

|                          |                               |
|--------------------------|-------------------------------|
| Engine                   | Cummins QSM11                 |
| Gross Power              | 298 kW (399.6 hp) @ 1,800 rpm |
| Net Power                | 280 kW (375.5 hp) @ 1,800 rpm |
| Maximum Digging Depth    | 6,521 mm                      |
| Standard Bucket Capacity | 3.2 m <sup>3</sup>            |
| Operating Weight         | 48,000 kg                     |

# 950E EXCAVATOR



TOUGH WORLD. TOUGH EQUIPMENT.

# 950E SPECIFICATIONS >>>

## ENGINE

|                     |                               |
|---------------------|-------------------------------|
| Emission Regulation | Tier2 / Stage II              |
| Make                | Cummins                       |
| Model               | QSM11                         |
| Gross Power         | 298 kW (399.6 hp) @ 1,800 rpm |
| Net Power           | 280 kW (375.5 hp) @ 1,800 rpm |
| Peak Torque         | 1,898 N • m @ 1,400 rpm       |
| Number of Cylinders | 6                             |
| Displacement        | 10.8 L                        |

## TRACK DRIVE

|                      |          |
|----------------------|----------|
| Maximum Travel Speed | 5.5 km/h |
| Drawbar Pull         | 386 kN   |

## UNDERCARRIAGE

|                                   |        |
|-----------------------------------|--------|
| Shoe Width                        | 700 mm |
| Number of Shoes per Side          | 53     |
| Number of Upper Rollers per Side  | 2      |
| Number of Bottom Rollers per Side | 9      |

## HYDRAULIC SYSTEM

|                        |           |
|------------------------|-----------|
| Main Pumps Total Flow  | 760 L/min |
| Relief Pressure, main  | 32.3 Mpa  |
| Relief Pressure, boost | 35.3 Mpa  |

## SWING SYSTEM

|             |         |
|-------------|---------|
| Swing Speed | 8.5 rpm |
|-------------|---------|

## REFERENCE ARM

|                              |          |
|------------------------------|----------|
| Arm Length                   | 2,550 mm |
| Arm Breakout Force, max, ISO | 270 kN   |

## WORKING RANGES

|                                    |           |
|------------------------------------|-----------|
| Maximum Dig Depth                  | 6,521 mm  |
| Reach at Ground Level              | 10,625 mm |
| Depth of 8' Level Bottom           | 6337 mm   |
| Maximum Dig Height                 | 9977 mm   |
| Dump Height                        | 7038 mm   |
| Maximum Dig Depth of Vertical Wall | 5024 mm   |

## BUCKET PERFORMANCE

|                                              |        |
|----------------------------------------------|--------|
| Standard Bucket Heaped Capacity (Referenced) | 3.2 m³ |
| Minimum Heaped Capacity of Bucket Options    | 2.6 m³ |
| Maximum Heaped Capacity of Bucket Options    | 3.6 m³ |
| Bucket Breakout Force, max , ISO             | 280 kN |

## SERVICE CAPACITIES

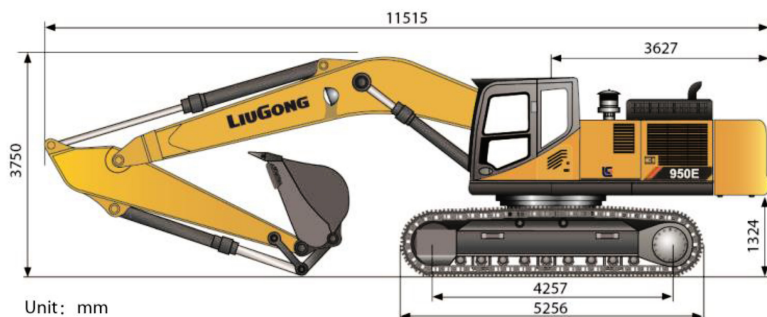
|                        |       |
|------------------------|-------|
| Fuel Tank              | 650 L |
| Engine Oil             | 38 L  |
| Cooling System         | 50 L  |
| Hydraulic Reservoir    | 290 L |
| Hydraulic System Total | 540 L |

