SUNWARD

# Excavator **SWE 08B**

| | |
|---|---|
| **Operating Weight** | **1.01t** |
| **Engine Power** | **7.2kW/2400rpm** |
| **Engine Brand** | **YANMAR** |
| **Standard Bucket Capacity** | **0.022m³** |
| **Max. Digging Depth** | **1.82m** |



## Excavator SWE08B

### Parameter

| ENGINE | |
|---|---|
| Brand | Yanmar |
| Model | 2TNV70 |
| Type | 2-cylinder water-cooled indirect injection |
| Displacement | 0.57L |
| Power | 7.2kW/2400rpm |

| DIMENSIONS | |
|---|---|
| Counterweight Clearance | 410mm |
| Tail Swing Radius | 750mm |
| Shipping Length | 2640mm |
| Transport Width | 740mm |
| Shipping Height | 2125mm |

| ELECTRIC SYSTEM | |
|---|---|
| Nominal Voltage | 12V |
| Batteries | 36Ah |
| Alternator | 12V-40A |
| Starter | 12V-1.0kW |

| DRIVE | |
|---|---|
| Max.Travel Speed (2nd/1st) | 2.9/1.5km/h |
| Gradeability | 30° |
| Max. Traction | 9.4kN |

| WORKING RANGES | |
|---|---|
| Max. Cutting Height | 3082mm |
| Max. Loading Height | 2034mm |
| Max. Digging Depth | 1824mm |
| Max. Vertical Wall Digging Depth | 1440mm |
| Max. Digging Reach | 3180mm |
| Max. Reach at Ground Level | 3080mm |
| Bucket Digging Force | 8.5kN |
| Stick Digging Force | 5.8kN |
| Ground Pressure | 24.5kPa |
| Swing Speed | 8.2rpm |

| UNDERCARRIAGE | |
|---|---|
| Undercarriage Width | 740/900mm |
| Shoe Width | 180mm |
| Length to Center of Rollers | 900mm |
| Track Length | 1224mm |
| Track Height | 330mm |

| CAPACITY | |
|---|---|
| Fuel Tank | 10L |
| Hydraulic Oil Tank | 9.5L |

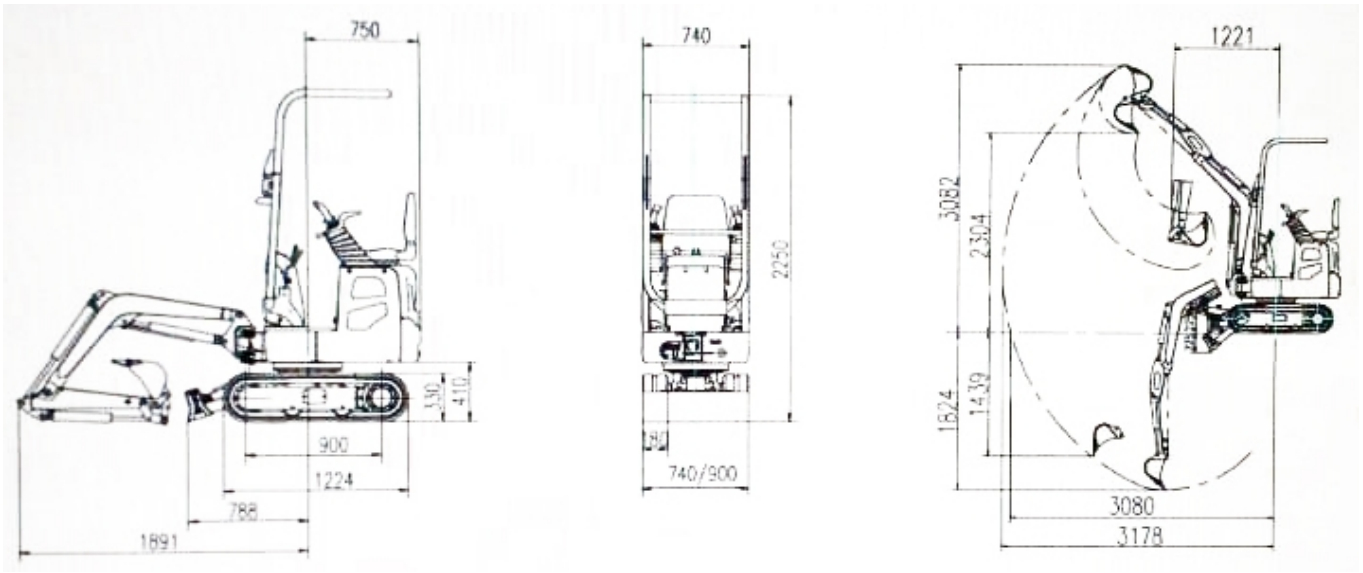
| BULLDOZING BOARD | |
|---|---|
| Independent Moving, Controlled By The Gear Shift Lever | |
| Length X Width | 900X197mm |
| Max. Lifting Height | 225mm |
| Max. Cutting Depth | 225mm |

| HYDRAULIC SYSTEM | |
|---|---|
| Main Pumps | |
| Type | 3 gear pumps |
| Displacement | 3x9.6L/min |
| Working Pressure | 16 MPa |

Excavator

# SWE 08B

## Working Ranges




## Load Capacity

| A(m) / B(m) | MAX | | 2.0m | | 1.5m | | 1.0m | |
|---|---|---|---|---|---|---|---|---|
| | Front(kg) | Side(kg) | Front(kg) | Side(kg) | Front(kg) | Side(kg) | Front(kg) | Side(kg) |
| 2.0 | 119.60* | 86.60 | 129.20* | 107.30 | — | — | — | — |
| 1.5 | 148.40* | 66.00 | 177.10* | 99.00 | 191.40* | 169.20 | — | — |
| 1.0 | 157.90* | 61.90 | 100.50* | 94.90 | 167.50* | 148.50 | 416.40* | 264.00 |
| 0.5 | 157.90* | 61.90 | 172.30* | 86.60 | 291.90* | 132.00 | 488.20* | 227.00 |
| 0.0 | 196.20* | 70.10 | 224.90* | 86.60 | 349.40* | 136.20 | 445.10* | 202.20 |
| -0.5 | 186.60* | 74.30 | 224.90* | 82.50 | 330.20* | 123.80 | 392.40* | 177.40 |
| -1.0 | 205.80* | 127.90 | — | — | 224.90* | 136.20 | 287.10* | 243.40 |

## 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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