

LIUGONG

924F-E

NEW ELECTRIC EXCAVATOR



Motor type	IPMSM
Battery	LFP
Rated Storage Capacity	430 kWh
Maximum Dig Depth	6,735 mm
Standard Bucket Capacity	1.0 m ³
Operating Weight	24,900 kg

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NEW ELECTRIC EXCAVATOR

TOUGH WORLD. TOUGH EQUIPMENT.

924F-E SPECIFICATIONS >>>

PERFORMANCE PARAMETERS

Operating Weight	24,900 kg
Std. Bucket Heaped Capacity (Referenced)	1.0 m ³
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)	113 kN

ELECTRIC SYSTEM

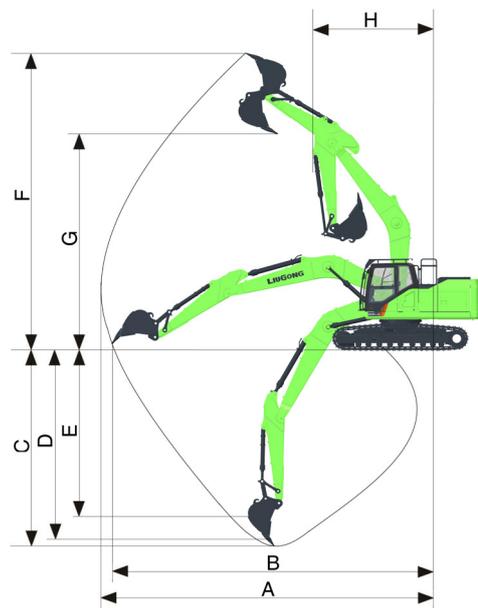
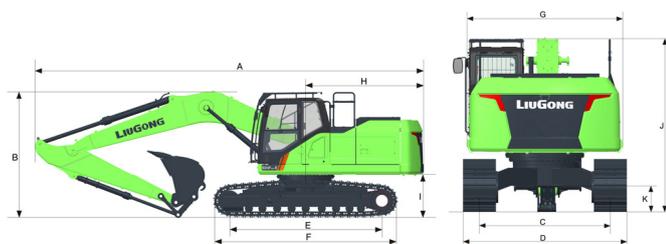
Motor Type	IPMSM
Battery	LFP
Rated Storage Capacity	430 kWh
Rated Voltage	530 V
Battery Life	6-10 h
Charge Time	≈1.5 h
Charging Port	DC Charging
Number of Charging Port	2
Auxiliary Battery Voltage	24 V

UNDERCARRIAGE

Number of Shoes per Side	51
Number of Bottom Rollers per Side	9
Number of Upper Rollers per Side	2

DIMENSIONS

A Shipping Length	9,770 mm
B Shipping Height	3,415 mm
C Track Gauge	2,390 mm
D Undercarriage Width	2,990 mm
E Length to Center of Rollers	3,840 mm
F Track Length	4,650 mm
G Overall Width of Upper Structure	2,760 mm
H Tail Swing Radius	2,970 mm
I Counterweight Ground Clearance	1,060 mm
J Overall Height o of Cab	3,120 mm
K Min. Ground Clearance	470 mm



WORKING RANGE

Boom Length	5,710 mm
Arm Length	2,915 mm
A Max. Digging Reach	9,960 mm
B Max. Digging Reach on Ground	9,790 mm
C Max. Digging Depth	6,735 mm
D Max. Digging Depth, 2.44 m (8') level	6,540 mm
E Max. Vertical Wall Digging Depth	5,200 mm
F Max. Cutting Height	10,240 mm
G Max. Dumping Height	7,360 mm
H Min. Front Swing Radius	2,920 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	20 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. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

08/2022 Designed by Liugong
Replace the previous versions of 09/2021