SUNWARD

Excavator SWE 80B

Operating Weight	**7.86t/7.81t**
Engine Power	**43.4kW/2200rpm**
Engine Brand	**YANMAR**
Standard Bucket Capacity	**0.28m³**
Max. Digging Depth	**4.19m**



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Parameter

ENGINE	
Brand	Yanmar
Model	4TNV98-ZSSU
Type	4-cylinder 4-stroke water-cooled
Displacement	3.32L
Power	43.4kW/2200rpm

ELECTRIC SYSTEM	
Nominal Voltage	12V
Batteries	120Ah
Alternator	12V-55A
Starter	12V-3.0kw

DRIVE	
Max.Travel Speed (2nd/1st)	4.0/2.4km/h
Gradeability	35°
Max. Traction	62kN

UNDERCARRIAGE	
Undercarriage Width	2150mm
Shoe Width	450mm
Length to Center of Rollers	2200mm
Track Length	2784mm
Track Height	638mm

BULLDOZING BOARD	
independent moving, controlled by the gear shift lever	
Length X Width	2160X449mm
Max. Lifting Height	418mm
Max. Cutting Depth	480mm

DIMENSIONS	
Counterweight Clearance	745mm
Tail Swing Radius	1680mm
Shipping Length	6805mm
Transport Width	2160mm
Shipping Height	2665mm

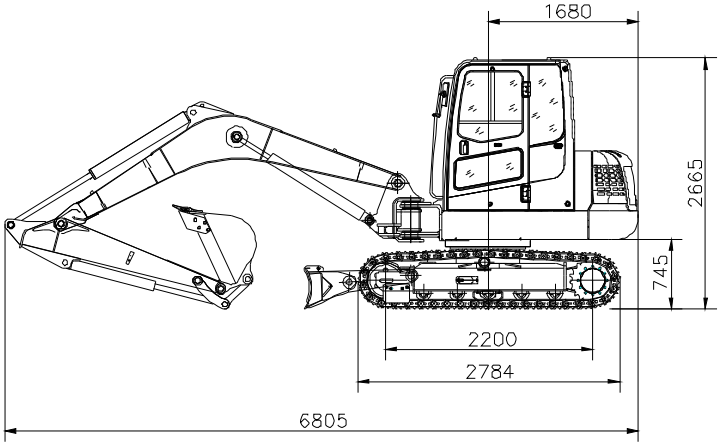
WORKING RANGES	
Max. Cutting Height	6818mm
Max. Loading Height	4870mm
Max. Digging Depth	4192mm
Max. Vertical Wall Digging Depth	3365mm
Max. Digging Reach	7176mm
Max. Reach at Ground Level	7031mm
Bucket Digging Force(ISO)	53.1kN
Stick Digging Force(ISO)	36.3kN
Ground Pressure	36.4kPa
Swing Speed	10rpm

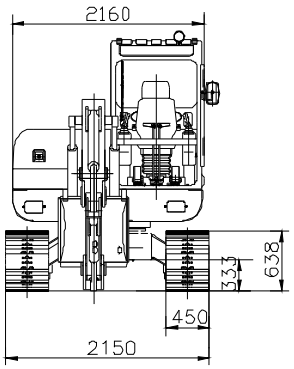
CAPACITY	
Fuel Tank	118L
Hydraulic Oil Tank	105L

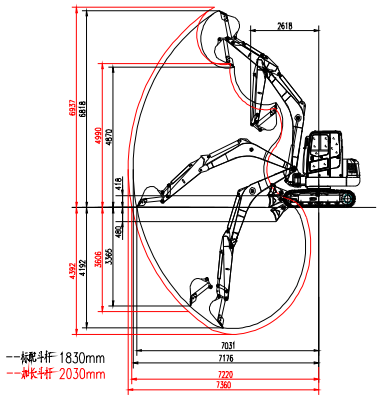
HYDRAULIC SYSTEM	
Main Pumps	
Type	1 variable piston pump
Displacement	156 L/min
Working Pressure	26MPa

Excavator
SWE 80B

Working Ranges







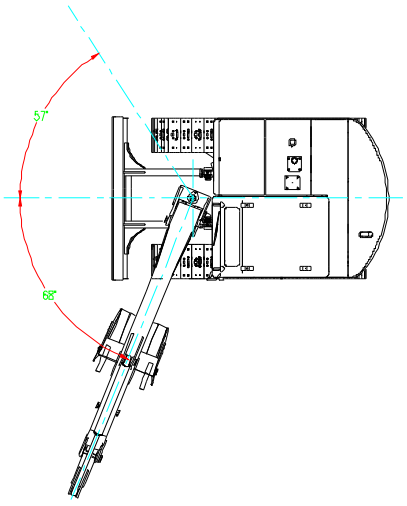
Load Capacity

A(m) / B(m)	MAX		6.0m		5.0m		4.0m		3.0m	
	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)
6.0	—	—	—	—	—	—	—	—	—	—
5.0	1411.00*	1484.00*	—	—	—	—	—	—	—	—
4.0	1135.00	1011.00	—	—	1436.00*	1140.00	—	—	—	—
3.0	941.00	887.00	—	—	1508.00*	1151.00*	1761.2*	1771.00*	1665.00*	2580.00*
2.0	949.00	817.00	1031.00	842.00	1283.00	1081.00	1766.00*	1522.00	2752.00*	2224.00
1.0	912.00	767.00	990.00	800.00	1229.00	1040.00	1687.00	1436.00	2471.00	1939.00
0	910.00	755.00	883.00	767.00	1168.00	734.4	1667.00	1333.00	2273.00	1786.00

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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