

SUNWARD

Great ideal leads to great future

SWE 08B

SWE 08B MINI-SIZED EXCAVATOR



Engine netpower: 7.2kW
Machine weight: 1010kg



Duivenvoorden Machine Service
Leidsevaart 5 VOORHOUT
Tel: 06-86811151
info@dmssunwardwest.nl
www.dmssunwardwest.nl

SWE08B is a compact mini-sized excavator applied in narrow spaces, featuring high reliability, easy operations, and excellent protection for the driver. It will become your excellent partner.



Yanmar engine

Trustworthy on compact equipment, this engine features low noise, low vibration, and easy maintenances for main parts.



Fops/Tops

The standard tiltable/foldable protection cage conforms to the EU Fops/Tops safety certification requirements to safeguard the driver. This protection cage features better trafficability after being folded.



Telescopic chassis

Controlled by simple single joystick, the chassis width can be retracted to 750mm to adapt to narrow spaces. On the contrary, the chassis width can be extended to 1,000mm to improve the stability by 15% and even allow the use of hydraulic breaking hammer.



With simple rotating shaft, the bulldozing blade is capable of rapid folding.



With the chassis retracted to 750mm, the SWE08B can drive through most narrow door openings successfully for operations indoors.



Quick change device

It can allow the removal and installation of various buckets and attachments in a time-saving and rapid manner.

Working device pipeline

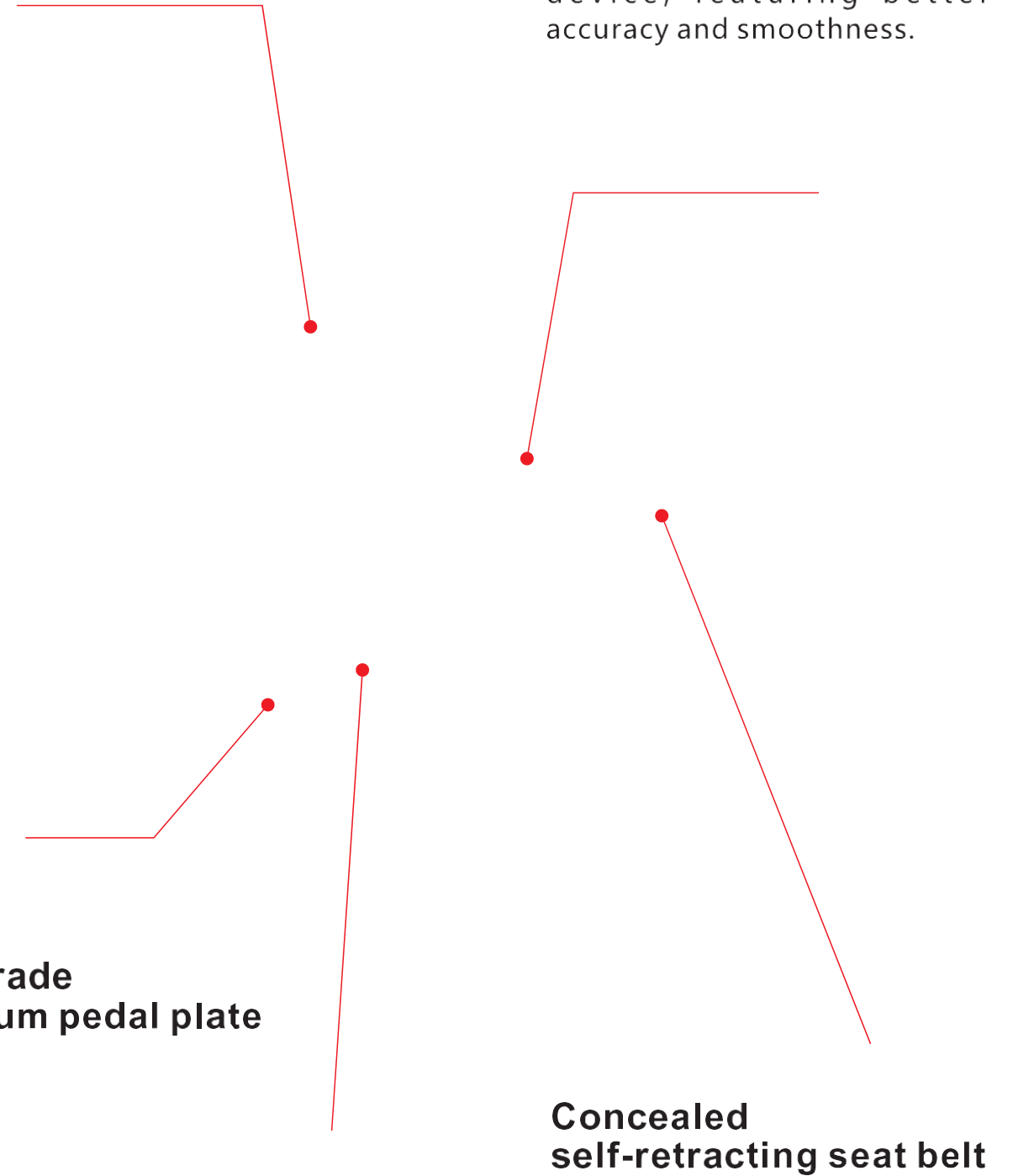
The transitional connection is applied for all working pipelines at the boom root to ease repairs and replacement and all exposed pipelines vulnerable to collision or scratch are protected by steel sleeves to effectively prolong the life.

