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LIUGONG

# 920D
## Excavator

| | |
|---|---|
| **Engine** | Cummins |
| **Gross Power** | 112 kW (152 hp) @ 1,950 rpm |
| **Net Power** | 102 kW (139 hp) @ 1,950 rpm |
| **Maximum Digging Depth** | 6,615 mm |
| **Standard Bucket Capacity** | 0.88 $m^3$ |
| **Operating Weight** | 20,500 kg |

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# 920D
# Excavator

## ENGINE

| | |
|---|---|
| Emission Regulation | Tier 2 / Stage II |
| Make | Cummins |
| Gross Power | 112 kW (152 hp) @ 1,950 rpm |
| Net Power | 102 kW (139 hp) @ 1,950 rpm |
| Peak Torque | 614 N · m @ 1,500 rpm |
| Number of Cylinders | 6 |
| Displacement | 5.9 L |

## TRACK DRIVE

| | |
|---|---|
| Maximum Travel Speed | 4.9 km/h |
| Gradeability | 70 % |
| Drawbar Pull | 195 kN |

## UNDERCARRIAGE

| | |
|---|---|
| Shoe Width | 600 mm |
| Number of Shoes per Side | 46 |
| Number of Bottom Rollers per Side | 7 |
| Number of Upper Rollers per Side | 2 |

## HYDRAULIC SYSTEM

| | |
|---|---|
| Main Pumps Total Flow | 420 L/min |
| Relief Pressure, main | 31.8 MPa |
| Relief Pressure, boost | 33.3 MPa |
| Pilot Pump Flow | 19.5 L/min |

## SWING SYSTEM

| | |
|---|---|
| Swing Speed | 12 rpm |

## REFERENCE ARM

| | |
|---|---|
| Arm Length | 2,910 mm |
| Arm Breakout Force, normal, ISO | 95 kN |
| Arm Breakout Force, boost, ISO | 103 kN |

## WORKING RANGES

| | |
|---|---|
| Maximum Dig Depth | 6,615 mm |
| Reach at Ground Level | 9,705 mm |
| Depth of 8′ Level Bottom | 6,410 mm |
| Maximum Dig Height | 9,540 mm |
| Dump Height | 6,770 mm |
| Maximum Dig Depth of Vertical Wall | 5,655 mm |

## BUCKET PERFORMANCE

| | |
|---|---|
| Standard Bucket Heaped Capacity (Referenced) | 0.88 $m^3$ |
| Minimum Heaped Capacity of Bucket Options | 0.73 $m^3$ |
| Maximum Heaped Capacity of Bucket Options | 1 $m^3$ |
| Bucket Breakout Force, normal, ISO | 145 kN |
| Bucket Breakout Force, boost, ISO | 159 kN |

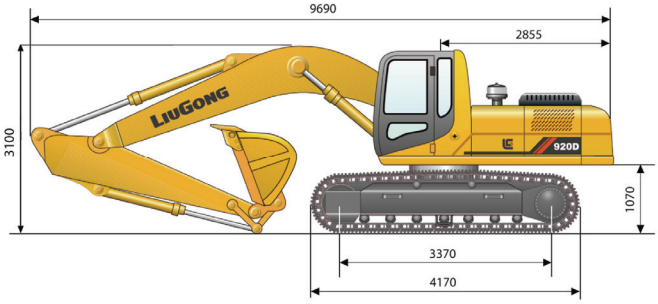
## SERVICE CAPACITIES

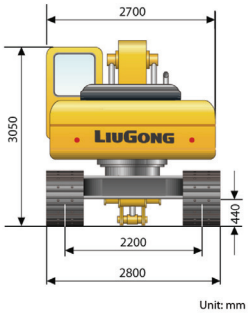
| | |
|---|---|
| Fuel Tank | 412 L |
| Engine Oil | 25 L |
| Cooling System | 30 L |
| Hydraulic Reservoir | 230 L |
| Hydraulic System Total | 330 L |

Bucket: SAE 0.88 $m^3$ , 900 kg  Boom: 5,680 mm  Arm: 2,910 mm  Shoes: 600 mm  Counterweight: 4,300 kg

| Lift Point Height | | 3 m | | 4 m | | 5 m | | 6 m | | 7 m | | 8 m | | Max. Reach | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Front | Side | mm |
| 6 m | kg | | | | | | | | | ※3,218 | ※3,218 | | | ※3,291 | 2,830 | 7,455 |
| 5 m | kg | | | | | | | ※3,406 | ※3,406 | ※3,364 | 3,157 | ※3,403 | 2,414 | ※3,401 | 2,427 | 7,980 |
| 4 m | kg | | | | | ※4,227 | ※4,227 | ※3,865 | ※3,865 | ※3,642 | 3,062 | ※6,380 | 2,366 | ※3,524 | 2,195 | 8,295 |
| 3 m | kg | ※9,007 | ※9,007 | ※6,380 | ※6,380 | ※5,136 | ※5,136 | ※4,433 | 3,844 | ※4,003 | 2,947 | ※6,380 | 2,300 | 3,617 | 2,036 | 8,505 |
| 2 m | kg | ※12,122 | 10,586 | ※7,982 | 6,841 | ※6,088 | 4,873 | ※5,040 | 3,657 | ※4,400 | 2,829 | 3,954 | 2,228 | 3,486 | 1,937 | 8,610 |
| 1 m | kg | ※13,904 | 10,041 | ※9,260 | 6,451 | ※6,933 | 4,623 | ※5,607 | 3,494 | ※4,783 | 2,723 | 3,883 | 2,164 | 3,510 | 1,937 | 8,505 |
| 0 | kg | ※14,507 | 9,893 | ※10,056 | 6,239 | ※7,565 | 4,455 | 6,055 | 3,375 | 4,739 | 2,643 | 3,831 | 2,116 | 3,544 | 1,946 | 8,400 |
| -1 m | kg | ※14,523 | 9,901 | ※10,414 | 6,159 | ※7,943 | 4,368 | 5,976 | 3,305 | 4,687 | 2,596 | 3,808 | 2,095 | 3,746 | 2,059 | 8,085 |
| -2 m | kg | ※14,162 | 9,993 | ※10,411 | 6,170 | 8,011 | 4,350 | 5,954 | 3,286 | 4,678 | 2,589 | | | 4,076 | 2,251 | 7,665 |
| -3 m | kg | ※13,434 | 10,154 | ※10,066 | 6,250 | ※7,885 | 4,393 | 5,991 | 3,319 | 4,725 | 2,631 | | | 4,588 | 2,556 | 7,140 |
| -4 m | kg | | | ※9,320 | 6,398 | ※7,348 | 4,500 | 5,869 | 3,415 | | | | | ※5,470 | 3,181 | 6,300 |

1. ※ Indicates the load is limited by hydraulic capacity rather than tipping capacity.
2. The above rated loads are in compliance with ISO 10567 hydraulic excavator lift capacity rating standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.

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