

SWE 08B MINI-SIZED EXCAVATOR







Beijerscheweg 4 2821 NG Stolwijk Tel: +31 (0) 627 0067 92 info@123sunward.nl www.123sunward.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



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.





Air filter

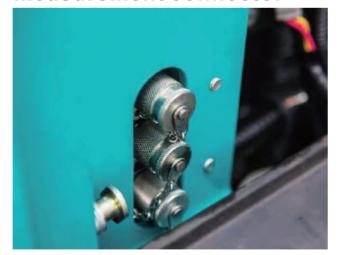
Alternator

- Expansion tank
- Oil suction filter element
- G Oil return filter element
- Battery
- Master pump
 pressure measurement
- Fuel filter
 - Engine oil filler port
 - Fuel filler port

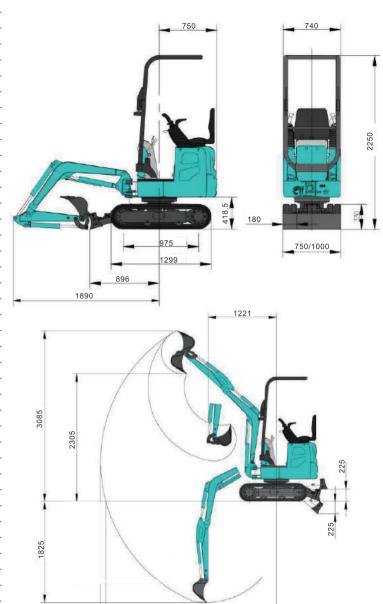
Centralized grease injection



External centralized pressure measurement connector

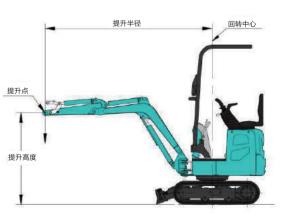


Bucket capacity,std. m³ 0.022	SWE08B Technical Parameters								
Bucket width	司机室类型		敞篷司机室						
Dimensions	Bucket capac	city,std.	m³	0.022					
Dimensions	Bucket width	1	mm	320					
Dimensions	Machine wei	ght	kg	1010					
Dimensions Overall width mm 750		Overall length	mm	2640					
Brand	Dimoniona	Overall height	mm	2250					
Engine	Difficisions	Overall width	mm	750					
Model		Ground clearance	mm	131					
Displacement	Fusing	Brand	\	Yanmar					
Displacement		Model	2TN	NV70-PSU					
Max cutting height mm 3085 Max loading height mm 2305 Max digging depth mm 3180 Boom swing angle (left/right)	Engine	Displacement	L	0.57					
Working ranges Max loading height Max digging depth Max digging reach Max digging angle (left/right)		Output	kW/rpm	7.2/2400					
Working ranges Max digging depth mm 3180 Boom swing angle (left/right)		Max cutting height	mm	3085					
Working ranges Max digging reach mm 3180 Boom swing angle (left/right) 0 73/53 Front swing radius mm 1221 Tail swing radius mm 750 Max digging force (Arm) kN 5.8 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 Lenhth to center of track mm 560/820 Travelling spaeed (High/Low) km/h 2.9/1.5 Gradeability deg 30 Swing speed Ground pressure kpa 24.5 Width mm 750/1000 Height Lifting capacity (Height/Depth) mm 225/225 Hydraulic pumps Type 3 Gear pump Flow rate Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Fuel tank capacity L 10		Max loading height	mm	2305					
ranges Boom swing angle (left/right) 0 73/53		Max digging depth	mm	1825					
Front swing radius Tail swing radius Tail swing radius Tail swing radius Max digging force (Arm) Max digging force (Bucket) Max digging force (Arm) Max digging fore (Arm) Max digging fore (Arm) Max digging force (Arm) Max digging force (Arm) Max digging fore (Arm) Max di	Working	Max digging reach	mm	3180					
Tail swing radius mm 750 Max digging force (Arm) kN 9.4 Track Type Rubber shoe Width mm 180 Track Length mm 1299 Length to center of Rollers mm 560/820 Travelling spaeed (High/Low) km/h 2.9/1.5 Gradeability deg 30 Swing speed rpm 8.2 Ground pressure kpa 24.5 Width mm 750/1000 Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Hydraulic pumps Tail swing radius mm 750 kN 5.8 Rubber crawler And 1299 Length to center of Rollers mm 560/820 Travelling spaeed (High/Low) km/h 2.9/1.5 Gradeability deg 30 Swing speed rpm 8.2 Ground pressure kpa 24.5 Flow a 24.5 Midth mm 750/1000 Type 3 Gear pump Flow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor Fuel tank capacity L 10	ranges	Boom swing angle (left/right)	0	73/53					
Max digging force (Arm) kN 5.8 Max digging force (Bucket) kN 9.4 Track Type Rubber crawler Rubber shoe Width mm 180 Undercarrige Track Length mm 1299 Length to center of Rollers mm 975 Lenhth to center of track mm 560/820 Travelling spaeed (High/Low) km/h 2.9/1.5 Gradeability deg 30 Swing speed rpm 8.2 Ground pressure kpa 24.5 Width mm 750/1000 Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Hydraulic pressure L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10		Front swing radius	mm	1221					
Track Type Rubber shoe Width mm 180 Rubber crawler mm 1299 Undercarrige Length to center of Rollers mm 560/820 975 Lenhth to center of track Travelling spaeed (High/Low) Radeability mm 560/820 Swing speed Ground pressure kpa 24.5 Width mm 750/1000 Height mm 190 Lifting capacity (Height/Depth) mm 225/225 3 Gear pump Hydraulic pumps Flow rate Hydraulic pressure L/min 3*9.6 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10		Tail swing radius	mm	750					
