

LIUGONG

960FE

**DUAL POWER
EXCAVATOR**

MOTOR TYPE
MOTOR RATED POWER
STANDARD BUCKET CAPACITY
OPERATING WEIGHT

IPMSM
310 kW
3.6 m³
55,000 kg



D U A L P O W E R E X C A V A T O R

TOUGH WORLD. TOUGH EQUIPMENT.

960FE SPECIFICATIONS >>>

PERFORMANCE PARAMETERS

Operating Weight	55,000 kg
Std. Bucket Heaped Capacity	3.6 m ³
Travel Speed (High / Low)	5.1 / 3.2 km/h
Swing Speed	8.8 rpm
Drawbar Pull	410 kN
Bucket Digging Force (ISO)	260 kN
Arm Digging Force (ISO)	300 kN

ENGINE

Make	CUMMINS
Engine Model	L9CSIV364C
Power	272 hp
Peak Torque	1520 N·m @ 1200 rpm
Displacement	8.9 L

ELECTRIC SYSTEM

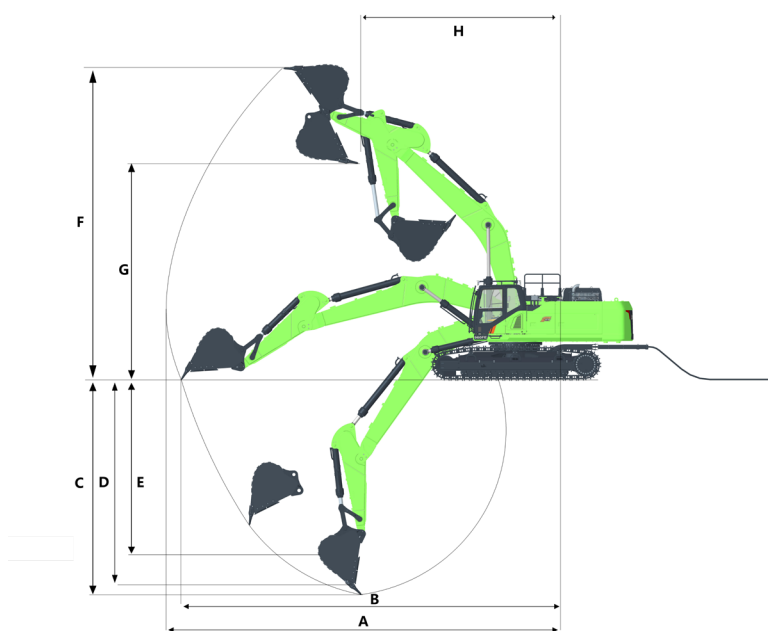
Motor Type	IPMSM
Motor Rated Power	310 kW
Working Input Voltage	AC 437 V
Working Range (Recommend)	≤ 30 m
Cable Diameter (Recommend)	2*95 mm ² + 1*35 mm ²
Cable Reel Cable Length	40 m
Cable Inlet Mode	Undercarriage Mounted Cable

UNDERCARRIAGE

Number of Shoes per Side	53
Number of Bottom Rollers per Side	9
Number of Upper Rollers per Side	3

DIMENSIONS

A Shipping Length	12,540 mm
B Shipping Height	3,830 mm
C Track Gauge	2,890 mm
D Undercarriage Width	3,490 mm
E Length to Center of Rollers	4,775 mm
F Track Length	5,800 mm
G Overall Width of Upper Structure	2,995 mm
H Tail Swing Radius	4,015 mm
I Counterweight Ground Clearance	1,325 mm
J Overall Height of Cab	3,490 mm



WORKING RANGE

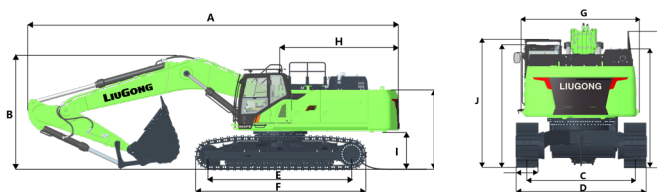
Boom Length	7,060 mm
Arm Length	2,550 mm
A Max. Digging Reach	11,560 mm
B Max. Digging Reach on Ground	11,360 mm
C Max. Digging Depth	7,340 mm
D Max. Digging Depth, 2.5 m Level	7,170 mm
E Max. Vertical Wall Digging Depth	5,650 mm
F Max. Cutting Height	10,520 mm
G Max. Dumping Height	7,160 mm
H Min. Front Swing Radius	5,300 mm

HYDRAULIC SYSTEM

Main Pumps Total Flow	2 x 454 L/min
Relief Pressure, main	34.3 MPa
Relief Pressure, boost	37.2 MPa

SERVICE CAPACITIES

Cooling System	50 L
Hydraulic Reservoir	230 L
Hydraulic System Total	420 L



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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.

06/2025 Designed by Liugong
Replace the previous versions of 06/2025