| Bucket: SAE 3.2 m³, 2,900 kg, Boom: 6,500 mm, Arm: 2,550 mm, Shoes: 600 mm, Hydraulic system: 32.3 MPa |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     |        |                                                                                       |       |       |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|-------|-------|
| Lift Point Height                                                                                      |  |         |  |         |  |         |  |         |  |         |  |         |  |        |  |       |       |
|                                                                                                        | 2 m                                                                                 |         | 3 m                                                                                 |         | 4 m                                                                                 |         | 5 m                                                                                 |         | 6 m                                                                                 |         | 7 m                                                                                 |         | 8m                                                                                  |        | 9m                                                                                    |       |       |
| 7 m                                                                                                    | kg                                                                                  |         |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     | ※8,900  | ※8,900                                                                              | ※8,140 | 6,690                                                                                 |       |       |
| 6 m                                                                                                    | kg                                                                                  |         |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     |         |                                                                                     | ※8,250 | 6,900                                                                                 |       |       |
| 5 m                                                                                                    | kg                                                                                  |         |                                                                                     |         |                                                                                     |         |                                                                                     |         | ※10,560                                                                             | ※10,560 | ※9,350                                                                              | 8,640   | ※8,500                                                                              | 6,710  | ※7,860                                                                                | 5,230 |       |
| 4 m                                                                                                    | kg                                                                                  |         |                                                                                     |         | ※17,400                                                                             | ※17,400 | ※13,670                                                                             | ※13,670 | ※11,420                                                                             | 10,670  | ※9,890                                                                              | 8,220   | ※8,810                                                                              | 6,460  | ※8,020                                                                                | 5,110 |       |
| 3 m                                                                                                    | kg                                                                                  |         |                                                                                     |         | ※19,750                                                                             | 18,370  | ※15,030                                                                             | 13,190  | ※12,270                                                                             | 9,970   | ※10,460                                                                             | 7,780   | ※9,170                                                                              | 6,170  | ※8,190                                                                                | 4,960 |       |
| 2 m                                                                                                    | kg                                                                                  |         |                                                                                     |         | ※21,200                                                                             | 16,790  | ※16,100                                                                             | 12,220  | ※12,980                                                                             | 9,350   | ※10,930                                                                             | 7,360   | ※9,470                                                                              | 5,900  | ※8,350                                                                                | 4,800 |       |
| 1 m                                                                                                    | kg                                                                                  |         |                                                                                     |         | ※20,290                                                                             | 16,010  | ※16,680                                                                             | 11,530  | ※13,470                                                                             | 8,850   | ※11,260                                                                             | 7,030   | ※9,650                                                                              | 5,690  | 8,300                                                                                 | 4,650 |       |
| 0 m                                                                                                    | kg                                                                                  |         |                                                                                     | ※11,890 | ※11,890                                                                             | ※21,120 | 15,750                                                                              | ※16,730 | 11,170                                                                              | ※13,600 | 8,550                                                                               | ※11,360 | 6,780                                                                               | ※9,680 | 5,530                                                                                 | 8,210 | 4,570 |
| -1 m                                                                                                   | kg                                                                                  | ※12,690 | ※12,690                                                                             | ※16,900 | ※16,900                                                                             | ※20,170 | 15,770                                                                              | ※16,310 | 11,030                                                                              | ※13,390 | 8,390                                                                               | ※11,210 | 6,670                                                                               | ※9,470 | 5,440                                                                                 |       |       |
| -2 m                                                                                                   | kg                                                                                  | ※17,680 | ※17,680                                                                             | ※22,280 | ※22,280                                                                             | 18,730  | 15,970                                                                              | ※15,420 | 11,090                                                                              | ※12,780 | 8,380                                                                               | ※10,680 | 6,650                                                                               | ※8,890 | 5,460                                                                                 |       |       |
| -3 m                                                                                                   | kg                                                                                  | ※22,870 | ※22,870                                                                             | ※19,880 | ※19,880                                                                             | 16,760  | 16,340                                                                              | 14,000  | 11,300                                                                              | 11,680  | 8,520                                                                               | 9,670   | 6,780                                                                               |        |                                                                                       |       |       |
| -4 m                                                                                                   | kg                                                                                  |         |                                                                                     | 16,290  | 16,290                                                                              | 14,060  | 14,060                                                                              | 11,890  | 11,670                                                                              | 9,890   | 8,810                                                                               | 7,840   | 7,050                                                                               |        |                                                                                       |       |       |
| -5 m                                                                                                   | kg                                                                                  |         |                                                                                     | 11,440  | 11,440                                                                              | 10,320  | 10,320                                                                              | 8,770   | 8,770                                                                               | 6,880   | 6,880                                                                               |         |                                                                                     |        |                                                                                       |       |       |

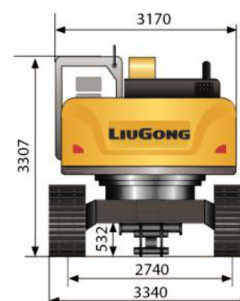
1. ※ Indicates the load is limited by hydraulic capacity rather than tipping capacity.

2. The above rated loads are in compliance with ISO 10567 hydraulic excavator lift capacity rating standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.

3. Ratings at bucket lift hook.



Unit: mm



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.

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