

LIUGONG

908FE

ELECTRIC EXCAVATOR

MOTOR TYPE
MOTOR RATED POWER
STANDARD BUCKET CAPACITY
OPERATING WEIGHT

IPMSM
47 kW
0.32 m³
7,600 kg



E L E C T R I C E X C A V A T O R

TOUGH WORLD. TOUGH EQUIPMENT.

PERFORMANCE PARAMETERS

Operating Weight	7,600 kg
Std. Bucket Heaped Capacity (Referenced)	0.32 m ³
Maximum Travel Speed	4.6 km/h
Swing Speed	11 rpm
Drawbar Pull	73 kN
Bucket Digging Force (ISO)	57 kN
Arm Digging Force (ISO)	39 kN

ELECTRIC SYSTEM

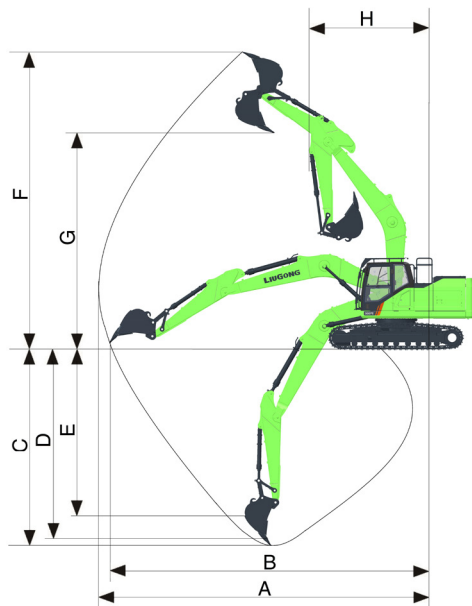
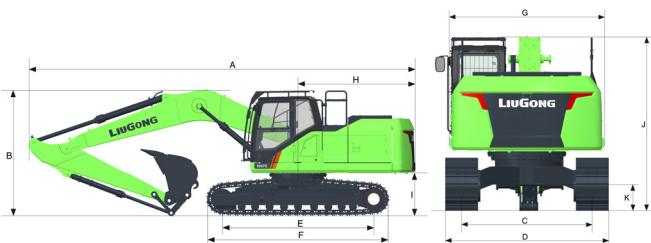
Motor Type	IPMSM
Motor Rated Power	47 kW
Working Input Voltage	AC 380V
Working Range (Recommend)	20~30 m
Cable Diameter (Recommend)	3 x 16 mm ³ + 1 x 6 mm ³
Cable Reel Cable Length	20~30 m
Cable Inlet Mode	Up Incoming Line
Cable Tower Height	2.86 m

UNDERCARRIAGE

Number of Shoes per Side	39
Number of Bottom Rollers per Side	6
Number of Upper Rollers per Side	1

DIMENSIONS

A Shipping Length	6,160 mm
B Shipping Height	2,707 mm
C Track Gauge	1,750 mm
D Undercarriage Width	2,200 mm
E Length to Center of Rollers	2,229 mm
F Track Length	2,842 mm
G Overall Width of Upper Structure	2,158 mm
H Tail Swing Radius	1,650 mm
I Counterweight Ground Clearance	1,090 mm
J Overall Height of Cab	2,707 mm
K Min. Ground Clearance	350 mm



WORKING RANGE

Boom Length	3,710 mm
Arm Length	1,650 mm
A Max. Digging Reach	6,310 mm
B Max. Digging Reach on Ground	6,130 mm
C Max. Digging Depth	4,110 mm
D Max. Digging Depth, 2.44 m (8') Level	3,740 mm
E Max. Vertical Wall Digging Depth	2,574 mm
F Max. Cutting Height	1,220 mm
G Max. Dumping Height	5,220 mm
H Min. Front Swing Radius	1,785 mm

HYDRAULIC SYSTEM

Main Pumps Total Flow	168 L/min
Relief Pressure, main	31 MPa
Relief Pressure, boost	24.5 MPa

SERVICE CAPACITIES

Cooling System	8.25 L
Hydraulic Reservoir	100 L
Hydraulic System Total	120 L