

INNOVATION LEADS TO VALUE



SWE 60UFED ELECTRIC EXCAVATOR

◆ Total weight: 6t

◆ Motor power: 30kW

◆ Bucket capacity: 0.08~0.30m³



◆ Efficient, environmentally friendly, clean, energy-saving and economic

Equipped with high-torque permanent magnet synchronous motor; high efficiency, low energy consumption, zero emission, low comprehensive use and maintenance cost.

◆ Convenient and long-lasting operation

Equipped with a high-capacity battery as well as an integrated AC/DC charging port, it can be fully charged in as fast as 1.5 h and work for 4-6 h.

◆ Exquisite, capable, flexible and all-round

Standard attachment piping and quick-change piping can replace manual labor to meet a variety of attachment requirements; side and corner operations can be successfully carried out based on a zero-tail swing body, easy and flexible wall-side construction, and deflection of working devices.

TECHNICAL PARAMETERS



SWE 60UFED

Performance Parameters of Machine

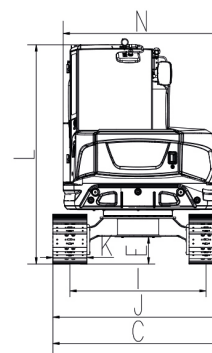
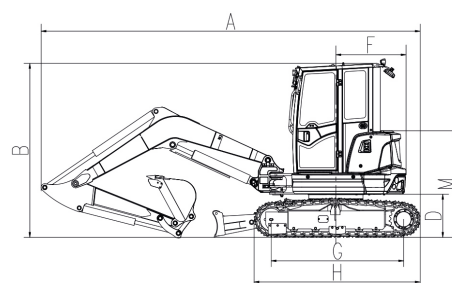
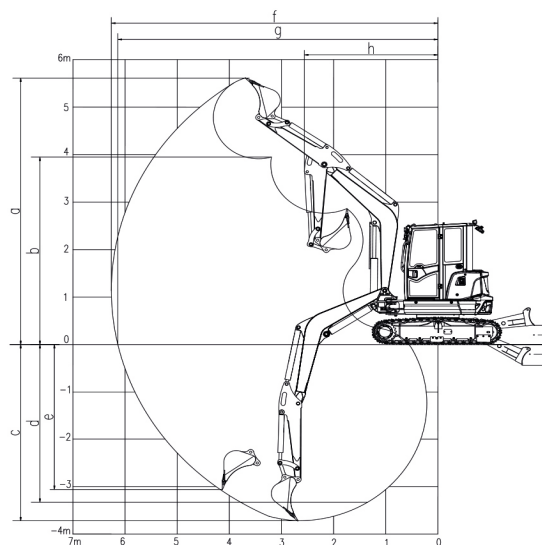
Operating mass	kg	6000
Bucket capacity	m ³	0.08-0.30
Motor	Motor type	P.M.
	Rated power	kW 30
	Rated torque	N·m 120
Battery	Type	Lithium iron phosphate
	Capacity	kWh 66.6
	Voltage	V 332.8
	Indicative time	h 4-6
Type of primary pump		Variable piston pump
Max. flow of primary pump	L/min	172
System pressure	Mpa	25
Type of pilot pump		/
Max. pilot flow	L/min	15
Pilot pressure	Mpa	3.5
Swing speed	rpm	10
Travel speed	km/h	4.8/2.7
Gradeability	%	70
Ground pressure	kPa	34
Capacity of hydraulic tank	L	65

Working range

a	Max. digging height	mm	5600
b	Max. unloading height	mm	3950
c	Max. digging depth	mm	3700
d	Digging depth(2.44 m, horizontal)	mm	3300
e	Max. vertical digging depth	mm	3050
f	Max. digging reach	mm	6260
g	Max. ground digging reach	mm	6140
h	Min. front swing radius	mm	2560
i	Max. lift height of dozer blade	mm	400
j	Max. digging depth of dozer blade	mm	435
	Allowable boom shift(left/right)	°	70/50
	Excavation force of bucket	kN	47
	Digging force of arm	kN	31

Outline dimensions

Boom length	mm	2900	G	Ground contact length of track	mm	1985
Arm length	mm	1600	H	Length of track	mm	2490
A Total length	mm	5680	I	Track gauge	mm	1600
B Total height	mm	2570	J	Track width	mm	2000
C Total width	mm	2000	K	Width of track link	mm	400
D Ground clearance of counterweight	mm	635	L	Max. height of machine	mm	2570
E Min. ground clearance	mm	320	N	Width of turntable	mm	1845
F Tail swing radius	mm	1050				



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

