

INNOVATION LEADS TO VALUE



SUNWARD

# SWE225E-3H MEDIUM-EXCAVATOR

◆ Total weight:22.4t

◆ Engine power:124kW/2050rpm

◆ Bucket capacity:1.1m<sup>3</sup>



- ◆ The high-power engine of international famous brand is used, and the torque is larger than the competitors in all aspects, providing strong power to excavate and fast response with sufficient power reserve.
- ◆ Mature and reliable imported hydraulic system is used, featuring excellent performance.
- ◆ The self-developed load adaptive control technology has been used to significantly improve the power utilization rate of the hydraulic system while ensuring the fuel economy of the engine, so that the excavation operation is more fuel-efficient.
- ◆ A variety of optional auxiliaries and bulldozers could be selected for more applications.
- ◆ Heavy-duty moving arm, bucket bar and rotation platform designed for large excavator that are reliable and durable.
- ◆ There are multiple protections for the fuel system, eliminating the user's concerns about it. The installation positions of accessories are centralized and orderly, and full consideration has been given to the replacements in case of failure to facilitate the maintenance activities.

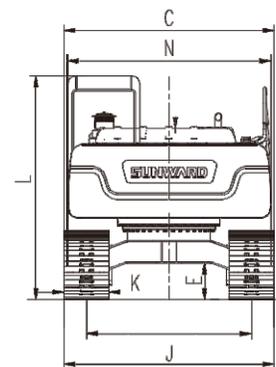
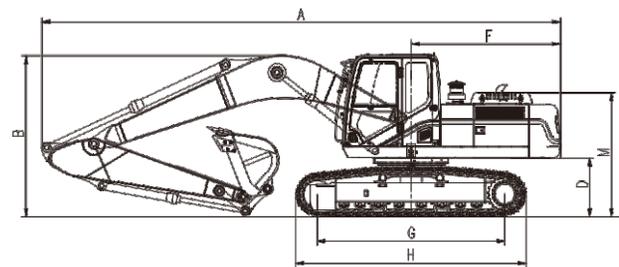
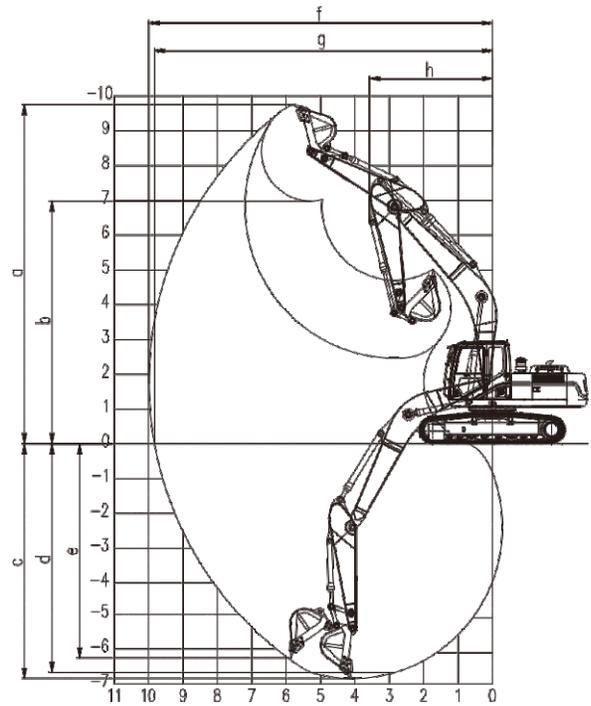


### Parameters and performance of the main machine

Weight of whole machine	t	22.4	
Standard bucket capacity	m <sup>3</sup>	1.1	
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	48.4	
Slewing speed	rpm	11.8	
Engine	Brand	Cummins	
	Model	QSB7	
	Type	4-stroke water cooling supercharging	
	Displacement	L	6.7
	Power/rpm	kw/rpm	124/2050
Fuel tank capacity	L	370	
Primary pump	Type	2 x piston variable pump	
	Flow rate	L/min	2x216
Pressure of main relief valve	MPa	31.4/34.3	
Hydraulic oil tank capacity	L	250	

### 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	5900
f	Max. digging radius	mm	9940
g	Max. digging reach at ground level	mm	9775
h	Min. front slewing radius	mm	3560



### Outline dimension

A	Total length	mm	9570	H	Total track length	mm	4258
B	Total height	mm	2970	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	2960
F	Platform tail slewing radius	mm	2750	N	Upper-structure width	mm	2830
G	Wheel tread	mm	3465				

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

