SUNWARD

# Excavator SWE 17B

| | |
|---|---|
| **Operating Weight** | **1.87t** |
| **Engine Power** | **9.9kW/2200rpm** |
| **Engine Brand** | **YANMAR** |
| **Standard Bucket Capacity** | **0.04m³** |
| **Max. Digging Depth** | **2.15m** |



## Excavator SWE17B

### Parameter

| ENGINE | |
|---|---|
| Brand | Yanmar |
| Model | 3TNV70-SSU |
| Type | 3-cylinder water-cooled indirect injection |
| Displacement | 0.854L |
| Power | 9.9kW/2200rpm |

| DIMENSIONS | |
|---|---|
| Counterweight Clearance | 498mm |
| Tail Swing Radius | 1080mm |
| Shipping Length | 3820mm |
| Transport Width | 1170mm |
| Shipping Height | 2378mm |

| ELECTRIC SYSTEM | |
|---|---|
| Nominal Voltage | 12V |
| Batteries | 45Ah |
| Alternator | 12V-40A |
| Starter | 12V-1.0kW |

| DRIVE | |
|---|---|
| Max.Travel Speed (2nd/1st) | 3.5/2.1km/h |
| Gradeability | 30° |
| Max. Traction | 13.7kN |

| WORKING RANGES | |
|---|---|
| Max. Cutting Height | 3509mm |
| Max. Loading Height | 2482mm |
| Max. Digging Depth | 2155mm |
| Max. Vertical Wall Digging Depth | 1551mm |
| Max. Digging Reach | 3850mm |
| Max. Reach at Ground Level | 3472mm |
| Bucket Digging Force | 13.1kN |
| Stick Digging Force | 8.7kN |
| Ground Pressure | 27.8kPa |
| Swing Speed | 10.5rpm |

| UNDERCARRIAGE | |
|---|---|
| Undercarriage Width | 980/1310mm |
| Shoe Width | 230mm |
| Length to Center of Rollers | 1170mm |
| Track Length | 1528mm |
| Track Height | 381mm |

| CAPACITY | |
|---|---|
| Fuel Tank | 23L |
| Hydraulic Oil Tank | 35L |

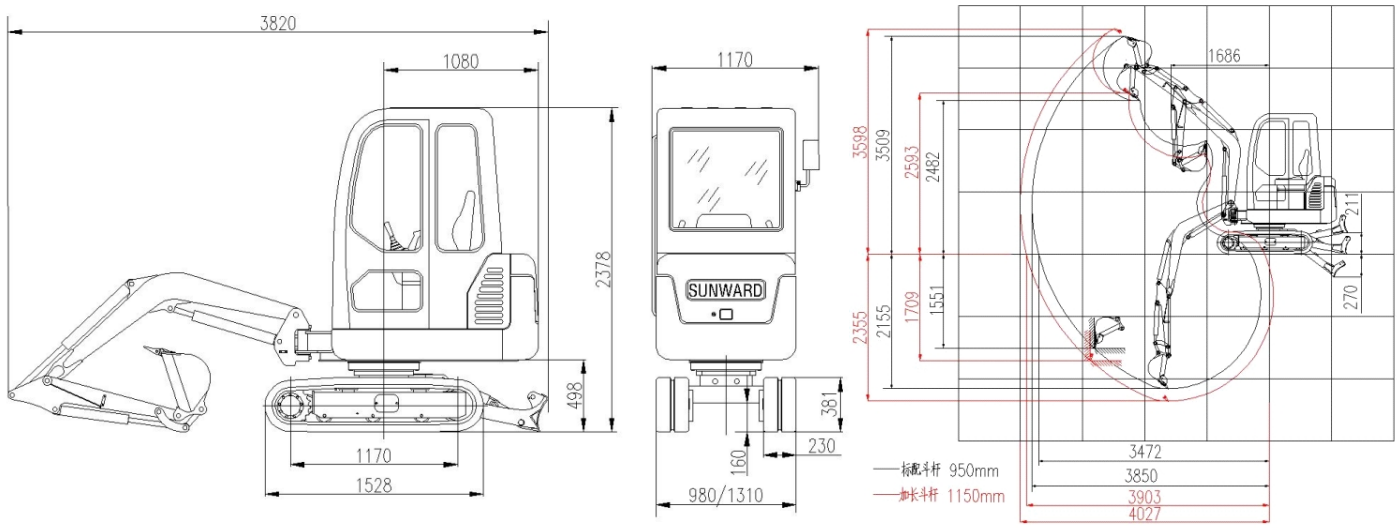
| BULLDOZING BOARD | |
|---|---|
| Independent Moving, Controlled By The Gear Shift Lever | |
| Length X Width | 1310X267mm |
| Max. Lifting Height | 211mm |
| Max. Cutting Depth | 270mm |

| HYDRAULIC SYSTEM | |
|---|---|
| Main Pumps | |
| Type | 2 variable displacement pumps, 1 gear pump |
| Displacement | 2x20+14 L/min |
| Working Pressure | 20/18 MPa |

Excavator

# SWE 17B

## Working Ranges

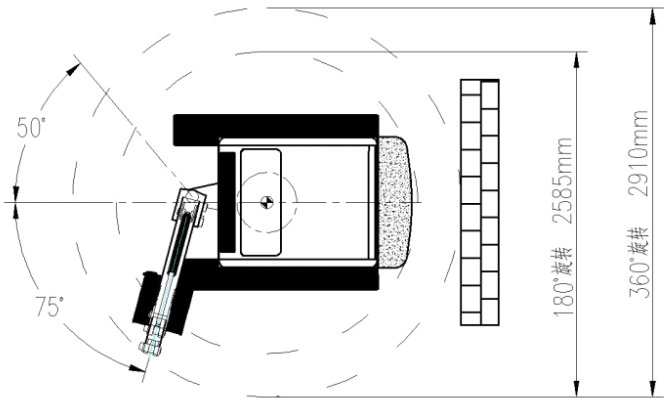



## Load Capacity

| A(m) / B(m) | MAX | | 3.0m | | 2.0m | |
|---|---|---|---|---|---|---|
| | Front(kg) | Side(kg) | Front(kg) | Side(kg) | Front(kg) | Side(kg) |
| 2.5 | 213.00* | 209.00* | — | — | — | — |
| 2.0 | 235.00* | 226.00* | 244.00 | 244.00 | — | — |
| 1.0 | 274.00* | 210.00 | 309.00 | 313.00 | 500.00* | 470.00* |
| 0.0 | 304.00* | 225.00 | 318.00 | 283.00 | 574.00* | 435.00 |
| -0.5 | 330.00* | 257.00 | 326.00 | 296.00 | 531.00* | 450.00 |
| -1.0 | 214.50* | 200.10* | — | — | 238.40* | 224.10* |

## 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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