



## Excavator SWE 90UB



Operating Weight	8.34t/8.16t
Engine Power	43.4kW/2200rpm
Engine Brand	YANMAR
Standard Bucket Capacity	0.3m <sup>3</sup>
Max. Digging Depth	3.95m

### Excavator SWE90UB

#### Parameter

##### ENGINE

Brand	Yanmar
Model	4TNV98-ZSSU
Type	4-cylinder 4-stroke water-cooled
Displacement	3.32L
Power	43.4kW/2200rpm

##### ELECTRIC SYSTEM

Nominal Voltage	12V
Batteries	120Ah
Alternator	12V-55A
Starter	12V-3.0kw

##### DRIVE

Max. Travel Speed (2nd/1st)	4.5/2.7 km/h
Gradeability	35°
Max. Traction	66.8kN

##### UNDERCARRIAGE

Undercarriage Width	2320mm
Shoe Width	450mm
Length to Center of Rollers	2335mm
Track Length	2920mm
Track Height	658mm

##### BULLDOZING BOARD

independent moving, controlled by the gear shift lever	
Length X Width	2320X431mm
Max. Lifting Height	412mm
Max. Cutting Depth	280mm

##### DIMENSIONS

Counterweight Clearance	758mm
Tail Swing Radius	1295mm
Shipping Length	5920mm
Transport Width	2425mm
Shipping Height	2683mm

##### WORKING RANGES

Max. Cutting Height	7005mm
Max. Loading Height	4950mm
Max. Digging Depth	3952mm
Max. Vertical Wall Digging Depth	3479mm
Max. Digging Reach	6420mm
Max. Reach at Ground Level	6247mm
Bucket Digging Force	55kN
Stick Digging Force	38kN
Ground Pressure	35.4kPa
Swing Speed	11.2rpm

##### CAPACITY

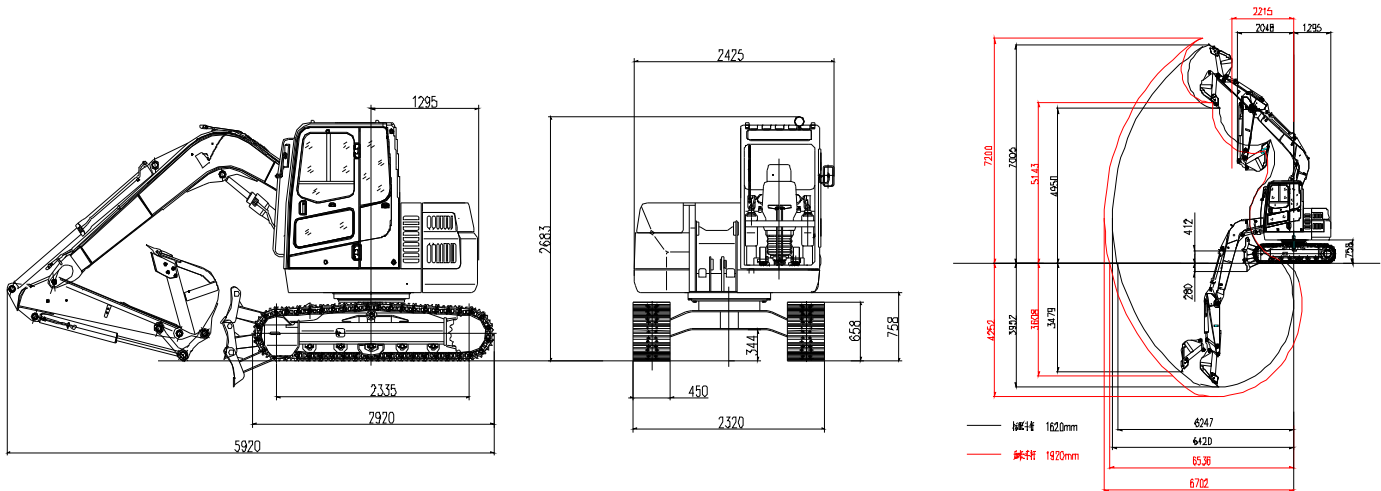
Fuel Tank	125L
Hydraulic Oil Tank	80L

##### HYDRAULIC SYSTEM

Main Pumps	
Type	1 variable displacement pump
Displacement	160 L/min
Working Pressure	28MPa

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## Working Ranges



## Load Capacity

B(m)	A(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		1196.25*	900.0	—	—	1305*	1106.0	—	1261.5*
3.0		1348*	750.0	1392*	1068.0	1413*	1125.0	1566*	1587.75*
2.0		1326.75*	693.0	1413.75*	843.8	1653*	1275.0	1718.25*	1761*
1.0		1479*	693.0	1587.75*	821.3	1761.75*	1275.0	2718.75*	1556.2
0.0		1522*	731.3	1566*	836.3	2175*	1350.0	3153.75*	1668.8
-1.0		1566*	768.8	1609.5	825.0	2196.8	1087.5	3588.75*	1631.3
-2.0		1653*	900.0	—	—	2240.3	1125.0	3488.7*	1593.8

## 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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