

LIUGONG

939FE

ELECTRIC EXCAVATOR

MOTOR TYPE
MOTOR RATED POWER
STANDARD BUCKET CAPACITY
OPERATING WEIGHT

IPMSM
250 kW
2.0 m³
39,000 kg



ELECTRIC EXCAVATOR

TOUGH WORLD. TOUGH EQUIPMENT.

PERFORMANCE PARAMETERS

Operating Weight	39,000 kg
Std. Bucket Heaped Capacity (Referenced)	2.0 m ³
Maximum Travel Speed	5.5 km/h
Swing Speed	10 rpm
Drawbar Pull	350 kN
Bucket Digging Force (ISO)	255 kN
Arm Digging Force (ISO)	229 kN

ELECTRIC SYSTEM

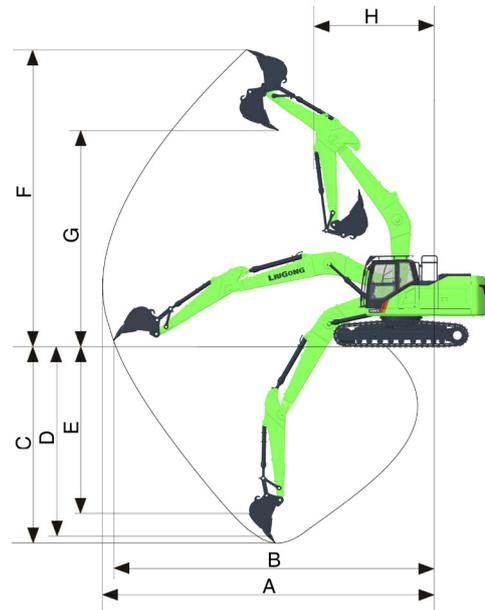
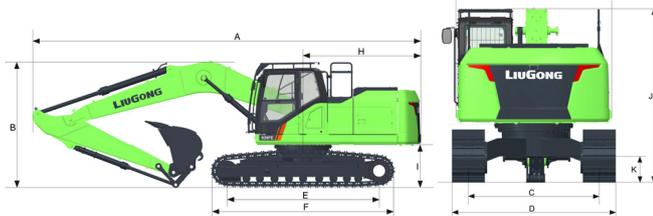
Motor Type	IPMSM
Motor Rated Power	250 kW
Working Input Voltage	AC 380V
Working Range (Recommend)	≤150 m
Cable Diameter (Recommend)	≥3x120 m ² +1x70 m ²
Cable length(Drum)	≤150 m
Cable Inlet mode	Undercarrige Mounted Cable(Bracket)

UNDERCARRIAGE

Number of Shoes per Side	49
Number of Bottom Rollers per Side	9
Number of Upper Rollers per Side	2

DIMENSIONS

A Shipping Length	11,450 mm
B Shipping Height	3,800 mm
C Track Gauge	2,590 mm
D Undercarrige Width	3,190 mm
E Length to Center of Rollers	4,140 mm
F Track Length	5,075 mm
G Overall Width of Upper Structure	3,163 mm
H Tail Swing Radius	3,539 mm
I Counterweight Ground Clearance	1,250 mm
J Overall Height of Cab	3,355 mm
K Min. Ground Clearance	545 mm



WORKING RANGE

Boom Length	6,400 mm
Arm Length	2,900 mm
A Max. Digging Reach	10,728 mm
B Max. Digging Reach on Ground	10,527 mm
C Max. Digging Depth	6,890 mm
D Max. Digging Depth, 2.44 m (8') Level	6,710 mm
E Max. Vertical Wall Digging Depth	5,085 mm
F Max. Cutting Height	9,818 mm
G Max. Dumping Height	6,655 mm
H Min. Front Swing Radius	4,385 mm

HYDRAULIC SYSTEM

Main Pumps Total Flow	2 x 342 L/min
Relief Pressure, main	34.3 MPa
Relief Pressure, boost	37.3 MPa

SERVICE CAPACITIES

Cooling System	37 L
Hydraulic Reservoir	240 L
Hydraulic System Total	450 L