depth	mm	6 750
d	Digging depth (2.44m; horizontal)	mm	6 560
e	Max. vertical digging depth	mm	6 175
f	Max. digging radius	mm	9 965
g	Max. digging reach at ground level	mm	9 805
h	Min. front slewing radius	mm	3 560



Outline dimensions

A	Total length	mm	9 928	H	Track length	mm	4 260
B	Total height	mm	3 122	I	Track gauge	mm	2 390
C	Total width	mm	2 990	J	Track width	mm	2 990
D	Counterweight Clearance	mm	1 070	K	Shoe Width	mm	600
E	Chassis ground clearance	mm	480	L	Max. height of total machine	mm	3 113
F	Tail slewing radius	mm	3 233	N	Uppercarriage width	mm	2 710
G	Track length on the ground	mm	3 465				

◆ The above parameters may be different due to product upgrading.

