CATERPILLAR 320c l Hydraulic Excavator



**Selected Dimensions**

Boom/Stick Option

|  |  |  |
| --- | --- | --- |
| A. Shipping Length of Unit | 32.9 ft in | 10042 mm |
| C. Shipping Height of Unit | 9.9 ft in | 3011 mm |
| I. Max Cutting Height | 35.6 ft in | 10850 mm |
| J. Max Loading Height | 25.2 ft in | 7690 mm |
| K. Max Reach Along Ground | 30.7 ft in | 9350 mm |
| L. Max Vertical Wall Digging Depth | 10.8 ft in | 3280 mm |
| M. Max Digging Depth | 13.6 ft in | 4160 mm |
| Dimensions | | |
| B. Width to Outside of Tracks | 9.8 ft in | 2980 mm |
| D. Length of Track on Ground | 12 ft in | 3650 mm |
| E. Ground Clearance | 1.5 ft in | 460 mm |
| G. Height to Top of Cab | 9.7 ft in | 2950 mm |
| H. Tail Swing Radius | 9.1 ft in | 2770 mm |
| Undercarriage | | |
| F. Track Gauge | 7.8 ft in | 2380 mm |
| N. Shoe Size | 23.6 in | 600 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Caterpillar | |
| Model | ATAAC engine 3066 | |
| Gross Power | 138 hp | 102.9 kw |
| Operational | | |
| Operating Weight | 47972.6 lb | 21760 kg |
| Engine Oil Capacity | 7 gal | 26.5 L |
| Undercarriage | | |
| Shoe Size | 23.6 in | 600 mm |
| Max Travel Speed | 3.4 mph | 5.5 km/h |
| Drawbar Pull | 44062.6 lb | 196 kN |
| Track Gauge | 7.8 ft in | 2380 mm |
| Buckets | | |
| Reference Bucket Capacity | 1 yd3 | 0.8 m3 |
| Minimum Bucket Capacity | 0.62 yd3 | 0.47 m3 |
| Maximum Bucket Capacity | 1.8 yd3 | 1.3 m3 |
| Boom/Stick Option (HEX) 1 | | |
| Boom/Stick Option (HEX) 1 | boom w/ stick R1.9C 1900mm | |
| Shipping Height of Unit | 9.9 ft in | 3011 mm |
| Shipping Length of Unit | 32.9 ft in | 10042 mm |
| Max Digging Depth | 13.6 ft in | 4160 mm |
| Max Reach Along Ground | 30.7 ft in | 9350 mm |
| Max Cutting Height | 35.6 ft in | 10850 mm |
| Max Loading Height | 25.2 ft in | 7690 mm |
| Max Vertical Wall Digging Depth | 10.8 ft in | 3280 mm |
| Boom/Stick Option (HEX) 2 | | |
| Boom/Stick Option (HEX) 2 | boom w/ stick R2.5B 2500mm | |
| Shipping Height of Unit | 9.9 ft in | 3011 mm |
| Shipping Length of Unit | 31.9 ft in | 9710 mm |
| Max Digging Depth | 15.1 ft in | 4600 mm |
| Max Reach Along Ground | 32.2 ft in | 9820 mm |
| Max Cutting Height | 36.9 ft in | 11250 mm |
| Max Loading Height | 27.8 ft in | 8480 mm |
| Max Vertical Wall Digging Depth | 12.3 ft in | 3760 mm |
| Boom/Stick Option (HEX) 3 | | |
| Boom/Stick Option (HEX) 3 | boom w/ stick R2.9B 2900mm | |
| Shipping Height of Unit | 9.9 ft in | 3011 mm |
| Shipping Length of Unit | 31.8 ft in | 9692 mm |
| Max Digging Depth | 16.5 ft in | 5020 mm |
| Max Reach Along Ground | 33.6 ft in | 10240 mm |
| Max Cutting Height | 38.1 ft in | 11620 mm |
| Max Loading Height | 29.2 ft in | 8900 mm |
| Max Vertical Wall Digging Depth | 13.6 ft in | 4160 mm |
| Boom/Stick Option (HEX) 4 | | |
| Boom/Stick Option (HEX) 4 | boom w/ stick R3.9B 3900mm | |
| Shipping Height of Unit | 13.3 ft in | 4057 mm |
| Shipping Length of Unit | 30.7 ft in | 9371 mm |
| Max Digging Depth | 19.6 ft in | 5960 mm |
| Max Reach Along Ground | 36.5 ft in | 11140 mm |
| Max Cutting Height | 40.6 ft in | 12390 mm |
| Max Loading Height | 31.6 ft in | 9640 mm |
| Max Vertical Wall Dig Depth | 16.6 ft in | 5060 mm |
| Dimensions | | |
| Width to Outside of Tracks | 9.8 ft in | 2980 mm |
| Height to Top of Cab | 9.7 ft in | 2950 mm |
| Ground Clearance | 1.5 ft in | 460 mm |
| Tail Swing Radius | 9.1 ft in | 2770 mm |
| Length of Track on Ground | 12 ft in | 3650 mm |