SUNWARD

Excavator SWE 50B

Operating Weight	**5.22t/5.15t**
Engine Power	**25.8kW/2200rpm**
Engine Brand	**YANMAR**
Standard Bucket Capacity	**0.18m³**
Max. Digging Depth	**3.61m**



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Parameter

ENGINE	
Brand	Yanmar
Model	4TNV88-BSSU
Type	4-cylinder 4-stroke water-cooled
Displacement	2.19L
Power	25.8kW/2200rpm

DIMENSIONS	
Counterweight Clearance	663mm
Tail Swing Radius	1500mm
Shipping Length	5857mm
Transport Width	1900mm
Shipping Height	2570mm

ELECTRIC SYSTEM	
Nominal Voltage	12V
Batteries	120Ah
Alternator	12V-55A
Starter	12V-2.3kW

WORKING RANGES	
Max. Cutting Height	5225mm
Max. Loading Height	3712mm
Max. Digging Depth	3605mm
Max. Vertical Wall Digging Depth	2845mm
Max. Digging Reach	6002mm
Max. Reach at Ground Level	5879mm
Bucket Digging Force(ISO)	33.7kN
Stick Digging Force(ISO)	27.8kN
Ground Pressure	30.3kPa
Swing Speed	10.1rpm

DRIVE	
Max.Travel Speed (2nd/1st)	4.7/2.4km/h
Gradeability	30°
Max. Traction	37.1kN

UNDERCARRIAGE	
Undercarriage Width	1850mm
Shoe Width	400mm
Length to Center of Rollers	1900mm
Track Length	2424mm
Track Height	572mm

CAPACITY	
Fuel Tank	113L
Hydraulic Oil Tank	96L

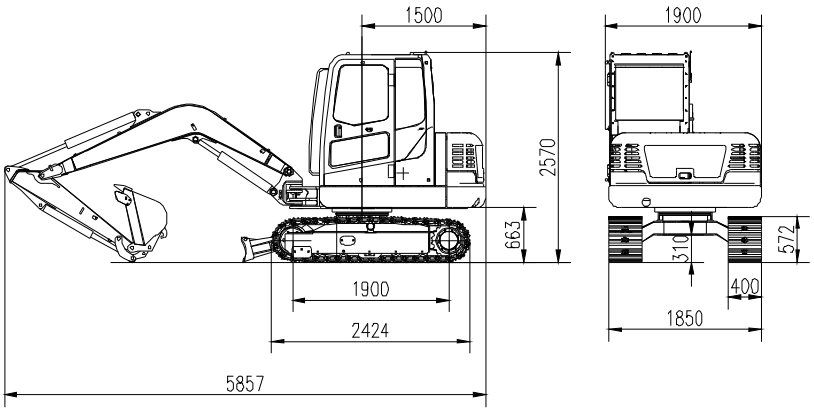
BULLDOZING BOARD	
independent moving, controlled by the gear shift lever	
Length X Width	1860X300mm
Max. Lifting Height	300mm
Max. Cutting Depth	275mm

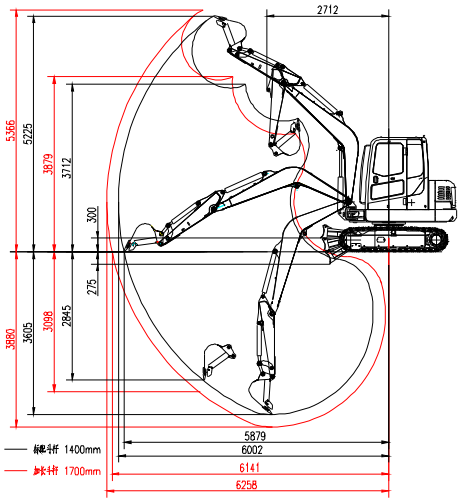
HYDRAULIC SYSTEM	
Main Pumps	
Type	2 variable displacement pumps, 1 gear pump
Displacement	2x45+37 L/min
Working Pressure	24.5/21 MPa

Excavator

SWE 50B

Working Ranges



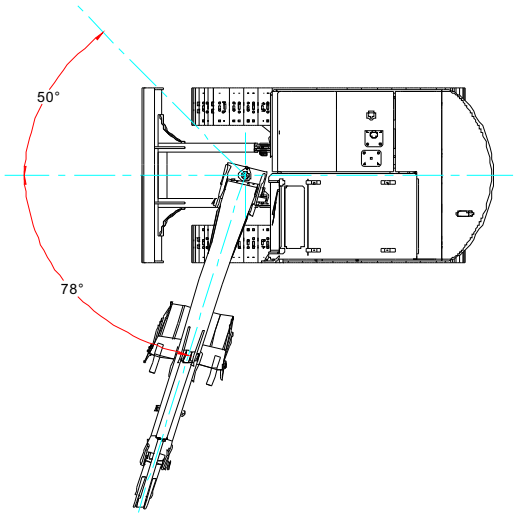


Load Capacity

A(m) / B(m)	MAX		4.0m		3.0m		2.0m	
	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)
3.0	652.5*	617.7*	674.25*	656.85*	—	—	—	—
2.0	687.3*	442.5	752.55*	756.9*	917.85*	913.5*	1483.35*	1479*
1.0	713.4*	438.75	878.7*	588.75	1278.9*	1005	2001*	1503.75
0.0	696*	513.75	900.45*	600	1305*	1001.25	2175*	1511.25
-1.0	826.5*	573.75	774.3*	637.5	1109.25*	870	1979.25*	1488.75
-2.0	501.6*	463.4*	—	—	779.2*	750.5*	—	—

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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