

# F7 SERIES

## 922E EXCAVATOR



- **Intelligent Power Control (IPC) System**

It harnesses the mechanical, electrical and hydraulic systems to work in perfect harmony for efficiency, precision and control. When the working load increases, engine power and hydraulic pump flow respond to meet the demands of the job.

- **Proven Negative Flow Hydraulics**

With optimized main control valve, the hydraulics has improved the speed of cylinders, while cutting down the hydraulic system's damper loss, leading to much better working efficiency.

- **Reliability and Durability**

The use of thick, high-tensile steel components, internal baffling and stress-relieved plates, guarantees the quality and reliability of our machines.

- **Cummins Engine**

Unmatched performance driven by the Cummins Engine enhances torque output with more power at lower engine speeds, saving energy.



# 922E SPECIFICATIONS >>>

## PERFORMANCE PARAMETERS

Operating Weight	22,000 kg
Std. Bucket Heaped Capacity (Referenced)	1.0 m <sup>3</sup>
Maximum Travel Speed	5.7 km/h
Swing Speed	12.5 rpm
Drawbar Pull	220 kN
Bucket Digging Force (ISO)	152.5 kN
Arm Digging Force (ISO)	105 kN

## ENGINE

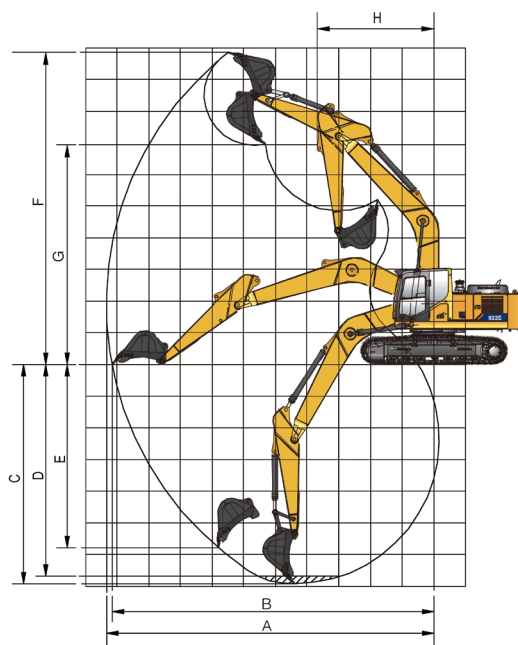
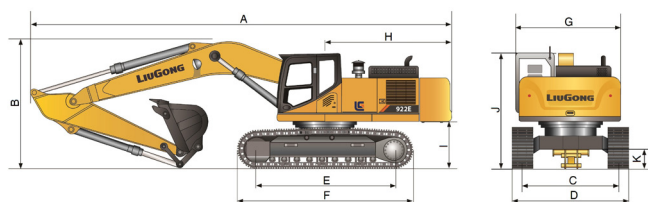
Emission Regulation	Tier 2 / Stage II
Manufacturer	Cummins
Model	6BTA5.9-C150-II
Rated Power	112 kW (150 hp / 152 ps) @1,950 rpm
Net Power	102 kW (137 hp / 139 ps) @1,950 rpm
Peak Torque	614 N·m@1,500 rpm
Number of Cylinders	6
Displacement	5.9 L

## UNDERCARRIAGE

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

## DIMENSIONS

A Shipping Length	9,540 mm
B Shipping Height	3,140 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	4,440 mm
G Overall Width of Upper Structure	2,740 mm
H Tail Swing Radius	2,780 mm
I Counterweight Ground Clearance	1,070 mm
J Overall Height of Cab	3,040 mm
K Min. Ground Clearance	440 mm



## WORKING RANGE

Boom Length	5,710 mm
Arm Length	2,915 mm
A Max. Digging Reach	9,870 mm
B Max. Digging Reach on Ground	9,685 mm
C Max. Digging Depth	6,562 mm
D Max. Digging Depth, 2.5 m (8') level	6,390 mm
E Max. Vertical Wall Digging Depth	5,080 mm
F Max. Cutting Height	9,945 mm
G Max. Dumping Height	7,170 mm
H Min. Front Swing Radius	3,090 mm

## HYDRAULIC SYSTEM

Main Pumps Total Flow	2 x 224 L/min
Relief Pressure, main	34.3 MPa

## SERVICE CAPACITIES

Fuel Tank	420 L
Engine Oil	25 L
Cooling System	25 L
Hydraulic Reservoir	210 L
Hydraulic System Total	330 L

Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China  
T: +86 772 3886124 E: overseas@liugong.com  
www.liugong.com

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.

09/2021 Designed by LiuGong  
Replace the previous versions of 12/2020