LiuGong

9027FE

ELECTRIC EXCAVATOR

MOTOR TYPE	IPMSM
BATTERY	LFP
RATED STORAGE CAPACITY	20.6 kWh
MOTOR RATED POWER	16.5 kW
STANDARD BUCKET CAPACITY	0.08 m³
OPERATING WEIGHT	2,750 kg



BATTERY ELECTRIC VEHICLE

TOUGH WORLD. TOUGH EQUIPMENT.

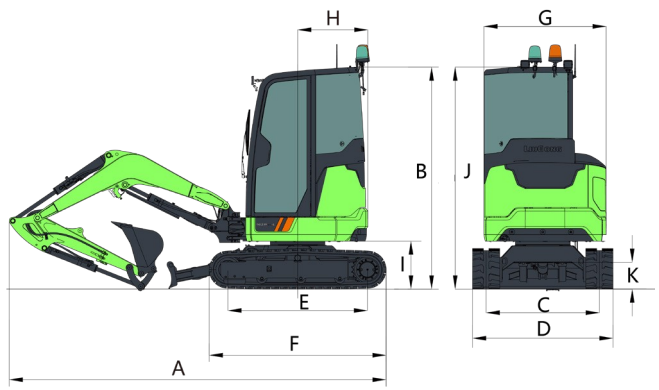
9027FE SPECIFICATIONS

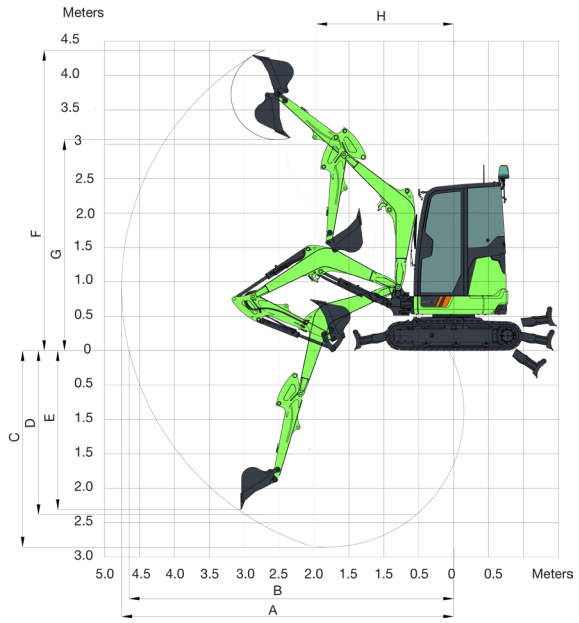
PERFORMANCE PARAMETERS	
Operating Weight	2,750 kg
Std. Bucket Heaped Capacity (Referenced)	0.08 m³
Maximum Travel Speed	4.5 km/h
Swing Speed	9.5 rpm
Drawbar Pull	21.1 kN
Bucket Digging Force (ISO)	20 kN
Arm Digging Force (ISO)	12 kN

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

UNDERCARRIAGE	
Number of Shoes per Side	41 (metal)/80 (rubber)
Number of Bottom Rollers per Side	3
Number of Upper Rollers per Side	1

DIMENSIONS	
A Shipping Length	4,160 mm
B Shipping Height	1,550 mm
C Track Gauge	1,250 mm
D Undercarriage Width	1,550 mm
E Length to Center of Rollers	1,540 mm
F Track Length	1,953 mm
G Overall Width of Upper Structure	1,350 mm
H Tail Swing Radius	775 mm
I Counterweight Ground Clearance	530 mm
J Overall Height of Cab	2,450 mm
K Min. Ground Clearance	295 mm





WORKING RANGE	
Boom Length	2,080 mm
Arm Length	1,300 mm
A Max. Digging Reach	4,757 mm
B Max. Digging Reach on Ground	4,648 mm
C Max. Digging Depth	2,857 mm
D Max. Digging Depth, 2.44 m (8') Level	2,386 mm
E Max. Vertical Wall Digging Depth	2,312 mm
F Max. Cutting Height	4,365 mm
G Max. Dumping Height	3,067 mm
H Min. Front Swing Radius	1,965 mm

HYDRAULIC SYSTEM	
Main Pumps Total Flow	72.8 L/min
Relief Pressure, main	21.6 MPa

SERVICE CAPACITIES	
Hydraulic Reservoir	26L
Hydraulic System Total	40L

MHVP Pty. Ltd.
11 Des Young Dr, Moree, NSW, 2400
T: (02) 6752 4082 E: paul@mhvp.com.au
Www.mhvp.com.au

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.

04/2025 Designed by LiuGong
Replace the previous versions of 04/2025