

LIUGONG

924FE

ELECTRIC EXCAVATOR

MOTOR TYPE

BATTERY

RATED STORAGE CAPACITY

MOTOR RATED POWER

STANDARD BUCKET CAPACITY

OPERATING WEIGHT

IPMSM

LFP

423 kWh

105 kW

1 m³

24,900 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.

924FE SPECIFICATIONS >>>

PERFORMANCE PARAMETERS

Operating Weight	24,900 kg
Std. Bucket Capacity	1 m ³
Maximum Travel Speed	5.6 km/h
Swing Speed	10.5 rpm
Drawbar Pull	200 kN
Bucket Digging Force (ISO)	165 kN
Arm Digging Force (ISO)	105 kN

ELECTRIC SYSTEM

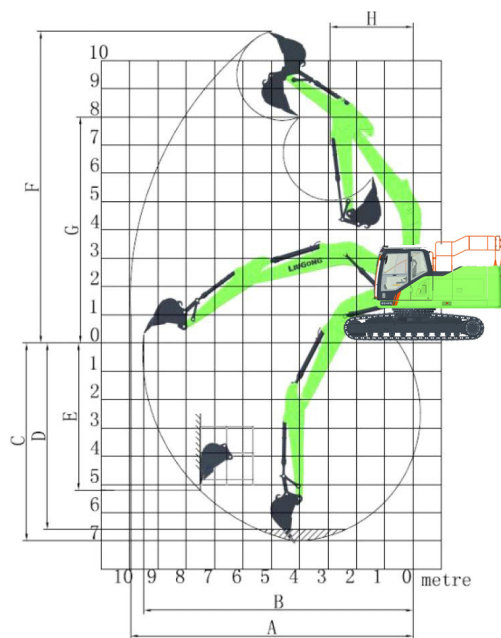
Motor Type	IPMSM
Battery	LFP
Rated Storage Capacity	423 kWh
Rated Voltage	618 V
Charge Time (300kW Charging Power)	≤ 80 min
Charging Port	DC Charging

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	3,428 mm
C Track Gauge	2,390 mm
D Undercarriage Width	3,090 mm
E Length to Center of Rollers	3,650 mm
F Track Length	4,445 mm
G Overall Width of Upper Structure	2,838 mm
H Tail Swing Radius	3,130 mm
I Counterweight Ground Clearance	1,060 mm
J Overall Height of Cab (with TOP Guard)	3,135 mm
K Min. Ground Clearance	470 mm



WORKING RANGE

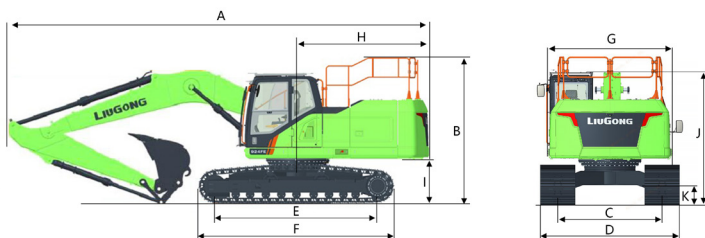
Boom Length	5,710 mm
Arm Length	2,915 mm
A Max. Digging Reach	9,890 mm
B Max. Digging Reach on Ground	9,720 mm
C Max. Digging Depth	6,700 mm
D Max. Digging Depth, 2.5 m (8') Level	6,540 mm
E Max. Vertical Wall Digging Depth	5,140 mm
F Max. Cutting Height	9,740 mm
G Max. Dumping Height	7,020 mm
H Min. Front Swing Radius	3,150 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	220 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.

03/2025 Designed by Liugong
Replace the previous versions of 03/2025