SUNWARD

Excavator SWE 40UB

Operating Weight	**4.13t/4.22t**
Engine Power	**23.8kW/2300rpm**
Engine Brand	**KUBOTA**
Standard Bucket Capacity	**0.11m³**
Max. Digging Depth	**2.85m**



Excavator SWE40UB

Parameter

ENGINE	
Brand	KUBOTA
Model	D1803-M-DI-E3B-SWD-1
Type	3-cylinder 4-stroke water-cooled
Displacement	1.826L
Power	23.8kW/2300rpm

DIMENSIONS	
Counterweight Clearance	567mm
Tail Swing Radius	860mm
Shipping Length	4950mm
Transport Width	1745mm
Shipping Height	2540mm

ELECTRIC SYSTEM	
Nominal Voltage	12V
Batteries	63Ah
Alternator	12V-55A
Starter	12V-2.0kW

WORKING RANGES	
Max. Cutting Height	5002mm
Max. Loading Height	3502mm
Max. Digging Depth	2850mm
Max. Vertical Wall Digging Depth	2593mm
Max. Digging Reach	5441mm
Max. Reach at Ground Level	5302mm
Bucket Digging Force	26.4kN
Stick Digging Force	20.9kN
Ground Pressure	36kPa
Swing Speed	9rpm

DRIVE	
Max.Travel Speed (2nd/1st)	4.3/2.7km/h
Gradeability	30°
Max. Traction	33.5kN

UNDERCARRIAGE	
Undercarriage Width	1740mm
Shoe Width	300mm
Length to Center of Rollers	1650mm
Track Length	2143mm
Track Height	522mm

CAPACITY	
Fuel Tank	40L
Hydraulic Oil Tank	43L

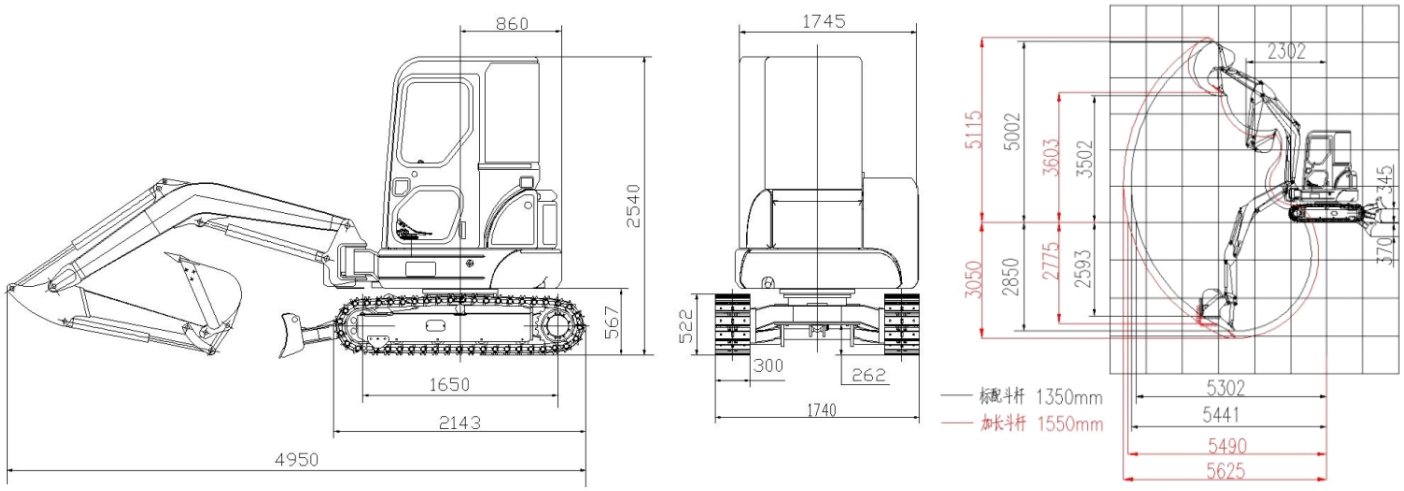
BULLDOZING BOARD	
independent moving, controlled by the gear shift lever	
Length X Width	1740X349mm
Max. Lifting Height	345mm
Max. Cutting Depth	370mm

HYDRAULIC SYSTEM	
Main Pumps	
Type	2 variable displacement pumps, 1 gear pump
Displacement	2x39+27 L/min
Working Pressure	23.5/20 MPa

Excavator

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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	669.90*	457.50	665.55*	761.25	970.05*	810.00	—	—
2.0	712.40*	390.00	891.75*	753.15	1035.30*	843.75	1196.25*	1125.00
1.0	765.60*	375.00	887.40*	483.75	1335.45*	753.75	1922.70*	1029.25
0.0	783.00*	393.75	1035.30*	472.50	1183.20*	705.00	1583.40*	1065.00
-1.0	783.00*	435.00	835.20*	487.50	1039.65*	652.50	1583.40*	978.75
-2.0	506.40*	501.60*	—	—	501.60*	501.60*	554.30*	544.70*

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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