**Caterpillar 330D L Hydraulic Excavator**



**Selected Dimensions**

Boom/Stick Option

|  |  |  |
| --- | --- | --- |
| A. Shipping Length of Unit | 36.8 ft in | 11200 mm |
| C. Shipping Height of Unit | 11.9 ft in | 3630 mm |
| I. Max Cutting Height | 35.3 ft in | 10749 mm |
| J. Max Loading Height | 24.8 ft in | 7542 mm |
| K. Max Reach Along Ground | 38.4 ft in | 11714 mm |
| L. Max Vertical Wall Digging Depth | 23.5 ft in | 7152 mm |
| M. Max Digging Depth | 26.8 ft in | 8185 mm |
| Dimensions | | |
| B. Width to Outside of Tracks | 11.1 ft in | 3390 mm |
| E. Ground Clearance | 1.5 ft in | 450 mm |
| G. Height to Top of Cab | 10.3 ft in | 3140 mm |
| H. Tail Swing Radius | 11.5 ft in | 3500 mm |
| O. Counterweight Clearance | 4 ft in | 1220 mm |
| Undercarriage | | |
| F. Track Gauge | 8.5 ft in | 2590 mm |
| N. Shoe Size | 32 in | 800 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Caterpillar | |
| Model | C9 ACERT | |
| Net Power | 270 hp | 201.3 kw |
| Power Measured @ | 1800 rpm | |
| Displacement | 537 cu in | 8.8 L |
| Operational | | |
| Operating Weight | 79700 lb | 36151 kg |
| Fuel Capacity | 163.8 gal | 620 L |
| Cooling System Fluid Capacity | 10.6 gal | 40 L |
| Hydrauilc System Fluid Capacity | 108.3 gal | 410 L |
| Engine Oil Capacity | 10.6 gal | 40 L |
| Swing Drive Fluid Capacity | 3 gal | 11.4 L |
| Operating Voltage | 24 V | |
| Alternator Supplied Amperage | 65 amps | |
| Hydraulic System Relief Valve Pressure | 5221 psi | 36000 kPa |
| Hydraulic Pump Flow Capacity | 147.9 gal/min | 560 L/min |
| Swing Mechanism | | |
| Swing Speed | 10 rpm | |
| Swing Torque | 80142 lb ft | 108700 Nm |
| Undercarriage | | |
| Number of Shoes per Side | 49 | |
| Shoe Size | 32 in | 800 mm |
| Number of Carrier Rollers per Side | 2 | |
| Number of Track Rollers per Side | 9 | |
| Max Travel Speed | 3.1 mph | 5 km/h |
| Drawbar Pull | 67443 lb | 300 kN |
| Track Gauge | 8.5 ft in | 2590 mm |
| Buckets | | |
| Reference Bucket Capacity | 1.6 yd3 | 1.2 m3 |
| Minimum Bucket Capacity | 0.97 yd3 | 0.74 m3 |
| Maximum Bucket Capacity | 3.3 yd3 | 2.6 m3 |
| Boom/Stick Option (HEX) 1 | | |
| Boom/Stick Option (HEX) 1 | Boom 21'4" (6500mm) / Stick 12'10" (3900mm) -Reach | |
| Shipping Height of Unit | 11.9 ft in | 3630 mm |
| Shipping Length of Unit | 36.8 ft in | 11200 mm |
| Max Digging Depth | 26.8 ft in | 8185 mm |
| Max Reach Along Ground | 38.4 ft in | 11714 mm |
| Max Cutting Height | 35.3 ft in | 10749 mm |
| Max Loading Height | 24.8 ft in | 7542 mm |
| Max Vertical Wall Digging Depth | 23.5 ft in | 7152 mm |
| Boom/Stick Option (HEX) 2 | | |
| Boom/Stick Option (HEX) 2 | Boom 21'4" (6500mm) / Stick 10'6" (3200mm) -Reach | |
| Shipping Height of Unit | 11 ft in | 3350 mm |
| Shipping Length of Unit | 36.6 ft in | 11150 mm |
| Max Digging Depth | 24.6 ft in | 7485 mm |
| Max Reach Along Ground | 36.1 ft in | 11007 mm |
| Max Cutting Height | 33.7 ft in | 10272 mm |
| Max Loading Height | 23.3 ft in | 7108 mm |
| Max Vertical Wall Digging Depth | 20.1 ft in | 6131 mm |
| Boom/Stick Option (HEX) 3 | | |
| Boom/Stick Option (HEX) 3 | Boom 20'3" (6180mm) / Stick 8'4" (2550mm) -Mass | |
| Shipping Height of Unit | 11.8 ft in | 3580 mm |
| Shipping Length of Unit | 35.8 ft in | 10910 mm |
| Max Digging Depth | 21.8 ft in | 6633 mm |
| Max Reach Along Ground | 33.6 ft in | 10242 mm |
| Max Cutting Height | 32.9 ft in | 10023 mm |
| Max Loading Height | 21.8 ft in | 6629 mm |
| Max Vertical Wall Digging Depth | 14.5 ft in | 4421 mm |
| Dimensions | | |
| Width to Outside of Tracks | 11.1 ft in | 3390 mm |
| Height to Top of Cab | 10.3 ft in | 3140 mm |
| Ground Clearance | 1.5 ft in | 450 mm |
| Counterweight Clearance | 4 ft in | 1220 mm |
| Tail Swing Radius | 11.5 ft in | 3500 mm |