

Earthwork Expert

SWE225E-3H

◆Operating weight: 22.3t ◆Engine power: 124kW/2050rpm ◆Standard bucket capacity: 1.0 ~ 1.1m³



- The self-developed ELAC adaptive load control technology ensures to bring the power and economic efficiency of the engine to the greatest extent.
- With the patent-protected slewing flow adaptive matching technology, the energy loss in slewing is reduced.
- Below an altitude of 4,000 m, the excavating efficiency does not decrease under any working condition.
- The double arc buckets increase the loading capacity of each cycle by 10%.



SWE225E-3H

Main Technical Parameters

Performance Parameters

Specifications

Operating weight	t	22.3
Standard bucket capacity	m ³	1.0 ~ 1.1

Engine

Brand		Cummins
Model		QSB7
Type		Four-stroke, water cooling, direct injection
Rated power	kW/rpm	124/2050
Maximum torque	N·m/rpm	658/1200
Displacement	L	6.7

Hydraulic System

Type of main pump		Dual-tandem plunger pump with variable displacement
Maximum flow of main pump	L/min	2×240
System pressure	MPa	31.4/34.3
Type of pilot pump		1 Gear pump
Maximum flow of pilot pump	L/min	21
Pressure of pilot pump	MPa	3.9

Performance

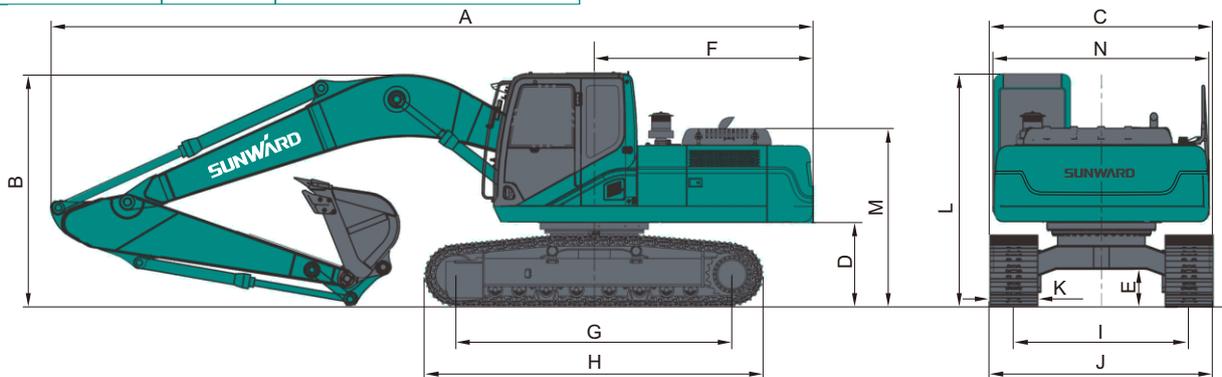
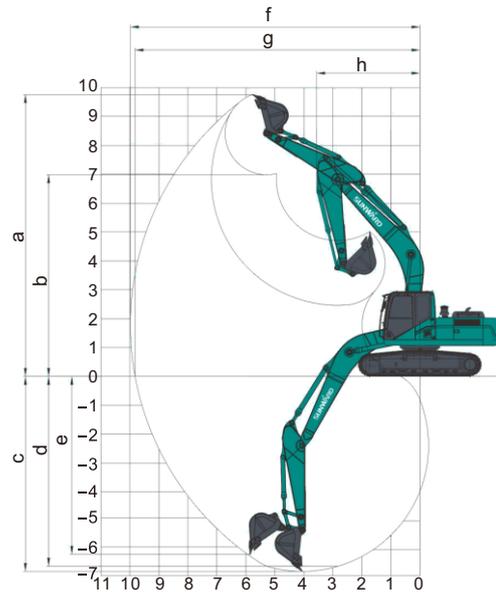
Rotating speed	rpm	11.8
Traceling speed	km/h	5.2/3.3
Maximum gradeability	°	35
Width of track link	mm	600
Ground specific pressure	kPa	46

Tank Volume

Fuel tank	L	370
Hydraulic oil tank	L	250

Working Range

a	Max. digging height	mm	9750
b	Max. unloading 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 distance	mm	9940
g	Max. ground digging distance	mm	9775
h	Min. front swing radius	mm	3560
Digging force of bucket (ISO supercharging)		kN	155
Digging force of arm (ISO supercharging)		kN	110



Outline Dimension

Boom length	mm	5700	G	Ground contact length of track	mm	3465	
Arm length	mm	2920	H	Length of track	mm	4260	
A	Total length	mm	9570	I	Track gauge	mm	2390
B	Total height	mm	2945	J	Width of track	mm	2990
C	Total width	mm	2990	K	Width of track link	mm	600
D	Ground clearance of counterweight	mm	1060	L	Cab height	mm	2945
E	Minimum ground clearance	mm	478	M	Height of machine hood	mm	2250
F	Tail swing radius	mm	2750	N	Width of turntable	mm	2830

★ The above parameters may change due to product update

SUNWARD INTELLIGENT EQUIPMENT CO.,LTD.

Add: Sunward Industrial Park, No. 1335 Liangtang Road (E), Xingsha, Changsha, Hunan, China.
Tel: +86 731 8640 7779 E-mail: marketing@sunward.cc Web: www.sunward.com.cn