

925E

EXCAVATOR

Engine

Cummins QSB6.7 Tier 4 Final

Gross Power

190 hp (142 kW)

Operating Weight

57,540 lb (26,100 kg)

Bucket Capacity

1.5 yd³ (1.2 m³)

Maximum Digging Depth

22 ft 8 in (6,925 mm)



 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

925E SPECIFICATIONS >>>

ENGINE

Emissions rating	EPA Tier 4 Final / Stage IV
Make	Cummins
Model	QSB6.7
Gross power	190 hp (142 kW) @ 2,000 rpm
Net power	173 hp (129 kW) @ 2,000 rpm
Peak torque	597 lb-ft @ 1,500 rpm 809 N-m @ 1,500 rpm
Number of cylinders	6
Displacement	409 in ³ (6.7 L)

DRIVE AND BRAKES

Max. travel speed	High: 3.7 mph (6.0 km/h) Low: 2.2 mph (3.5 km/h)
Max. drawbar pull	51,481 lbf (229 kN)

UNDERCARRIAGE

Shoe width, triple grouser	31.5 in (800 mm)
Track shoe each side	51
Bottom rollers each side	9
Top rollers each side	2

HYDRAULIC SYSTEM

Main pumps total flow	2 x 63 gal/min (240 L/min)
Max. relief pressure, implement	4,975 psi (34.3 MPa)
Max. relief pressure, power boost	5,410 psi (37.3 MPa)

REFERENCE ARM

Arm length	9 ft 9 in (2.98 m)
Arm digging force, ISO - Power boost	30,124 lbf (134 kN)

WORKING RANGES

Max. digging depth	22 ft 8 in (6,925 mm)
Max. digging reach at ground level	33 ft 3 in (10,150 mm)
Max. digging depth 2.4 m (8 ft) level bottom	21 ft 11 in (6,675 mm)
Max. digging height	32 ft 7 in (9,940 mm)
Max. dumping height	22 ft 8 in (6,920 mm)
Max. vertical wall digging depth	19 ft 0 in (5,795 mm)

BUCKET PERFORMANCE

Bucket capacity	1.5 yd ³ (1.2 m ³)
Bucket digging force, ISO - Power boost	40,241 lbf (179 kN)

SERVICE CAPACITIES

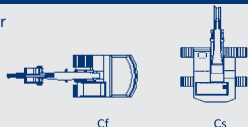
Fuel tank	124 gal (470 L)
Engine oil	6.6 gal (25 L)
Final drive (each)	1.5 gal (5.5 L)
Swing drive	1.2 gal (4.4 L)
Cooling system	7.9 gal (30 L)
Hydraulic reservoir	55.5 gal (210 L)
DEF tank	9.2 gal (35 L)

SWING SYSTEM

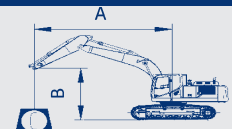
Swing speed	11.6 rpm
Swing torque	59,595 lb-ft (80,800 N-m)

925E WITH 800 MM (31.5 IN) SHOES, 2.98 M (9 FT 9 IN) ARM

- A: Reach from swing center
- B: Bucket hook height
- C: Lifting capacity
- Cf: Rating over front
- Cs: Rating over side



Conditions:
 Boom length: 19 ft 8 in (6.0 m)
 Arm length: 9 ft 9 in (2.98 m)
 Counterweight: 11,023 lb (5,000 kg)
 Shoes: 31.5 in (800 mm) triple grouser
 Bucket: SAE 1.5 yd³ (1.2 m³) 2,183 lb (990 kg)



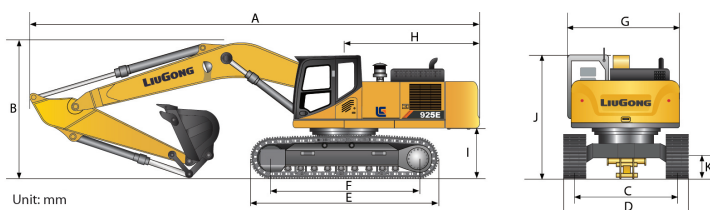
A Reach: m (ft)

B: Height ft		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.6 m (25 ft)		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Front	Side	Distance
25 ft	lb					*14,104	12,927			*13,924	8,791	21 ft
20 ft	lb					*14,382	11,710	10,824	6,380	10,824	6,380	25 ft
15 ft	lb					15,456	11,141	10,679	6,247	9,378	5,443	27 ft
10 ft	lb			23,800	12,927	14,744	11,055	10,370	5,965	8,666	4,951	28 ft
5 ft	lb			22,336	11,710	14,076	11,285	10,052	5,674	8,485	4,786	28 ft
0 ft	lb			21,655	11,141	13,641	11,865	9,828	5,469	8,370	4,680	28 ft
-5 ft	lb	*30,451	22,145	21,549	11,055	13,492	7,308	9,772	5,418	9,268	5,158	26 ft
-10 ft	lb	*43,948	22,729	21,825	11,285	13,633	7,433			11,155	6,199	23 ft
-15 ft	lb	*36,351	23,772	22,522	11,865					15,326	8,492	19 ft

1. * Indicates the load is limited by hydraulic capacity rather than the tipping load.

2. The above loads are in compliance with the ISO 10567 hydraulic rating standard. They do not exceed 87% of the hydraulic lifting capacity of 75% tipping load.

3. Rating at bucket lift hook.



DIMENSIONS

A	33 ft 6 in (10,210 mm)	G	9 ft 1 in (2,760 mm)
B	11 ft 5 in (3,480 mm)	H	9 ft 11 in (3,010 mm)
C	8 ft 6 in (2,590 mm)	I	3 ft 6 in (1,055 mm)
D	11 ft 1 in (3,390 mm)	J	10 ft 0 in (3,050 mm)
E	15 ft 2 in (4,635 mm)	K	1 ft 5 in (440 mm)
F	12 ft 7 in (3,840 mm)		

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

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