



Excavator SWE 08B



Operating Weight	1.01t(rubber track)
Engine Power	7.2kW/2400rpm
Engine Brand	YANMAR
Standard Bucket Capacity	0.022m ³
Max. Digging Depth	1.82m

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Parameter

ENGINE

Brand	Yanmar
Model	2TNV70
Type	2-cylinder water-cooled indirect injection
Displacement	0.57L
Power	7.2kW/2400rpm

DIMENSIONS

Counterweight Clearance	410mm
Tail Swing Radius	750mm
Shipping Length	2640mm
Shipping Width	740mm
Shipping Height	2125mm

ELECTRIC SYSTEM

Nominal Voltage	12V
Batteries	36Ah
Alternator	12V-40A
Starter	12V-1.0kW

WORKING RANGES

Max. Cutting Height	3082mm
Max. Loading Height	2034mm
Max. Digging Depth	1824mm
Max. Vertical Wall Digging Depth	1440mm
Max. Digging Reach	3180mm
Max. Reach at Ground Level	3080mm
Bucket Digging Force	9.4kN
Stick Digging Force	5.8kN
Ground Pressure	24.5kPa
Swing Speed	8.2rpm

DRIVE

Max. Travel Speed (2nd/1st)	2.9/1.5km/h
Gradeability	30°
Max. Traction	9.4kN

UNDERCARRIAGE

Undercarriage Width	740/900mm
Shoe Width	180mm
Length to Center of Rollers	900mm
Track Length	1224mm
Track Height	330mm

CAPACITY

Fuel Tank	10L
Hydraulic Oil Tank	9.5L

BULLDOZING BOARD

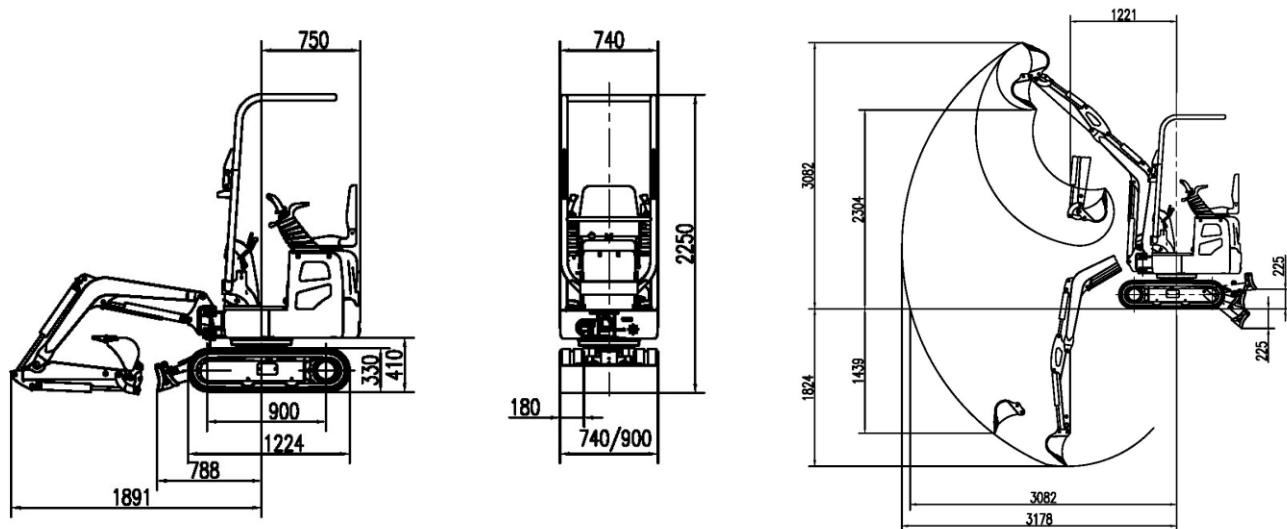
Independent Moving, Controlled By The Gear Shift Lever	
Length X Width	900X197mm
Max. Lifting Height	225mm
Max. Cutting Depth	225mm

HYDRAULIC SYSTEM

Main Pumps	
Type	3 gear pumps
Displacement	3x9.6L/min
Working Pressure	2x16 MPa

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Working Ranges



Load Capacity

B(m)	A(m)	MAX		2.0m		1.5m		1.0m	
		Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)
2.0		119.60*	86.60	129.20*	107.30	—	—	—	—
1.5		148.40*	66.00	177.10*	99.00	191.40*	169.20	—	—
1.0		157.90*	61.90	100.50*	94.90	167.50*	148.50	416.40*	264.00
0.5		157.90*	61.90	172.30*	86.60	291.90*	132.00	488.20*	227.00
0.0		196.20*	70.10	224.90*	86.60	349.40*	136.20	445.10*	202.20
-0.5		186.60*	74.30	224.90*	82.50	330.20*	123.80	392.40*	177.40
-1.0		205.80*	127.90	—	—	224.90*	136.20	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 load.

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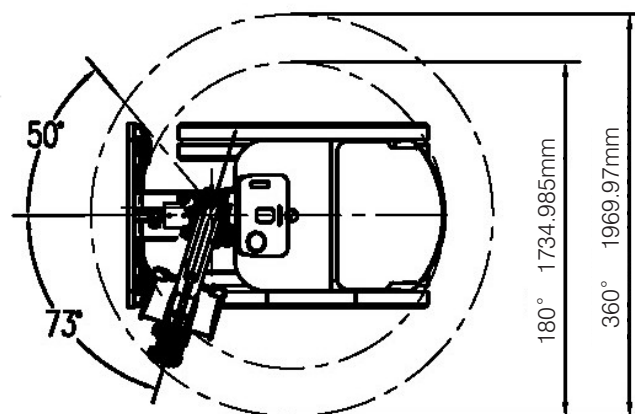
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