Track Type Rubber shoe Width Rubber crawler Rubber shoe Width mm 180 Track Length mm 1299 Length to center of Rollers mm 975 Lenhth to center of track mm 560/820 Travelling spaeed (High/Low) km/h 2.9/1.5 Gradeability deg 30 Swing speed rpm 8.2 Ground pressure kpa 24.5 Width mm 750/1000 Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Hydraulic pressure L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10		Max digging force (Arm)	kN	5.8					
Rubber shoe Width		Max digging force (Bucket)	kN	9.4					
Rubber shoe Width mm 180	Track	Туре		Rubber crawler					
Undercarrige Length to center of Rollers mm 975 Lenhth to center of track mm 560/820 Travelling spaeed (High/Low) km/h 2.9/1.5 Gradeability deg 30 Swing speed rpm 8.2 Ground pressure kpa 24.5 Width mm 750/1000 Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Hydraulic pressure Jype 3 Gear pump Flow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10	ITACK	Rubber shoe Width	mm	180					
Undercarrige Lenhth to center of track mm 560/820 Travelling spaeed (High/Low) km/h 2.9/1.5 Gradeability deg 30 Swing speed rpm 8.2 Ground pressure kpa 24.5 Midth mm 750/1000 Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Hydraulic pressure Jype 3 Gear pump Flow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10	Undercarrige	Track Length	mm	1299					
Travelling spaeed (High/Low) km/h 2.9/1.5 Gradeability deg 30 Swing speed rpm 8.2 Ground pressure kpa 24.5 Width mm 750/1000 Dozer size Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Hydraulic pumps Type 3 Gear pump Flow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor Fuel tank capacity L 10 Town the pump 10 Cycloidal motor 10 Cyclo		Length to center of Rollers	mm	975					
Gradeability deg 30		Lenhth to center of track	mm	560/820					
Swing speed rpm 8.2 Ground pressure kpa 24.5 Width mm 750/1000 Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Type 3 Gear pump Flow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10		Travelling spaeed (High/Low)	km/h	2.9/1.5					
Ground pressure kpa 24.5 Dozer size Width mm 750/1000 Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Hydraulic pressure 3 Gear pump Flow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10		Gradeability	deg	30					
Width mm 750/1000			rpm	8.2					
Dozer size Height mm 190 Lifting capacity (Height/Depth) mm 225/225 Hydraulic pumps Type 3 Gear pump Flow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10	Ground pressure		kpa	24.5					
Lifting capacity (Height/Depth) mm 225/225	Dozer size		mm	750/1000					
Type 3 Gear pump Plow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10		Height	mm	190					
Flow rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor L 10 10		Lifting capacity (Height/Depth)	mm	225/225					
pumps How rate L/min 3*9.6 Hydraulic pressure Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10	-	Туре		3 Gear pump					
Swing motor Mpa 2*16 Swing motor Cycloidal motor Travel motor 2-speed ram motor Fuel tank capacity L 10		Flow rate	L/min	3*9.6					
Travel motor 2-speed ram motor Fuel tank capacity L 10		Hydraulic pressure	Мра	2*16					
Fuel tank capacity L 10	Swing moto	r		Cycloidal motor					
				2-speed ram motor					
Hydraulic oil tank capacity L 9.5	Fuel tank ca	pacity	L	10					
	Hydraulic oi	I tank capacity	L	9.5					



Load Capability:

	'	,				
Lift Point Height	Lift Point Radius(MAX)		Lift Point Radius(2.0m)		Lift Point Radius(1.0m)	
		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	-	-
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
-1.0m	205.80*	127.9	-	-	287.10*	243.40



- Load with * is limited by hydraulic capacity and based on ISO 10567.Rated loads do not exceed 87% of hydraulic capacity.
 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.