SUNWARD

Excavator SWE 70B

Operating Weight	**6.63t/6.57t**
Engine Power	**43.4kW/2200rpm**
Engine Brand	**YANMAR**
Standard Bucket Capacity	**0.26m³**
Max. Digging Depth	**4.07m**



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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

DIMENSIONS	
Counterweight Clearance	700mm
Tail Swing Radius	1580mm
Shipping Length	6145mm
Transport Width	2080mm
Shipping Height	2625mm

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

WORKING RANGES	
Max. Cutting Height	5970mm
Max. Loading Height	4160mm
Max. Digging Depth	4065mm
Max. Vertical Wall Digging Depth	2890mm
Max. Digging Reach	6335mm
Max. Reach at Ground Level	6210mm
Bucket Digging Force(ISO)	49.4kN
Stick Digging Force(ISO)	31kN
Ground Pressure	33.9kPa
Swing Speed	9rpm

DRIVE	
Max.Travel Speed (2nd/1st)	4.0/2.3km/h
Gradeability	35°
Max. Traction	56.7kN

UNDERCARRIAGE	
Undercarriage Width	2080mm
Shoe Width	400mm
Length to Center of Rollers	2240mm
Track Length	2760mm
Track Height	580mm

CAPACITY	
Fuel Tank	118L
Hydraulic Oil Tank	105L

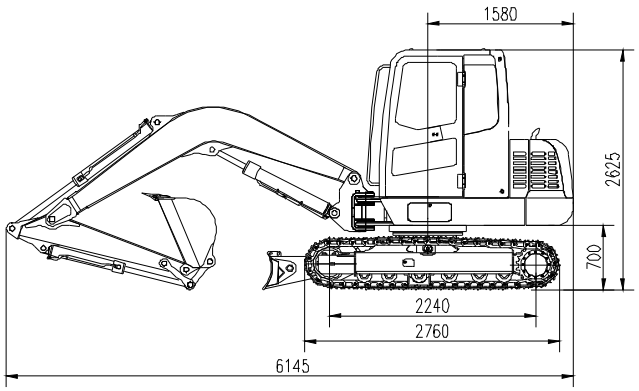
BULLDOZING BOARD	
independent moving, controlled by the gear shift lever	
Length X Width	2080X415mm
Max. Lifting Height	427mm
Max. Cutting Depth	254mm

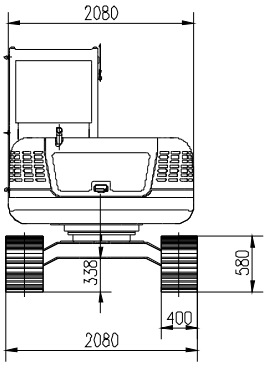
HYDRAULIC SYSTEM	
Main Pumps	
Type	2 variable displacement pumps, 1 gear pump
Displacement	2x59+42 L/min
Working Pressure	24/21 MPa

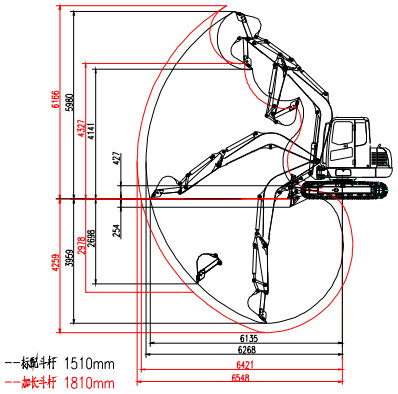
Excavator

SWE 70B

Working Ranges







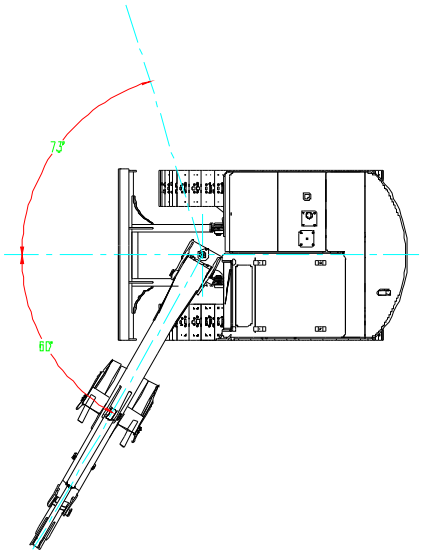
Load Capacity

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	1117.95*	776.25	—	—	1017.9*	1035.3*	—	—
3.0	1187.55*	573.75	1191.9*	616.25	1200.6*	1209.3*	1222.35*	1209.3*
2.0	1270.2*	562.5	1291.95*	562.5	1518.15*	952.5	1979.25*	1620
1.0	1344.15*	532.5	1426.8*	543.75	1718.25*	798.75	2583.9*	1271.25
0.0	1518.15*	491.25	1526.85*	502.5	1953.15*	772.5	2757.9*	1241.25
-1.0	1622.55*	630	—	—	1761.75*	720	2670.9*	1072.5
-2.0	1296.1*	911	—	—	—	—	1468.4*	1125.6

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