SUNWARD

Excavator SWE 60B

Operating Weight	**6.31t/6.24t**
Engine Power	**33.7kW/2100rpm**
Engine Brand	**YANMAR**
Standard Bucket Capacity	**0.18m³**
Max. Digging Depth	**3.76m**



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Parameter

ENGINE	
Brand	Yanmar
Model	4TNV94L-BVSU
Type	4-cylinder 4-stroke water-cooled
Displacement	3.054L
Power	33.7kW/2100rpm

DIMENSIONS	
Counterweight Clearance	700mm
Tail Swing Radius	1600mm
Shipping Length	5877mm
Transport Width	1900mm
Shipping Height	2615mm

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

WORKING RANGES	
Max. Cutting Height	5512mm
Max. Loading Height	3929mm
Max. Digging Depth	3759mm
Max. Vertical Wall Digging Depth	3024mm
Max. Digging Reach	6121mm
Max. Reach at Ground Level	5983mm
Bucket Digging Force(ISO)	46.8kN
Stick Digging Force(ISO)	31.1kN
Ground Pressure	35.6kPa
Swing Speed	9.4rpm

DRIVE	
Max.Travel Speed (2nd/1st)	4.74/2.75 km/h
Gradeability	35°
Max. Traction	42.1kN

UNDERCARRIAGE	
Undercarriage Width	1880mm
Shoe Width	400mm
Length to Center of Rollers	1965mm
Track Length	2495mm
Track Height	594mm

CAPACITY	
Fuel Tank	113L
Hydraulic Oil Tank	96L

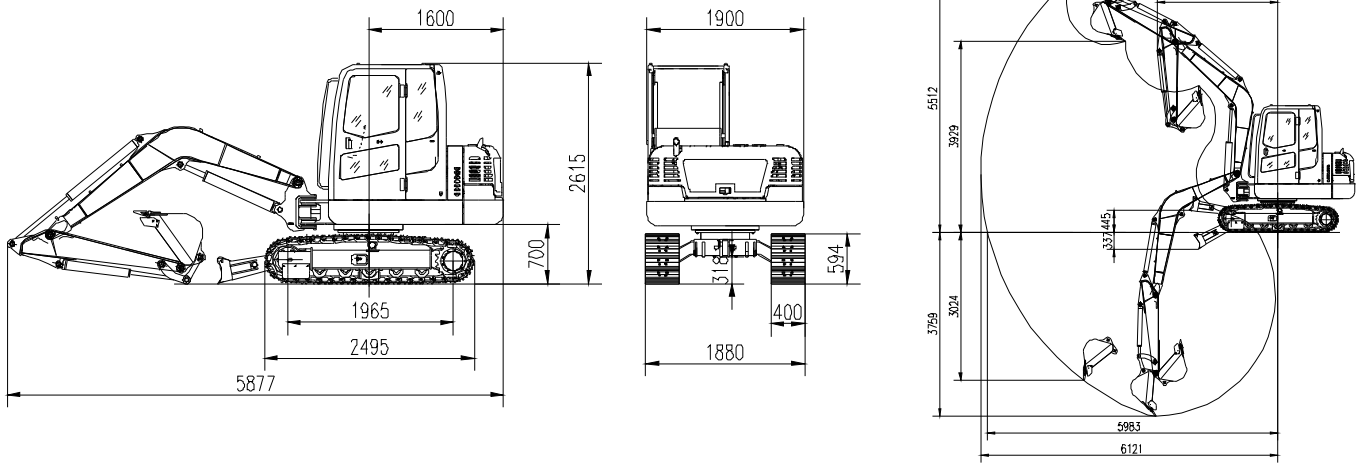
BULLDOZING BOARD	
independent moving, controlled by the gear shift lever	
Length X Width	1900X340mm
Max. Lifting Height	445mm
Max. Cutting Depth	337mm

HYDRAULIC SYSTEM	
Main Pumps	
Type	2 variable displacement pumps, 1 gear pump
Displacement	2x59+42 L/min
Working Pressure	24.5/21 MPa

Excavator

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Working Ranges



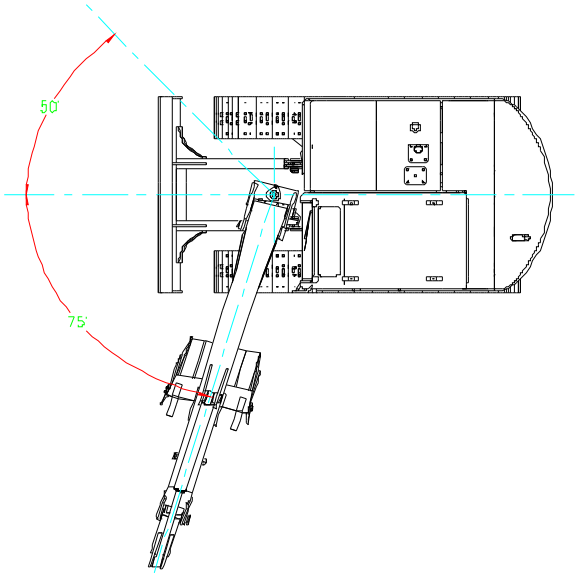
Load Capacity

A(m) / B(m)	MAX		5.0m		4.0m		3.0m	
	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)
4.0	885.4*	837.5*	—	—	842.3*	861.4*	—	—
3.0	866.2*	581.7	—	—	885.4*	871.0*	—	—
2.0	832.7*	486.8	—	—	981.1*	697.2	1316.1*	1301.7*
1.0	890.2*	449.7	918.9*	474.5	1115.1*	631.2	1703.7*	969.5
0.0	1186.9*	585.8	1196.4*	614.7	1483.6*	750.9	1971.7*	1043.8
-1.0	1172.5*	614.7	—	—	1182.1*	639.5	1617.6*	837.5
-2.0	713.1*	833.4	—	—	713.1*	833.4	1397.4*	915.9

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.



SUNWARD INTELLIGENT EQUIPMENT CO.,LTD
Add: Sunward Intelligent Industrial Park, Xingsha, Changsha, 410100, China
Tel: 0086-731 8357 2828
Fax: 0086-731-8357 2661
Web: http://www.sunward.com.cn
E-mail: international@sunward.com.cn; info@sunward.cc
P.C: 410100