LiuGong

9018FE

ELECTRIC EXCAVATOR

MOTOR TYPE	IPMSM
BATTERY	LFP
RATED STORAGE CAPACITY	20.6 kWh
MOTOR RATED POWER	17 kW
STANDARD BUCKET CAPACITY	0.045 m^3
OPERATING WEIGHT	2,060 kg



BATTERY ELECTRIC VEHICLE

TOUGH WORLD. TOUGH EQUIPMENT.

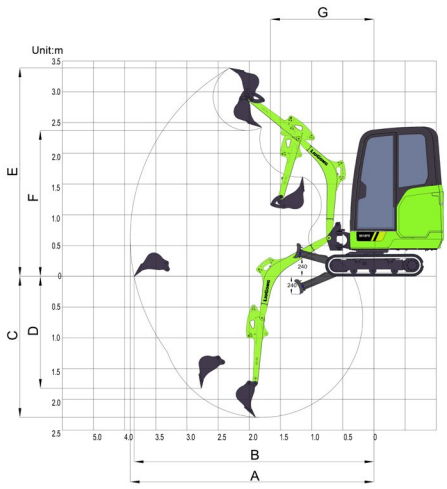
9018FE SPECIFICATIONS>>

PERFORMANCE PARAMETERS	
Operating Weight	2,060 kg
Std. Bucket Heaped Capacity (Referenced)	0.045 m³
Maximum Travel Speed	4.5 km/h
Swing Speed	9.5 rpm
Drawbar Pull	16 kN
Bucket Digging Force (ISO)	16 kN
Arm Digging Force (ISO)	9 kN

ELECTRIC SYSTEM	
Motor Type	IPMSM
Battery	LFP
Rated Storage Capacity	20.6 kWh
Rated Voltage	44.8V
Charging Time (20kW Charging Power)	≤ 90 min
Charging Port	DC charing

UNDERCARRIAGE	
Number of Shoes per Side	37
Number of Bottom Rollers per Side	3

DIMENSIONS	
A Shipping Length	3,707 mm
B Shipping Height	2,350 mm
C Track Gauge	750/1,060 mm
D Undercarriage Width	980/1,290 mm
E Length to Center of Rollers	1,230 mm
F Track Length	1,580 mm
G Overall Width of Upper Structure	980 mm
H Tail Swing Radius	1,070 mm
I Counterweight Ground Clearance	435 mm
J Overall Height of Cab	1,635/1,670 mm
K Min. Ground Clearance	100 mm

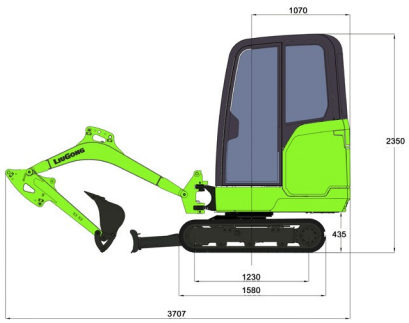


WORKING RANGE	
Boom Length	1,685 mm
Arm Length	1,070 mm
A Max. Digging Reach	3,910 mm
B Max. Digging Reach on Ground	3,850 mm
C Max. Digging Depth	2,290 mm
D Max. Vertical Wall Digging Depth	1,820 mm
E Max. Cutting Height	3,385 mm
F Max. Dumping Height	2,370 mm
G Min. Front Swing Radius	1,660 mm

HYDRAULIC SYSTEM	
Main Pumps Total Flow	55 L/min
Relief Pressure, main	21 MPa

SERVICE CAPACITIES	
Hydraulic Reservoir	24L
Hydraulic System Total	29L





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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