

- ◆ 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.

SWE240FED

Parameters and performance of the main machine

Weight of whole machine	t	23.18	
Standard bucket capacity	m ³	1	
Digging force of bucket	kN	155	
Digging force of arm	kN	110	
Max. traction	kN	232	
Traveling speed(Max/Min)	km/h	5.2/3.3	
Gradeability	°	35	
Ground pressure	kPa	52.4	
Slewing speed	rpm	11.8	
Engine	Battery Brand	CATL Battery	
	LFP Battery	Lithium Iron Phosphate	
	Nominal voltage	V	618
	Nominal capacity	Ah	228
Motor	kw	120	
Electricity	Kwh	422	
Primary pump	Type	2 x piston variable pump	
	Flow rate	L/min	2x234
Pressure of main relief valve	MPa	34.3	
Hydraulic oil tank capacity	L	58	

Working range

Boom length	mm	5700
Arm length	mm	2920
a Max. digging height	mm	9750
b Max. dumping height	mm	6980
c Max. digging depth	mm	6750
d Digging depth (2.44m; horizontal)	mm	6560
e Max. vertical digging depth	mm	6425
f Max. digging radius	mm	9940
g Max. digging reach at ground level	mm	9775
h Min. front slewing radius	mm	2778

Outline dimension

A	Total length	mm	9593	H	Total track length	mm	4265
B	Total height	mm	2914	I	Track distance	mm	2390
C	Total width	mm	2990	J	Track width	mm	2990
D	Ground clearance of platform	mm	1060	K	Width of track link	mm	600
E	Chassis ground clearance	mm	478	L	Cab roof height	mm	2990
F	Platform tail slewing radius	mm	2778	N	Upper-structure width	mm	2710
G	Wheel tread	mm	3465				

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

