

915E

EXCAVATOR

Engine

Cummins QSB4.5 Tier 4 Final

Gross Power

121 hp (90 kW)

Operating Weight

35,935 lb (16,300 kg)

Bucket Capacity

0.47 yd³ (0.36 m³)

Maximum Digging Depth

19 ft 3 in (5,870 mm)



TOUGH WORLD. TOUGH EQUIPMENT.

915E SPECIFICATIONS >>>

ENGINE

| | |
|---------------------|--|
| Emissions rating | EPA Tier 4 Final / Stage IV |
| Make | Cummins |
| Model | QSB4.5 |
| Gross power | 121 hp (90 kW) @ 2,200 rpm |
| Net power | 113 hp (84.3 kW) @ 2,200 rpm |
| Peak torque | 347 lb-ft @ 1,500 rpm (470 N-m @ 1,500 rpm) |
| Number of cylinders | 4 |
| Displacement | 275 in ³ (4.5 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 | 27,876 lbf (124 kN) |

UNDERCARRIAGE

| | |
|----------------------------|----------------|
| Shoe width, triple grouser | 24 in (600 mm) |
| Track shoe each side | 46 |
| Bottom rollers each side | 7 |
| Top rollers each side | 1 |

HYDRAULIC SYSTEM

| | |
|-----------------------------------|------------------------------|
| Main pumps total flow | 2 x 31.7 gal/min (120 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 6 in (2.9 m) |
| Arm digging force, ISO - Power boost | 15,737 lbf (70 kN) |

WORKING RANGES

| | |
|--|------------------------|
| Max. digging depth | 19 ft 3 in (5,870 mm) |
| Max. digging reach at ground level | 28 ft 3 in (8,620 mm) |
| Max. digging depth 2.4 m (8 ft) level bottom | 18 ft 7 in (5,670 mm) |
| Max. digging height | 29 ft 8 in (9,040 mm) |
| Max. dumping height | 21 ft 7 in (6,590 mm) |
| Max. vertical wall digging depth | 16 ft 11 in (5,160 mm) |

BUCKET PERFORMANCE

| | |
|---|---|
| Bucket capacity | 0.47 yd ³ (0.36 m ³) |
| Bucket digging force, ISO - Power boost | 21,784 lbf (96.9 kN) |

SERVICE CAPACITIES

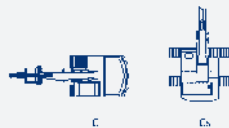
| | |
|---------------------|------------------|
| Fuel tank | 65 gal (245 L) |
| Engine oil | 2.9 gal (11 L) |
| Final drive (each) | 0.66 gal (2.5 L) |
| Swing drive | 0.79 gal (3.0 L) |
| Cooling system | 5.5 gal (21 L) |
| Hydraulic reservoir | 42.3 gal (160 L) |
| DEF tank | 4.5 gal (16.9 L) |

SWING SYSTEM

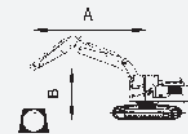
| | |
|--------------|---------------------------|
| Swing speed | 12.9 rpm |
| Swing torque | 59,595 lb-ft (80,800 N-m) |

915E WITH 600 MM (24.0 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: 15 ft 1 in (4.6 m)
 Arm length: 9 ft 6 in (2.9 m)
 Counterweight: 5,071 lb (2,300 kg)
 Shoes: 24.0 in (600 mm)
 Bucket: SAE 0.47 yd³ (0.36 m³), 860 lb (390 kg)



BLADE DOWN

A Reach: m (ft)

| B: Height (ft) | | 1.5 m (5 ft) | | 3 m (10 ft) | | 4.5 m (15 ft) | | 6 m (20 ft) | | MAX REACH | | |
|----------------|----|--------------|---------|-------------|---------|---------------|--------|-------------|--------|-----------|--------|------------|
| | | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Front | Side | Distance |
| 20 ft | lb | | | | | *5,975 | *5,975 | | | *3,351 | *3,351 | 17 ft 1 in |
| 15 ft | lb | | | | | *6,482 | *6,482 | *4,497 | *4,497 | *3,240 | *3,240 | 20 ft 3 in |
| 10 ft | lb | | | *11,133 | *11,133 | *8,003 | 7,408 | *6,724 | 4,519 | *2,756 | *2,756 | 22 ft 3 in |
| 5 ft | lb | | | *16,292 | 13,735 | *9,899 | 6,923 | *7,496 | 4,321 | *4,806 | 3,505 | 22 ft 3 in |
| 0 ft | lb | | | *18,254 | 13,095 | *11,177 | 6,570 | *8,025 | 4,145 | *3,748 | 3,395 | 22 ft 3 in |
| -5 ft | lb | *12,147 | *12,147 | *17,461 | 13,029 | *11,244 | 6,460 | *7,826 | 4,101 | *6,482 | 3,902 | 20 ft 3 in |
| -10 ft | lb | *19,290 | *19,290 | *14,639 | 13,228 | *9,634 | 6,526 | | | *7,804 | 5,225 | 17 ft 1 in |

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

