

INNOVATION LEADS TO VALUE



SWE 400F LARGE EXCAVATOR

◆ Total weight: 39.2 t

◆ Engine power: 254 kW / 2 100 rpm

◆ Bucket capacity: 2.0 m³



- ◆ **Powered by Cummins for strong performance**
The 254 kW high-power reserve engine delivers robust power; the 249 kN bucket digging force easily handles heavy-load conditions.
- ◆ **New Design, Mighty and Dominant**
The new generation family-style F series features a brand new appearance, with a majestic and powerful overall design, incorporating more mining elements, combining beauty and strength.
- ◆ **Efficiency First, High Efficiency and Energy Saving**
A large-displacement pump, large-passage main valve, equipped with an independent cooling system; a 2.8 m arm is paired with a 2.0 m³ large bucket capacity dual-curve rock bucket, and the crushing system is matched with a 175 efficient energy-saving breaker.
- ◆ **Reliable and Durable, Diamond Quality**
Heavy-duty working devices with large box section, supported by 40-ton grade forged components; 40-50 ton class extended and widened undercarriage assembly, the reliable and durable carrying capacity is multiplied by the four wheels and the track link.
- ◆ **Comfortable Control and Easy Maintenance**
The all-new cab with a 10.1-inch large touch LCD display, one-touch start and centralized full-key switch; the direct-flow air filter makes maintenance more convenient.

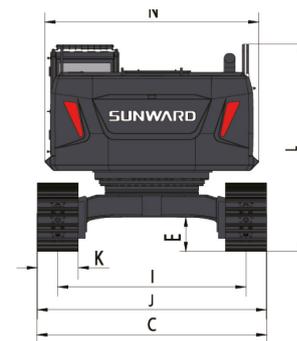
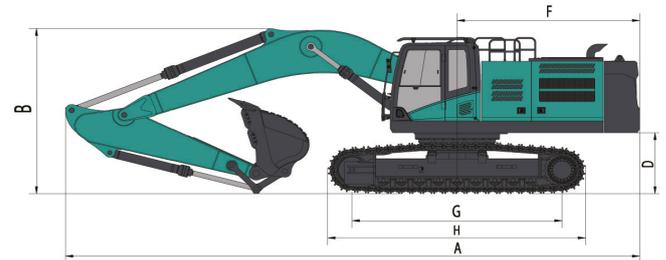
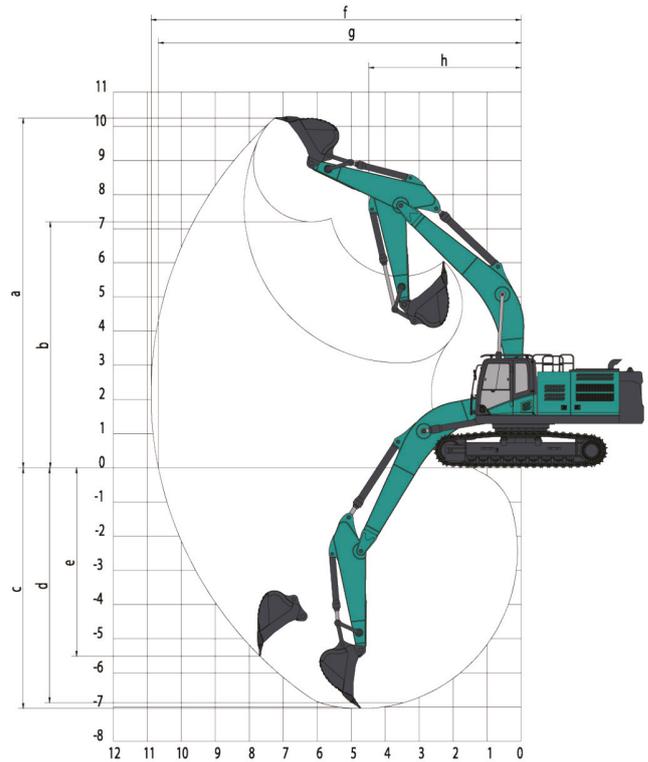
TECHNICAL PARAMETERS



SWE 400F

Parameters and performance of the main machine

| | | | |
|---------------------------|------------------|-----------------------|---------------|
| Working weight | kg | 39 200 | |
| Standard bucket capacity | m ³ | 2.0 | |
| Bucket digging force | kN | 249 | |
| Arm digging force | kN | 207 | |
| Max. drawbar pull | kN | 348 | |
| Travel speed (Max/Min) | km/h | 5.2 / 3.0 | |
| Gradeability | % | 70 | |
| Ground pressure | kPa | 69.6 | |
| Swing speed | rpm | 9.6 | |
| Engine | Brand | Cummins | |
| | Model | L9S5-C338 | |
| | Power | kW/rpm | 254 / 2 100 |
| | Max Torque | N.m/rpm | 1 526 / 1 400 |
| | Displacement | L | 8.9 |
| Fuel tank capacity | L | 700 | |
| Hydraulic Oil Tank | L | 475 | |
| Main Pump | Brand | Hengli | |
| | Model | V90N180 | |
| | Type | Variable plunger pump | |
| | Max Flow | L/min | 2 x 306 |
| | Working Pressure | MPa | 34.3 |
| Pilot pump | Type | Gear pump | |
| | Max Flow | L/min | 25.5 |
| | Working Pressure | MPa | 3.9 |
| AUX-1 pipe flow (breaker) | L/min | 306 | |
| AUX-2 pipe flow | L/min | 36 | |



Working range

| | | | |
|---|------------------------------------|----|--------|
| | Boom length | mm | 6 500 |
| | Arm length | mm | 2 800 |
| a | Max. cutting height | mm | 10 375 |
| b | Max. loading height | mm | 7 175 |
| c | Max. digging depth | mm | 7 020 |
| d | Digging depth (2.44m; horizontal) | mm | 6 855 |
| e | Max. vertical digging depth | mm | 5 500 |
| f | Max. digging reach | mm | 10 925 |
| g | Max. digging reach at ground level | mm | 10 705 |
| h | Min. front slewing radius | mm | 4 510 |

Outline dimensions

| | | | | | | | |
|---|----------------------------|----|--------|---|-----------------------------|----|-------|
| A | Total length | mm | 11 400 | H | Total track length | mm | 5 115 |
| B | Total height | mm | 3 630 | I | Shoe distance | mm | 2 740 |
| C | Total width | mm | 3 350 | J | Track width | mm | 3 340 |
| D | Counterweight Clearance | mm | 1 300 | K | Shoe Width | mm | 600 |
| E | Chasis ground clearance | mm | 550 | L | Max height of total machine | mm | 3 330 |
| F | Tail swing radius | mm | 3 615 | N | Swing width | mm | 3 120 |
| G | Track length on the ground | mm | 4 160 | | | | |

♦ The above parameters may be different due to product upgrading.

