

SUNWARD

Earthwork Expert

SWE155F

• Operating weight: 15.2t • Engine power: 90kW/2200rpm • Standard bucket capacity: 0.61m³



- The one-key idling function is provided to minimize the fuel consumption.
- The excavation resistance is reduced significantly. The fluency is increased significantly. The overall fuel consumption is lower while the efficiency is higher. Both bucket bottom and side are made of high-strength wear-resistant steels of famous brands, so that they are suitable for a highly abrasive environment.
- High-strength and anti-rolling cab: in conformity with FOPS and ROPS standards.
- A 7-inch high-definition color display is provided. It has a friendlier interface. It can display all the operation information in a high-definition manner without being affected by external environment. Moreover, it features easy operation as well as simple and legible prompt messages. Therefore, you can easily monitor and maintain the machine.
- User-friendly emergency stop switch.





Excavator SWE 155F



| | |
|--------------------------|--------------------|
| Operating Weight | 15.6t |
| Engine Power | 93kW/2200rpm |
| Engine Brand | Cummins |
| Standard Bucket Capacity | 0.61m ³ |
| Max. Digging Depth | 5525mm |

Excavator SWE155F

Parameter

ENGINE

| | |
|--------------|--|
| Brand | Cummins |
| Model | QSF3.8 |
| Type | 4-cylinder, 4-stroke, water cooled, turbocharged |
| Displacement | 3.8L |
| Power | 93kW/2200rpm |

ELECTRIC SYSTEM

| | |
|-----------------|-----------|
| Nominal Voltage | 24V |
| Batteries | 120Ah |
| Alternator | 24V-70A |
| Starter | 24V-4.8Kw |

DRIVE

| | |
|-----------------------------|-------------|
| Max. Travel Speed (2nd/1st) | 5.3/3.2km/h |
| Gradeability | 35° |
| Max. Traction | 115kN |

UNDERCARRIAGE

| | |
|-----------------------------|--------|
| Length to center of rollers | 3000mm |
| Track length | 3765mm |
| Track gauge | 2000mm |
| Undercarriage Width | 2600mm |
| Track shoe width | 600mm |

DIMENSIONS

| | |
|-------------------------|--------|
| Counterweight Clearance | 940mm |
| Tail Swing Radius | 2355mm |
| Shipping Length | 7825mm |
| Shipping Width | 2600mm |
| Shipping Height | 2825mm |

WORKING RANGES

| | |
|----------------------------------|---------|
| Max. Cutting Height | 8700mm |
| Max. Loading Height | 6200mm |
| Max. Digging Depth | 5525mm |
| Max. Vertical Wall Digging Depth | 5000mm |
| Max. Digging Reach | 8370mm |
| Max. Digging Reach (Ground) | 8225mm |
| Bucket Digging Force | 100kN |
| Stick Digging Force | 76kN |
| Ground Pressure | 36.8kPa |
| Swing Speed | 11rpm |

CAPACITY

| | |
|----------------|------|
| Fuel Tank | 245L |
| Hydraulic Tank | 150L |

HYDRAULIC SYSTEM

| | |
|------------------|----------------|
| Main Pumps | |
| Type | 2 piston pumps |
| Displacement | 2x126.4 L/min |
| Working Pressure | 31.4/34.3 MPa |

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Working Ranges

