LiuGong



Engine	Cummins QSF4.5S3A147
Rated Power	108 kW (145 hp / 147 ps) @ 2,200 rpm
Net Power	102 kW (137 hp / 139 ps) @ 2,200 rpm
Maximum Dig Depth	5,930 mm
Standard Bucket Capacity	0.9 m^3
Operating Weight	17,900/18,100 kg

918F EXCAVATOR

TOUGH WORLD. TOUGH EQUIPMENT.

918F SPECIFICATIONS >>>

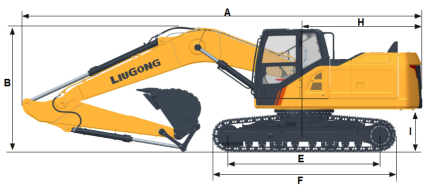
PERFORMANCE PARAMETERS	
Operating Weight	17,900/18,100 kg
Std. Bucket Heaped Capacity (Referenced)	0.9 m^3
Maximum Travel Speed	5.5 km/h
Swing Speed	11.1 rpm
Drawbar Pull	175 kN
Bucket Digging Force (ISO)	* 115 / 125 kN
Arm Digging Force (ISO)	* 88 / 95 kN

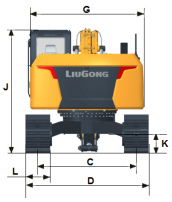
* Normal / Power Boost

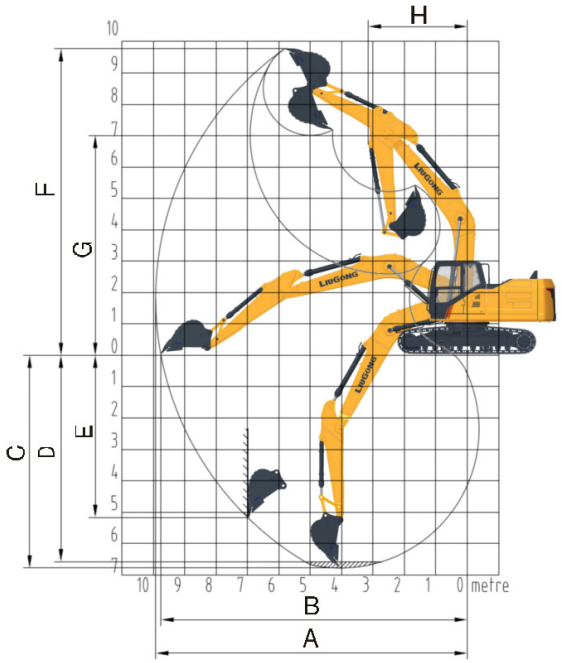
ENGINE	
Emission Regulation	Stage III
Manufacturer	Cummins
Model	QSF4.5S3A147
Rated Power	108 kW (145 hp / 147 ps) @ 2,200 rpm
Net Power	102 kW (137 hp / 139 ps) @ 2,200 rpm
Peak Torque	600 N·m @ 1,300 rpm
Number of Cylinders	4
Displacement	4.5 L

UNDERCARRIAGE	
Shoe Width	500/600 mm
Number of Shoes per Side	44
Number of Upper Rollers per Side	2
Number of Bottom Rollers per Side	7

DIMENSIONS		
A	Shipping Length	8,750 mm
B	Shipping Height	2,990 mm
C	Track Gauge	1,990 mm
D	Undercarriage Width	2,490/2,590 mm
E	Length to Center of Rollers	3,170 mm
F	Track Length	3,960 mm
G	Overall Width of Upper Structure	2,490 mm
H	Tail Swing Radius	2,550 mm
I	Counterweight Ground Clearance	1,035 mm
J	Overall Height of Cab	2,985 mm
K	Min. Ground Clearance	470 mm
L	Track Width	500/600 mm







WORKING RANGE		
Boom Length		5,200 mm
Arm Length		2,600 mm
A	Max. Digging Reach	9,020 mm
B	Max. Digging Reach on Ground	8,840 mm
C	Max. Digging Depth	5,930 mm
D	Max. Digging Depth, 2.5 m (8') Level	5,690 mm
E	Max. Vertical Wall Digging Depth	4,740 mm
F	Max. Cutting Height	8,930 mm
G	Max. Dumping Height	6,390 mm
H	Min. Front Swing Radius	3,040 mm

HYDRAULIC SYSTEM	
Main Pumps Total Flow	340 L/min
Relief Pressure, main	34.3 MPa

SERVICE CAPACITIES	
Fuel Tank	280 L
Engine Oil	14 L
Cooling System	21 L
Hydraulic Reservoir	90 L
Hydraulic System Total	180 L

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08/2024 Designed by LiuGong
Replace the previous versions of 07/2024

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. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.