Caterpillar 215D LC Hydraulic Excavator



**Selected Dimensions**

Boom/Stick Option

|  |  |  |
| --- | --- | --- |
| A. Shipping Length of Unit | 29.3 ft in | 8930 mm |
| C. Shipping Height of Unit | 10.5 ft in | 3200 mm |
| I. Max Cutting Height | 26.3 ft in | 8010 mm |
| J. Max Loading Height | 18.3 ft in | 5590 mm |
| K. Max Reach Along Ground | 27.5 ft in | 8370 mm |
| L. Max Vertical Wall Digging Depth | 11.2 ft in | 3400 mm |
| M. Max Digging Depth | 17.1 ft in | 5210 mm |
| Dimensions | | |
| B. Width to Outside of Tracks | 7.9 ft in | 2419 mm |
| E. Ground Clearance | 1.5 ft in | 460 mm |
| G. Height to Top of Cab | 10.2 ft in | 3100 mm |
| H. Tail Swing Radius | 8.8 ft in | 2680 mm |
| O. Counterweight Clearance | 3.5 ft in | 1060 mm |
| Undercarriage | | |
| N. Shoe Size | 19.7 in | 500 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Caterpillar | |
| Model | 3304 | |
| Gross Power | hp | kw |
| Net Power | 125 hp | 93.2 kw |
| Power Measured @ | 1800 rpm | |
| Displacement | 427.2 cu in | 7 L |
| Number of Cylinders | 4 | |
| Aspiration | turbocharged | |
| Operational | | |
| Operating Weight | 43938.1 lb | 19930 kg |
| Fuel Capacity | 71.3 gal | 270 L |
| Cooling System Fluid Capacity | 7.1 gal | 27 L |
| Hydrauilc System Fluid Capacity | 79.3 gal | 300 L |
| Engine Oil Capacity | 5 gal | 19 L |
| Swing Drive Fluid Capacity | 7.7 gal | 29 L |
| Operating Voltage | 24 V | |
| Alternator Supplied Amperage | 50 amps | |
| Hydraulic System Relief Valve Pressure | 4800 psi | 33094.8 kPa |
| Hydraulic Pump Flow Capacity | 87.7 gal/min | 332 L/min |
| Swing Mechanism | | |
| Swing Speed | 6.7 rpm | |
| Undercarriage | | |
| Number of Shoes per Side | 51 | |
| Shoe Size | 19.7 in | 500 mm |
| Ground Pressure | 7.8 psi | 53.8 kPa |
| Max Travel Speed | 2.2 mph | 3.5 km/h |
| Drawbar Pull | 33046.9 lb | 147 kN |
| Track Gauge | 6.3 ft in | 1919 mm |
| Buckets | | |
| Reference Bucket Capacity | 1 yd3 | 0.76 m3 |
| Minimum Bucket Capacity | 0.6 yd3 | 0.46 m3 |
| Maximum Bucket Capacity | 1.4 yd3 | 1.1 m3 |
| Boom/Stick Option (HEX) 1 | | |
| Boom/Stick Option (HEX) 1 | Stick 5'11" (1800mm) | |
| Shipping Height of Unit | 10.5 ft in | 3200 mm |
| Shipping Length of Unit | 29.3 ft in | 8930 mm |
| Max Digging Depth | 17.1 ft in | 5210 mm |
| Max Reach Along Ground | 27.5 ft in | 8370 mm |
| Max Cutting Height | 26.3 ft in | 8010 mm |
| Max Loading Height | 18.3 ft in | 5590 mm |
| Max Vertical Wall Digging Depth | 11.2 ft in | 3400 mm |
| Boom/Stick Option (HEX) 2 | | |
| Boom/Stick Option (HEX) 2 | Stick 7'3" (2200mm) | |
| Shipping Height of Unit | 10.5 ft in | 3200 mm |
| Shipping Length of Unit | 29.3 ft in | 8940 mm |
| Max Digging Depth | 18.4 ft in | 5610 mm |
| Max Reach Along Ground | 28.4 ft in | 8670 mm |
| Max Cutting Height | 26 ft in | 7940 mm |
| Max Loading Height | 18.3 ft in | 5590 mm |
| Max Vertical Wall Digging Depth | 11.3 ft in | 3440 mm |
| Boom/Stick Option (HEX) 3 | | |
| Boom/Stick Option (HEX) 3 | Stick 9'2" (2800mm) | |
| Shipping Height of Unit | 11.1 ft in | 3380 mm |
| Shipping Length of Unit | 29.4 ft in | 8970 mm |
| Max Digging Depth | 20.4 ft in | 6210 mm |
| Max Reach Along Ground | 30.3 ft in | 9230 mm |
| Max Cutting Height | 26.9 ft in | 8190 mm |
| Max Loading Height | 19.2 ft in | 5840 mm |
| Max Vertical Wall Digging Depth | 12.9 ft in | 3940 mm |
| Dimensions | | |
| Width to Outside of Tracks | 7.9 ft in | 2419 mm |
| Height to Top of Cab | 10.2 ft in | 3100 mm |
| Ground Clearance | 1.5 ft in | 460 mm |
| Counterweight Clearance | 3.5 ft in | 1060 mm |
| Tail Swing Radius | 8.8 ft in | 2680 mm |