

INNOVATION LEADS TO VALUE



# SWE 155F-5A MEDIUM EXCAVATOR

◆ Total weight: 14.7 t

◆ Engine power: 90 kW / 2 200 rpm

◆ Bucket capacity: 0.6 m<sup>3</sup>



- ◆ Powered by a reliable and fuel-efficient engine, delivering the performance required for demanding applications.
- ◆ The proven hydraulic system ensures smooth operation, high efficiency and precise control.
- ◆ The reinforced boom and arm are designed for strength, durability and reliable performance in heavy-duty applications.
- ◆ With an overall width of 2 490 mm, the machine offers excellent stability, while grease-lubricated sealed track chains help extend service life and reduce maintenance requirements.
- ◆ The spacious machine layout provides easy access to service points, making daily maintenance quick and convenient.
- ◆ A dozer blade and auxiliary hydraulic lines are provided as standard, allowing the machine to be equipped with a wide range of attachments.

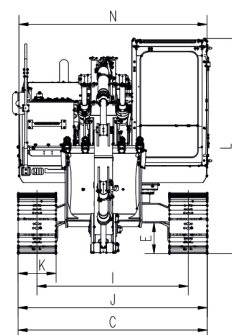
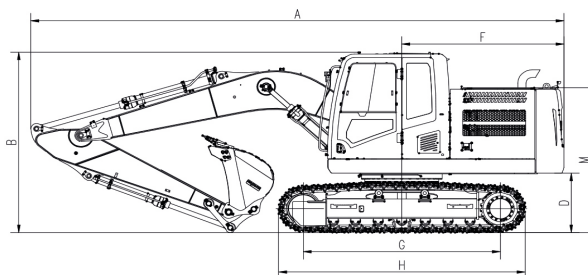
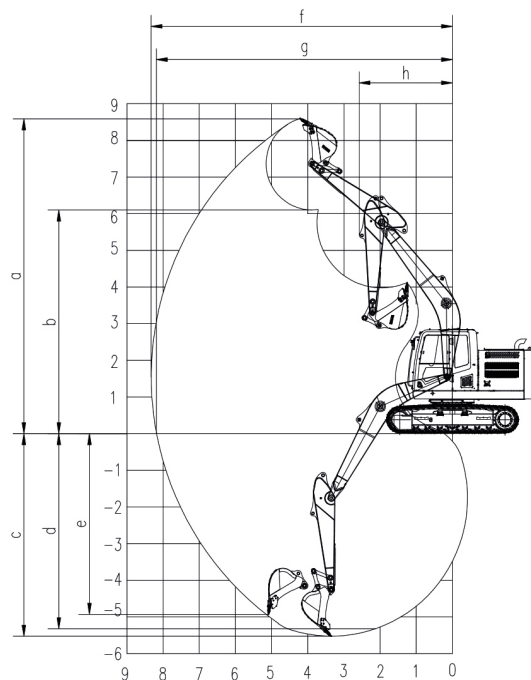


## Parameters and performance of the main machine

|                               |                      |         |                           |
|-------------------------------|----------------------|---------|---------------------------|
| Weight of whole machine       |                      | t       | 14.7                      |
| Standard bucket capacity      |                      | m³      | 0.6                       |
| Bucket digging force          |                      | kN      | 100                       |
| Arm digging force             |                      | kN      | 76                        |
| Max. drawbar pull             |                      | kN      | 115                       |
| Travel speed (Max/Min)        |                      | km/h    | 5.7 / 3.5                 |
| Gradeability                  |                      | %       | 70                        |
| Ground pressure               |                      | kPa     | 45.04                     |
| Slewing speed                 |                      | rpm     | 11                        |
| Engine                        | Brand                |         | CUMMINS                   |
|                               | Model                |         | F3.8                      |
|                               | Max. torque          | N.m/rpm | 500 / 1 500               |
|                               | Displacement         | L       | 3.8                       |
|                               | Power/Rotation speed | kw/rpm  | 90 / 2 200                |
| Fuel tank capacity            |                      | L       | 300                       |
| Primary pump                  | Type                 |         | 2 x variable plunger pump |
|                               | Flow rate            | L/min   | 2 x 165                   |
| Pressure of main relief valve |                      | MPa     | 31.4 / 34.3               |
| Hydraulic oil tank capacity   |                      | L       | 185                       |

## Working range

|   |                                    |    |       |
|---|------------------------------------|----|-------|
|   | Boom length                        | mm | 4 600 |
|   | Arm length                         | mm | 2 500 |
| a | Max. digging height                | mm | 8 600 |
| b | Max. dumping height                | mm | 6 145 |
| c | Max. digging depth                 | mm | 5 530 |
| d | Digging depth (2.44m; horizontal)  | mm | 5 320 |
| e | Max. vertical digging depth        | mm | 4 930 |
| f | Max. digging reach                 | mm | 8 330 |
| g | Max. digging reach at ground level | mm | 8 185 |
| h | Min. front slewing radius          | mm | 2 575 |



## Outline dimensions

|   |                              |    |       |   |                     |    |       |
|---|------------------------------|----|-------|---|---------------------|----|-------|
| A | Total length                 | mm | 8 270 | H | Total track length  | mm | 3 650 |
| B | Total height                 | mm | 2 860 | I | Track gauge         | mm | 1 990 |
| C | Total width                  | mm | 2 490 | J | Track width         | mm | 2 490 |
| D | Counterweight clearance      | mm | 940   | K | Track shoe width    | mm | 500   |
| E | Ground clearance             | mm | 410   | L | Max. height of cab  | mm | 2 860 |
| F | Platform tail slewing radius | mm | 2 515 | N | Uppercarriage width | mm | 2 490 |
| G | Length to center of rollers  | mm | 2 915 |   |                     |    |       |

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

