SUNWARD

Excavator SWE 30UB

Operating Weight	**3.46t/3.47t**
Engine Power	**19.3kW/2200rpm**
Engine Brand	**YANMAR**
Standard Bucket Capacity	**0.08m³**
Max. Digging Depth	**2.48m**



Excavator SWE30UB

Parameter

ENGINE	
Brand	Yanmar
Model	3TNV88-BSSU
Type	3-cylinder 4-stroke water-cooled
Displacement	1.642L
Power	19.3kW/2200rpm

DIMENSIONS	
Counterweight Clearance	568mm
Tail Swing Radius	780mm
Shipping Length	4515mm
Transport Width	1564mm
Shipping Height	2538mm

ELECTRIC SYSTEM	
Nominal Voltage	12V
Batteries	63Ah
Alternator	12V-40A
Starter	12V-1.7kW

WORKING RANGES	
Max. Cutting Height	4393mm
Max. Loading Height	3231mm
Max. Digging Depth	2477mm
Max. Vertical Wall Digging Depth	1759mm
Max. Digging Reach	4883mm
Max. Reach at Ground Level	4757mm
Bucket Digging Force	23.4kN
Stick Digging Force	14.3kN
Ground Pressure	30kPa
Swing Speed	9.8rpm

DRIVE	
Max.Travel Speed (2nd/1st)	5.2/2.9km/h
Gradeability	30°
Max. Traction	31.5kN

UNDERCARRIAGE	
Undercarriage Width	1560mm
Shoe Width	300mm
Length to Center of Rollers	1500mm
Track Length	1973mm
Track Height	522mm

CAPACITY	
Fuel Tank	38L
Hydraulic Oil Tank	40L

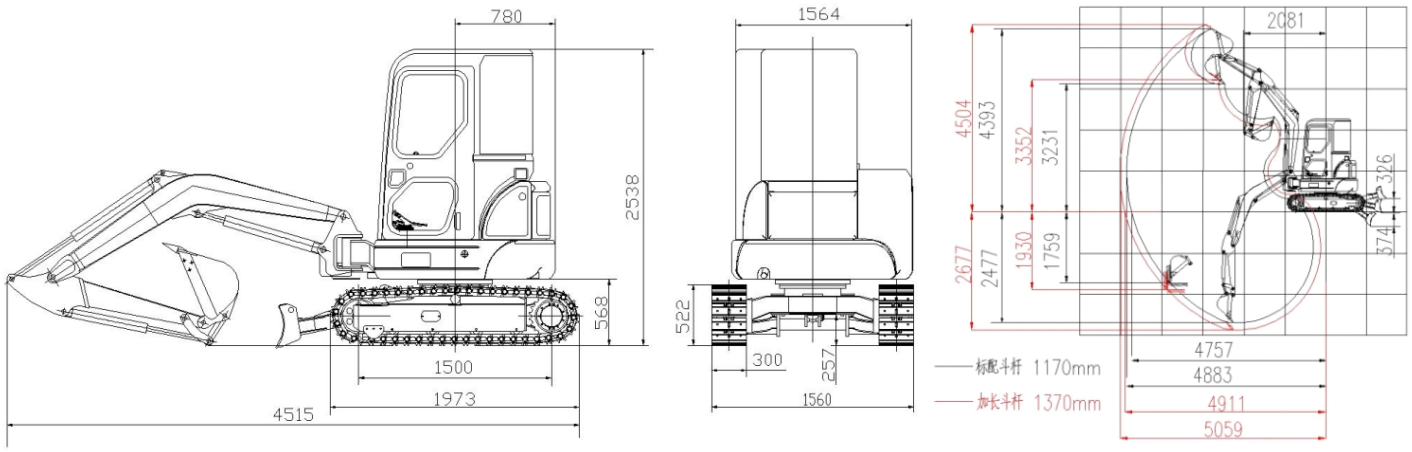
BULLDOZING BOARD	
independent moving, controlled by the gear shift lever	
Length X Width	1560X380mm
Max. Lifting Height	326mm
Max. Cutting Depth	374mm

HYDRAULIC SYSTEM	
Main Pumps	
Type	2 variable displacement pumps, 1 gear pump
Displacement	2x33+19 L/min
Working Pressure	23.5/20 MPa

Excavator

SWE 30UB

Working Ranges



Load Capacity

A(m) / B(m)	MAX		3.0m		2.5m		2.0m	
	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)
4.0	443.70*(3.5m)	430.65*(3.5m)	—	—	—	—	—	—
3.0	456.75*	326.25	456.75*	315.00	539.40*(2.5m)	539.40*(2.5m)	1209.30*	1157.10*
2.0	491.55*	258.75	517.65*	288.75	656.85*	453.75	1396.35*	900.00
1.0	508.95*	232.50	574.20*	277.50	817.80*	412.50	1344.15*	618.75
0.0	565.50*	240.00	578.55*	266.25	835.20*	446.25	1004.85*	746.25
-1.0	448.05*	303.75	—	—	726.45*	386.25	870.10*	502.60
-2.0	415.50*	377.20*	—	—	—	—	544.70*	540.00*

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.

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

