

INNOVATION LEADS TO VALUE



SWE20FED ELECTRIC EXCAVATOR

◆ Total weight:1.92t

◆ Capacity of bucket:0.035m³

◆ Motor:10kW/1600rpm

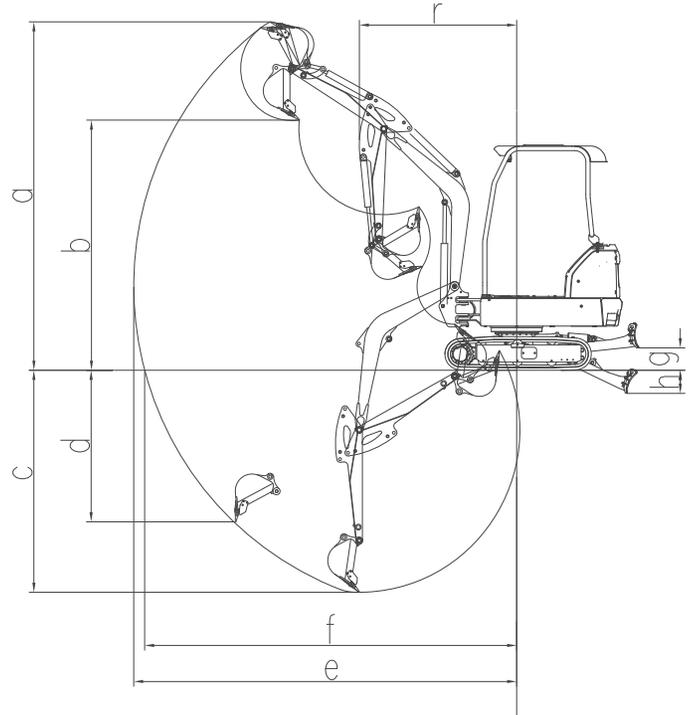


- ◆ Pure electric, safe and reliable: Three electric systems under famous domestic brands are used, namely, the lithium iron phosphate battery, high torque motor and electric drive, ensuring the safe and reliable operation of the equipment.
- ◆ With zero emission and super low noise, it specially suits for the enclosed spaces with high requirements for tail gas emissions and noise such as wells, tunnels and underground construction sites without ventilation facilities. It can also be used in the areas that are sensitive to noise and emissions, such as urban streets, hospitals and schools.
- ◆ Stable operation in areas with low temperature and high altitude. Lithium iron phosphate battery is used for energy storage, and motor is used to replace internal combustion engine to overcome the difficulties of starting oil engine at low temperature and instable power in high-altitude areas, so as to meet any special working conditions.
- ◆ Slow charging + fast charging + long service duration: It can be charged rapidly and directly charged with 220V voltage at home, featuring higher adaption. After fully charging the equipment, it can be used for 4-6 hours.
- ◆ Easy maintenance for higher profit: High and low pressures are separated, and the fuel and electricity are separated for convenient maintenance. The whole system has low maintenance cost, and the comprehensive use cost has been reduced by 70%.



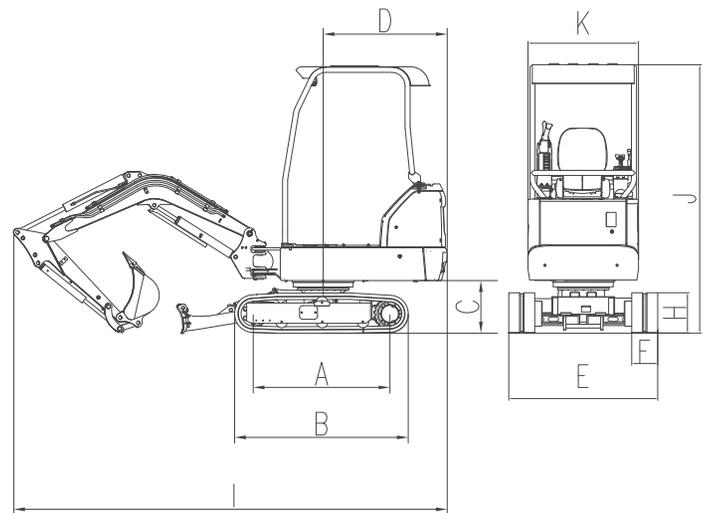
Parameters and performance of the main machine

Dimension (L×W×H)	mm	3840×990×2361	
Overall weight	With rubber track	t	1.92
	With steel track	t	\
Standard bucket capacity	m ³	0.035	
Bucket digging ability	kN	22.7	
Digging force of arm	kN	9.8	
Max. traction	kN	18.5	
Deflection angle (boom)	°	47°(Right)65°(Left)	
Travel speed (Max/Min)	km/h	4.5/2.5	
Gradeability	°	30	
Ground pressure	kPa	30	
Slewing speed	rpm	10	
Engine	Battery Brand	EIKTO	
	LFP Battery	YJT73.6V280AH	
	Nominal voltage	V	73.6
	Nominal capacity	Ah	280
	Motor	kW/rpm	10/1600
Electricity	Kwh	20.6	
Primary pump	Type	1 variable piston pump	
	Flow rate	L/min	50
Pressure of main relief valve	MPa	24.5	
Hydraulic oil tank capacity	L	20	



Working range

	Arm length	mm	1150
a	Max. digging height	mm	3770
b	Max. dumping height	mm	2720
c	Max. digging depth	mm	2380
d	Max. vertical digging depth	mm	1870
e	Max. digging radius	mm	4040
f	Max. digging reach at ground level	mm	3945
g	Max. lift height of the dozer blade	mm	240
h	Max. digging depth of the dozer blade	mm	240
r	Min. swing radius	mm	1580
	Bulldozer blade length×width	mm	1360×267



Outline dimension

A	Wheel tread	mm	1210	G	Chassis ground clearance	mm	160
B	Total track length	mm	1540	H	Track height	mm	352
C	Ground clearance of platform	mm	460	I	Total length	mm	3840
D	Platform tail slewing radius	mm	1120	J	Cab roof height	mm	2361
E	Chassis width	mm	990/1360	K	Upper-structure width	mm	990
F	Track width	mm	230				

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

