

LIUGONG

922FE

ELECTRIC EXCAVATOR

MOTOR TYPE	IPMSM
BATTERY	LFP
RATED STORAGE CAPACITY	423 kWh
MOTOR RATED POWER	165 kW (221.3 hp)
STANDARD BUCKET CAPACITY	1.0 m ³
OPERATING WEIGHT	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.

922FE SPECIFICATIONS >>>

PERFORMANCE PARAMETERS

Operating Weight	24,100 kg
Std. Bucket Heaped Capacity (Referenced)	1.0 m ³
Maximum Travel Speed	5.6 km/h
Swing Speed	10.5 rpm
Drawbar Pull	200 kN
Bucket Digging Force (ISO)	152.5 kN
Arm Digging Force (ISO)	105 kN

ELECTRIC SYSTEM

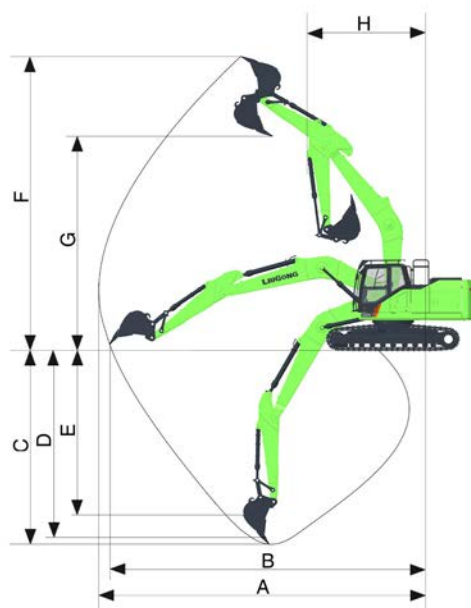
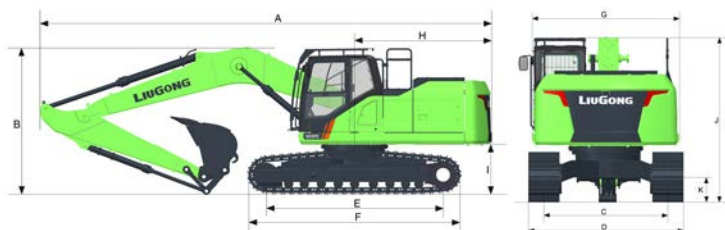
Motor Type	IPMSM
Battery	LFP
Rated Storage Capacity	423 kWh
Rated Voltage	618 V
Charging Time (300kW Charging Power)	≤ 80 min
Charging Port	DC Charging

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	3,050 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	4,445 mm
G Overall Width of Upper Structure	2,835 mm
H Tail Swing Radius	3,130 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 228 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

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area.

02/2025 Designed by Liugong
Replace the previous versions of 02/2025