

**LIUGONG**

**922FE**

**ELECTRIC EXCAVATOR**

**MOTOR TYPE**

**BATTERY**

**RATED STORAGE CAPACITY**

**MOTOR RATED POWER**

**STANDARD BUCKET CAPACITY**

**OPERATING WEIGHT**

**IPMSM**

**LFP**

**423 kWh**

**165 kW (221.3 hp)**

**1.0 m<sup>3</sup>**

**24,100 kg**



**B A T T E R Y   E L E C T R I C   V E H I C L E**

**TOUGH WORLD. TOUGH EQUIPMENT.**



## PERFORMANCE PARAMETERS

|                                          |           |
|------------------------------------------|-----------|
| Operating Weight                         | 24,100 kg |
| Std. Bucket Heaped Capacity (Referenced) | 1.0 m³    |
| Maximum Travel Speed                     | 5.3 km/h  |
| Swing Speed                              | 10.5 rpm  |
| Drawbar Pull                             | 220 kN    |
| Bucket Digging Force (ISO)               | 152.5 kN  |
| Arm Digging Force (ISO)                  | 105 kN    |

## ELECTRIC SYSTEM

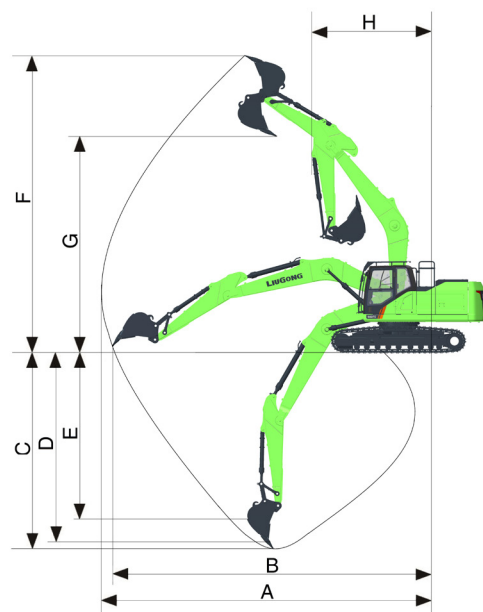
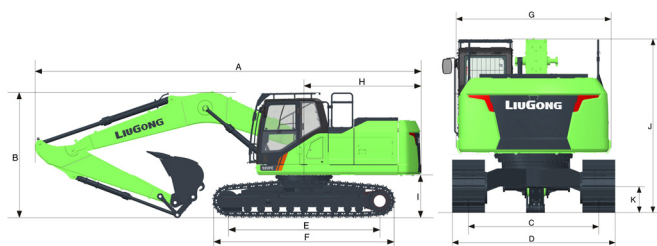
|                         |             |
|-------------------------|-------------|
| Motor Type              | IPMSM       |
| Battery                 | LFP         |
| Rated Storage Capacity  | 423 kWh     |
| Rated Voltage           | 618 V       |
| Indicative Runtime      | 4-9 h       |
| Charge Time             | ≥1.3 h      |
| Charging Port           | DC Charging |
| Number of Charging Port | 2           |

## UNDERCARRIAGE

|                                   |    |
|-----------------------------------|----|
| Number of Shoes per Side          | 49 |
| Number of Bottom Rollers per Side | 8  |
| Number of Upper Rollers per Side  | 2  |

## DIMENSIONS

|                                    |          |
|------------------------------------|----------|
| A Shipping Length                  | 9,910 mm |
| B Shipping Height                  | 2,985 mm |
| C Track Gauge                      | 2,390 mm |
| D Undercarriage Width              | 2,990 mm |
| E Length to Center of Rollers      | 3,650 mm |
| F Track Length                     | 4,440 mm |
| G Overall Width of Upper Structure | 2,760 mm |
| H Tail Swing Radius                | 3,135 mm |
| I Counterweight Ground Clearance   | 1,060 mm |
| J Overall Height of Cab            | 2,980 mm |
| K Min. Ground Clearance            | 470 mm   |



## WORKING RANGE

|                                         |          |
|-----------------------------------------|----------|
| Boom Length                             | 5,710 mm |
| Arm Length                              | 2,915 mm |
| A Max. Digging Reach                    | 9,870 mm |
| B Max. Digging Reach on Ground          | 9,720 mm |
| C Max. Digging Depth                    | 6,700 mm |
| D Max. Digging Depth, 2.44 m (8') Level | 6,540 mm |
| E Max. Vertical Wall Digging Depth      | 4,820 mm |
| F Max. Cutting Height                   | 9,740 mm |
| G Max. Dumping Height                   | 7,000 mm |
| H Min. Front Swing Radius               | 3,135 mm |

## HYDRAULIC SYSTEM

|                        |               |
|------------------------|---------------|
| Main Pumps Total Flow  | 2 x 224 L/min |
| Relief Pressure, main  | 34.3 MPa      |
| Relief Pressure, boost | 37.3 MPa      |

## SERVICE CAPACITIES

|                        |       |
|------------------------|-------|
| Cooling System         | 25 L  |
| Hydraulic Reservoir    | 112 L |
| Hydraulic System Total | 200 L |