Hoisting points

3 hoisting points are provided for direct hoisting and transport by a crane, featuring high safety and simplicity.

Pilot control for working device

The hydraulic pilot control is firstly applied for the working device, featuring better accuracy and smoothness.



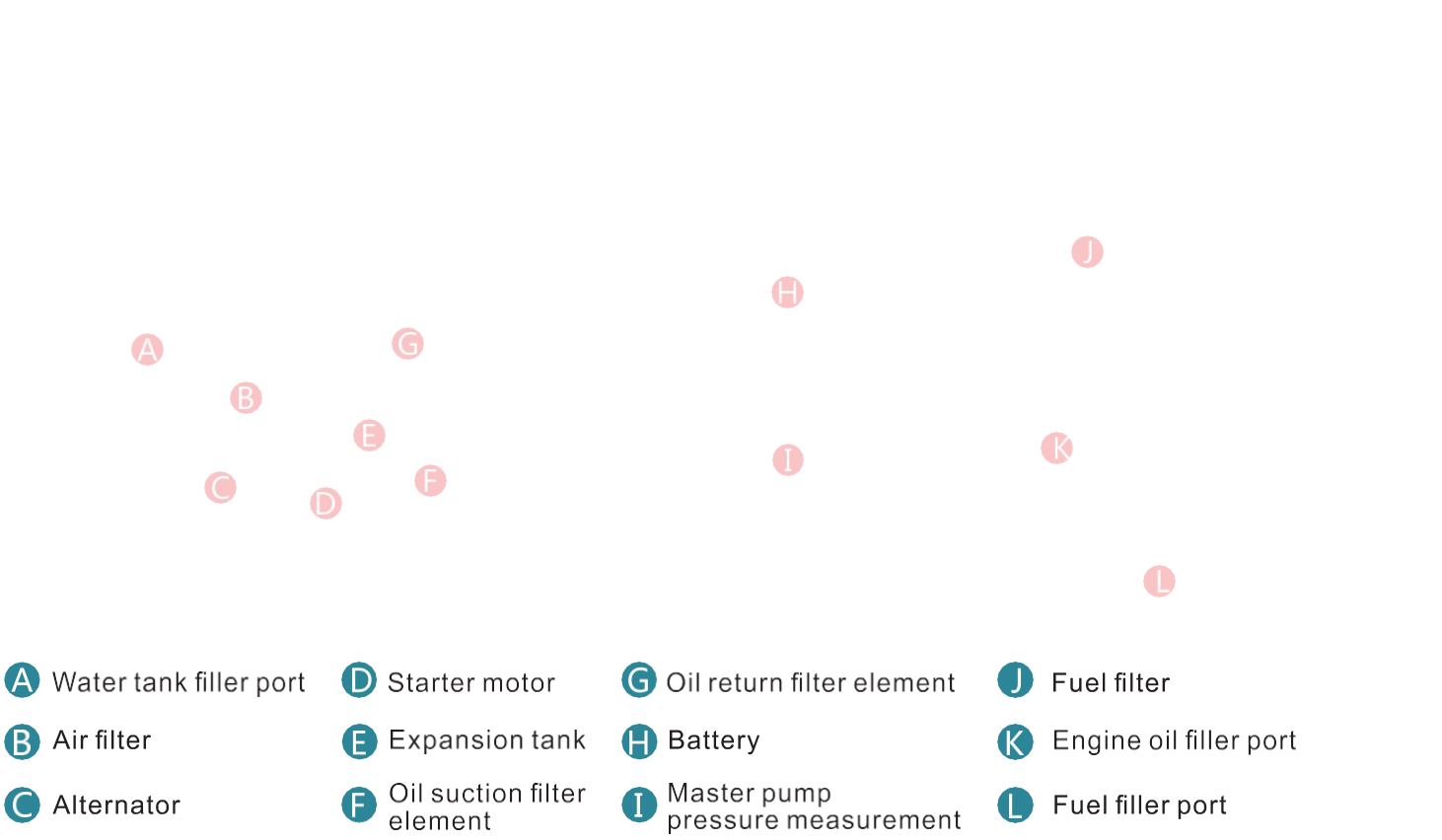
High-grade aluminum pedal plate

Concealed self-retracting seat belt

High-grade aluminum pedal plate

Large maintenance space

The tiltable engine hood allows the exposure of most engine area to ease the repairs.



Centralized grease injection

External centralized pressure measurement connector

SWE08B Technical Parameters									
司机室类型			敞篷司机室						
Bucket capacity,std.		m³	0.022				750		740
Bucket width		mm	320						
Machine weight		kg	1010						
Dimensions	Overall length	mm	2640						
	Overall height	mm	2250						2250
	Overall width	mm	750						
	Ground clearance	mm	131						
Brand		Yanmar							
Engine	Model	2TNV70-PSU							
	Displacement	L	0.57						
Output		kW/rpm	7.2/2400						
Max cutting height		mm	3085						
Max loading height		mm	2305				418.5		180
Working ranges	Max digging depth	mm	1825						
	Max digging reach	mm	3180				975		750/1000
	Boom swing angle (left/right)	°	73/53				1299		
	Front swing radius	mm	1221						
Tail swing radius		mm	750		1890		896		
Max digging force (Arm)		kN	5.8						1221
Max digging force (Bucket)		kN	9.4						
Track	Type	Rubber crawler							
