

INNOVATION LEADS TO VALUE



# SWE 08F MINI EXCAVATOR

◆ Total weight: 1.01 t

◆ Engine power: 7.2 kW / 2 400 rpm

◆ Bucket capacity: 0.022 m<sup>3</sup>

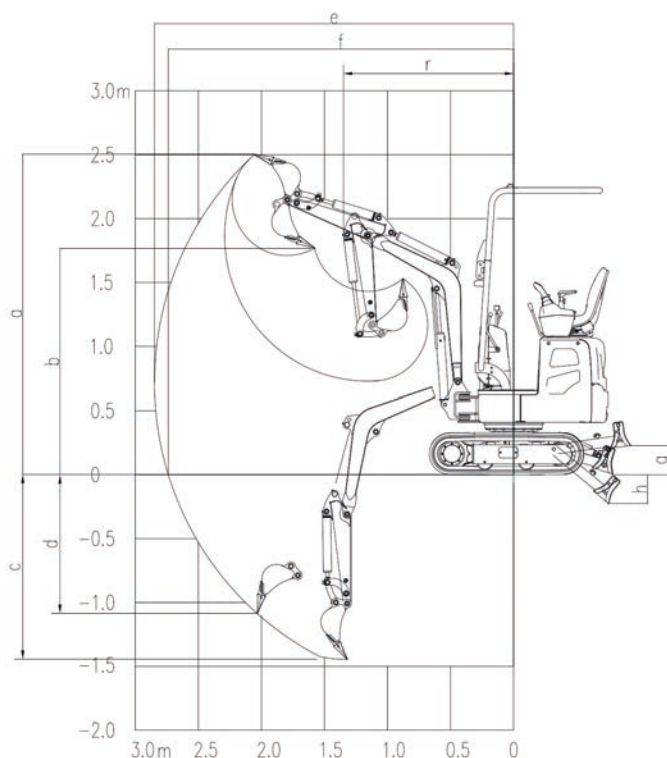


- ◆ Equipped with high-performance engine, meeting Euro 5 emission standard, and low noise and shaking.
- ◆ Equipped with famous brand hydraulic components that are reliable and durable. Pilot hydraulic maneuvering is used for precise and smooth operation.
- ◆ Tail cover with large opening angle and front sealing plate that can be fully opened to facilitate easy day-to-day maintenance.
- ◆ With the chassis expansion and contraction, moving arm deflection, upper trolley rotation, bulldozer folding and other functions, it can be used for the works in narrow spaces.
- ◆ Various manipulator handles are centrally arranged for flexible switching of functions, and flip armrest box and pilot safety switch are installed for safe and comfortable operation.



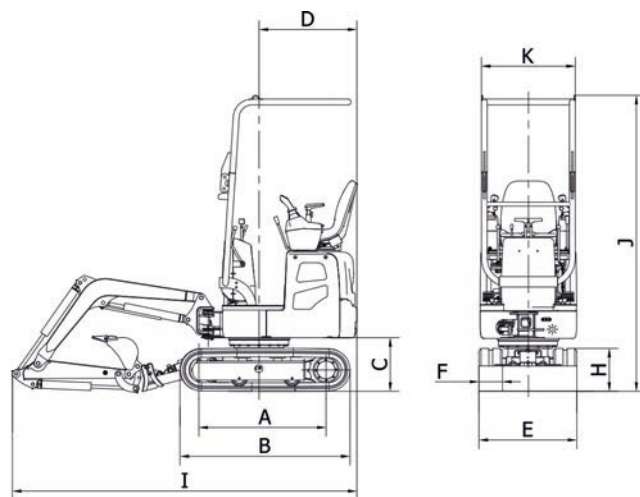
## Parameters and performance of the main machine

|                               |                      |                |                        |
|-------------------------------|----------------------|----------------|------------------------|
| Dimension (L×W×H)             |                      | mm             | 2 640 x 750 x 2 275    |
| Overall weight                | With rubber track    | t              | 1.01                   |
|                               | With steel track     | t              | /                      |
| Standard bucket capacity      |                      | m <sup>3</sup> | 0.022                  |
| Bucket digging force          |                      | kN             | 9.4                    |
| Arm digging force             |                      | kN             | 5.8                    |
| Max. drawbar pull             |                      | kN             | 8.3                    |
| Travel speed (Max/Min)        |                      | km/h           | 2.9 / 1.5              |
| Gradeability                  |                      | %              | 57                     |
| Ground pressure               |                      | kPa            | 24.5                   |
| Slewing speed                 |                      | rpm            | 8.2                    |
| Engine                        | Brand                |                | YANMAR                 |
|                               | Model                |                | 2TNV70-PSU(Euro V)     |
|                               | Max. torque          | N.m/rpm        | 34.4 / 1 800           |
|                               | Displacement         | L              | 0.57                   |
|                               | Power/Rotation speed | kw/rpm         | 7.2 / 2 400            |
| Fuel tank capacity            |                      | L              | 10                     |
| Primary pump                  | Type                 |                | Quantitative gear pump |
|                               | Flow rate            | L/min          | 9.6 + 9.6              |
| Pressure of main relief valve |                      | MPa            | 16                     |
| Hydraulic oil tank capacity   |                      | L              | 9.5                    |



## Working range

|   |                                     |    |       |
|---|-------------------------------------|----|-------|
|   | Boom length                         | mm | 1 350 |
|   | Arm length                          | mm | 700   |
| a | Max. digging height                 | mm | 2 505 |
| b | Max. dumping height                 | mm | 1 770 |
| c | Max. digging depth                  | mm | 1 450 |
| d | Max. vertical digging depth         | mm | 1 085 |
| e | Max. digging reach                  | mm | 2 850 |
| f | Max. digging reach at ground level  | mm | 2 740 |
| g | Max. lift height of the dozer blade | mm | 225   |
| h | Max. digging depth of dozer blade   | mm | 225   |
| r | Min. swing radius                   | mm | 1 350 |



## Outline dimensions

|   |                              |    |             |   |                          |    |       |
|---|------------------------------|----|-------------|---|--------------------------|----|-------|
| A | Length to center of rollers  | mm | 975         | G | Chassis ground clearance | mm | 130   |
| B | Total track length           | mm | 1 300       | H | Track height             | mm | 330   |
| C | Counterweight clearance      | mm | 420         | I | Total length             | mm | 2 640 |
| D | Platform tail slewing radius | mm | 750         | J | Max. height of cab       | mm | 2 275 |
| E | Track width                  | mm | 750 / 1 000 | K | Uppercarriage width      | mm | 740   |
| F | Track shoe width             | mm | 180         |   |                          |    |       |

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

