LiuGong

922FE

ELECTRIC EXCAVATOR

MOTOR TYPE	IPMSM
MOTOR RATED POWER	105 kW
STANDARD BUCKET CAPACITY	1.15 GP/1.0 HD m^3
OPERATING WEIGHT	22,000 kg



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

TOUGH WORLD. TOUGH EQUIPMENT.

922FE SPECIFICATIONS >> >

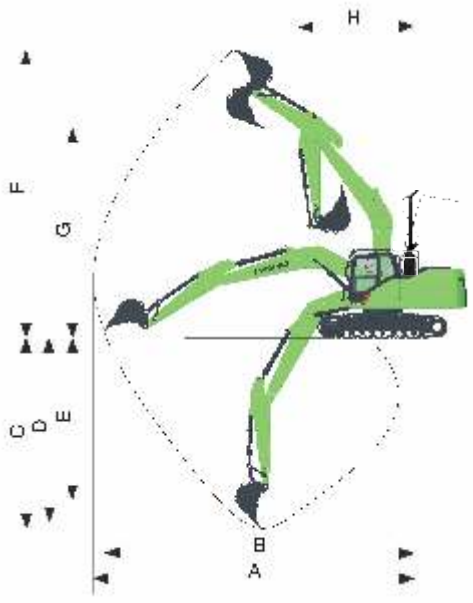
PERFORMANCE PARAMETERS	
Operating Weight	22,000 kg
Std. Bucket Heaped Capacity (Referenced)	1.15GP/1.0HD m^3
Maximum Travel Speed	5.7 km/h
Swing Speed	10.5 rpm
Drawbar Pull	220 kN
Bucket Digging Force (ISO)	152.5 kN
Arm Digging Force (ISO)	126 kN

ELECTRIC SYSTEM	
Motor Type	IPMSM
Motor Rated Power	105 kW
Working Input Voltage	AC 380V
Working Range (Recommend)	< 50 m
Cable Diameter (Recommend)	≤50 mm^2
Cable Reel Cable Length	35 m/45 m
Cable Inlet Mode	Tower /Undercarrige Mounted Cable
Cable Tower Height	4.5 m

UNDERCARRIAGE	
Number of Shoes per Side	49
Number of Bottom Rollers per Side	8
Number of Upper Rollers per Side	2

DIMENSIONS	
A Shipping Length	9,750 mm
B Shipping Height	3,050 mm
C Track Gauge	2,390 mm
D Undercarriage Width	2,990 mm
E Length to Center of Rollers	3,650 mm
F Track Length	4,445 mm
G Overall Width of Upper Structure	2,837 mm
H Tail Swing Radius	3,130 mm
I Counterweight Ground Clearance	1,060 mm
J Overall Height of Cab	2985 mm
K Min. Ground Clearance	470 mm





WORKING RANGE	
Boom Length	5,710 mm
Arm Length	2,400 mm
A Max. Digging Reach	9,530 mm
B Max. Digging Reach on Ground	9,360 mm
C Max. Digging Depth	6,250 mm
D Max. Digging Depth, 2.44 m (8') Level	6,050 mm
E Max. Vertical Wall Digging Depth	5,175 mm
F Max. Cutting Height	9,740 mm
G Max. Dumping Height	7,010 mm
H Min. Front Swing Radius	3,135 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	203 L

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.

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