	Rubber shoe Width	mm	180						
Track Length		mm	1299						
Length to center of Rollers		mm	975						
Undercarriage	Lenhth to center of track	mm	560/820		3085				
	Travelling spaeed (High/Low)	km/h	2.9/1.5						
Gradeability		deg	30				2305		
Swing speed		rpm	8.2						
Ground pressure		kpa	24.5						225
Dozer size	Width	mm	750/1000						
	Height	mm	190						
Lifting capacity (Height/Depth)		mm	225/225						
Hydraulic pumps	Type	3 Gear pump							
	Flow rate	L/min	3*9.6		1825		1440		225
	Hydraulic pressure	Mpa	2*16						
Swing motor		Cycloidal motor							
Travel motor		2-speed ram motor							
Hydraulic oil tank capacity		L	90				3085		
Fuel tank capacity		L	10				3180		

Load Capability:

Lift Point Height	Lift Point Radius(MAX)		Lift Point Radius(2.0m)		Lift Point Radius(1.0m)		
	Over-front(kg)	Over-side(kg)	Over-front(kg)	Over-side(kg)	Over-front(kg)	Over-side(kg)	
2.0m	119.60*	86.6	129.20*	107.30	416.40*	264.00	提升点
1.0m	157.90*	61.9	100.50*	94.90	416.40*	264.00	
0.0m	196.20*	70.1	224.90*	86.60	445.10*	202.20	提升高度
-1.0m	205.80*	127.9	-	-	287.10*	243.40	

- Notes :
- 1、 Load with * is limited by hydraulic capacity and based on ISO 10567 .Rated loads do not exceed 87% of hydraulic capacity.
 - 2、 Load without * is limited by tipping load and based on ISO 10567 .Rated loads do not exceed 75% of tipping capacity.
 - 3、 The excavator bucket,hook,sling and other lifting accessories are not included in this table.