# 922E
## EXCAVATOR

**Engine**
Cummins QSB6.7 Tier 4 Final

**Gross Power**
173 hp (129 kW)

**Operating Weight**
51,522 lb (23,370 kg)

**Bucket Capacity**
1.3 yd³ (1.0 m³)

**Maximum Digging Depth**
21 ft 6 in (6,562 mm)

LIUGONG NORTH AMERICA
XtraCare Warranty
3 YEAR/4000 HOUR - FULL MACHINE
+
5 YEAR/7000 HOUR
POWERTRAIN & HYDRAULICS
TERMS & CONDITIONS APPLY

LIUGONG

TOUGH WORLD. TOUGH EQUIPMENT.

# 922E SPECIFICATIONS >>>

| ENGINE | |
|---|---|
| Emissions rating | EPA Tier 4 Final / Stage IV |
| Make | Cummins |
| Model | QSB6.7 |
| Gross power | 173 hp (129 kW) @ 2,100 rpm |
| Net power | 160 hp (119 kW) @ 2,100 rpm |
| Peak torque | 597 lb-ft @ 1,500 rpm<br>(809 N-m @ 1,500 rpm) |
| Number of cylinders | 6 |
| Displacement | 409 in³ (6.7 L) |

| DRIVE AND BRAKES | |
|---|---|
| Max. travel speed | High: 3.5 mph (5.6 km/h)<br>Low: 2.0 mph (3.3 km/h) |
| Max. drawbar pull | 49,458 lbf (220 kN) |

| UNDERCARRIAGE | |
|---|---|
| Shoe width, triple grouser | 31.5 in (800 mm) |
| Track shoe each side | 49 |
| Bottom rollers each side | 9 |
| Top rollers each side | 2 |

| HYDRAULIC SYSTEM | |
|---|---|
| Main pumps total flow | 2 x 59 gal/min (224 L/min) |
| Relief pressure, implement | 4,975 psi (34.3 MPa) |
| Relief pressure, power boost | 5,410 psi (37.3 MPa) |

| REFERENCE ARM | |
|---|---|
| Arm length | 9 ft 6 in (2.9 m) |
| Arm digging force, ISO - Power boost | 23,605 lbf (105 kN) |

| WORKING RANGES | |
|---|---|
| Max. digging depth | 21 ft 6 in (6,562 mm) |
| Max. digging reach at ground level | 31 ft 7 in (9,685 mm) |
| Max. digging depth 2.4 m (8 ft) level bottom | 21 ft 0 in (6,390 mm) |
| Max. digging height | 32 ft 8 in (9,945 mm) |
| Max. dumping height | 23 ft 6 in (7,170 mm) |
| Max. vertical wall digging depth | 16 ft 8 in (5,080 mm) |

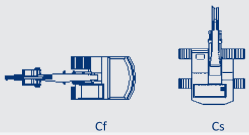
| BUCKET PERFORMANCE | |
|---|---|
| Bucket capacity | 1.3 yd³ (1.0 m³) |
| Bucket digging force, ISO - Power boost | 34,171 lbf (152 kN) |

| SERVICE CAPACITIES | |
|---|---|
| Fuel tank | 111 gal (420 L) |
| Engine oil | 6.6 gal (25 L) |
| Final drive (each) | 1.5 gal (5.5 L) |
| Swing drive | 0.9 gal (3.4 L) |
| Cooling system | 6.6 gal (25 L) |
| Hydraulic reservoir | 55.5 gal (210 L) |
| DEF tank | 9.2 gal (35 L) |

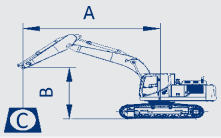
| SWING SYSTEM | |
|---|---|
| Swing speed | 11.4 rpm |
| Swing torque | 57,677 lb-ft (78,200 N-m) |

## 922E WITH 800 MM (31.5 IN) SHOES, 2.9 M (9 FT 6 IN) ARM

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



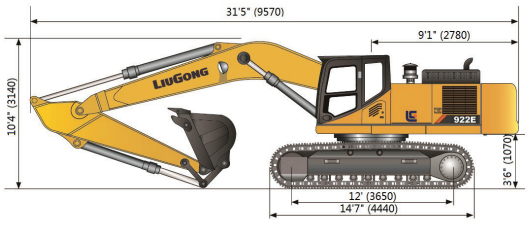

Conditions:
Boom length: 18 ft 8 in (5.7 m)
Arm length: 9 ft 6 in (2.9 m)
Counterweight: 9,480 lb (4,300 kg)
Shoes: 31.5 in (800 mm) triple grouser
Bucket: SAE 1.3 yd³ (1.0 m³), 1,956 lb (887 kg)

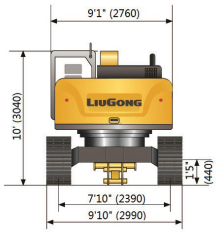



**A Reach: m (ft)**

| B: Height ft | | 3.0 m (10 ft) | | 4.6 m (15 ft) | | 6.1 m (20 ft) | | 7.6 m (25 ft) | | MAX REACH | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Front | Side | Distance |
| 25 ft | lb | | | | | *8,113 | *8,113 | | | *6,570 | *6,570 | 21 ft |
| 20 ft | lb | | | | | *8,201 | *8,201 | | | *6,328 | 5,379 | 25 ft |
| 15 ft | lb | | | | | *9,524 | 8,003 | *9,149 | 5,137 | *6,724 | 4,365 | 27 ft |
| 10 ft | lb | *23,148 | *23,148 | *14,750 | 12,147 | *11,640 | 7,430 | 9,215 | 4,872 | *7,275 | 3,814 | 28 ft |
| 5 ft | lb | *33,642 | 20,591 | *19,270 | 10,891 | 13,029 | 6,856 | 8,907 | 4,586 | 7,121 | 3,549 | 28 ft |
| 0 ft | lb | *37,104 | 19,599 | 20,480 | 10,119 | 12,522 | 6,393 | 8,642 | 4,343 | 7,253 | 3,594 | 27 ft |
| -5 ft | lb | *36,950 | 19,570 | 20,120 | 9,810 | 12,258 | 6,173 | 8,532 | 4,255 | 7,959 | 3,946 | 26 ft |
| -10 ft | lb | *34,590 | 19,952 | 20,210 | 9,899 | 12,280 | 6,195 | | | 9,634 | 4,850 | 23 ft |
| -15 ft | lb | *29,388 | 20,767 | *19,930 | 10,317 | | | | | 14,154 | 7,253 | 19 ft |

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

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01/2020 Designed by LiuGong

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