**Caterpillar 225 Hydraulic Excavator**



**Selected Dimensions**

Boom/Stick Option

|  |  |  |
| --- | --- | --- |
| I. Max Cutting Height | 28.2 ft in | 8600 mm |
| J. Max Loading Height | 19.1 ft in | 5820 mm |
| K. Max Reach Along Ground | 30.3 ft in | 9240 mm |
| L. Max Vertical Wall Digging Depth | 12.2 ft in | 3710 mm |
| M. Max Digging Depth | 19.6 ft in | 5970 mm |
| Dimensions | | |
| B. Width to Outside of Tracks | 10.3 ft in | 3125 mm |
| D. Length of Track on Ground | 12.8 ft in | 3916 mm |
| E. Ground Clearance | 1.2 ft in | 368 mm |
| G. Height to Top of Cab | 10.4 ft in | 3175 mm |
| H. Tail Swing Radius | 9.2 ft in | 2794 mm |
| O. Counterweight Clearance | 3.4 ft in | 1040 mm |
| Undercarriage | | |
| F. Track Gauge | 8 ft in | 2440 mm |
| N. Shoe Size | 21.7 in | 550 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Model | 3208 | |
| Gross Power | 135 hp | 100.7 kw |
| Displacement | 634.6 cu in | 10.4 L |
| Operational | | |
| Operating Weight | 51599.2 lb | 23405 kg |
| Fuel Capacity | 65 gal | 246 L |
| Hydraulic System Relief Valve Pressure | 1000 psi | 6894.8 kPa |
| Hydraulic Pump Flow Capacity | 111.8 gal/min | 423.2 L/min |
| Swing Mechanism | | |
| Swing Speed | 2.3 rpm | |
| Undercarriage | | |
| Shoe Size | 21.7 in | 550 mm |
| Drawbar Pull | 36700 lb | 163.2 kN |
| Track Gauge | 8 ft in | 2440 mm |
| Boom/Stick Option (HEX) 1 | | |
| Boom/Stick Option (HEX) 1 | one piece boom w/ stick 1900mm | |
| Max Digging Depth | 19.6 ft in | 5970 mm |
| Max Reach Along Ground | 30.3 ft in | 9240 mm |
| Max Cutting Height | 28.2 ft in | 8600 mm |
| Max Loading Height | 19.1 ft in | 5820 mm |
| Max Vertical Wall Digging Depth | 12.2 ft in | 3710 mm |
| Boom/Stick Option (HEX) 2 | | |
| Boom/Stick Option (HEX) 2 | one piece boom w/ stick 2440mm | |
| Max Digging Depth | 21.3 ft in | 6480 mm |
| Max Reach Along Ground | 31.4 ft in | 9580 mm |
| Max Cutting Height | 27.1 ft in | 8260 mm |
| Max Loading Height | 19 ft in | 5790 mm |
| Max Vertical Wall Digging Depth | 12.6 ft in | 3840 mm |
| Boom/Stick Option (HEX) 3 | | |
| Boom/Stick Option (HEX) 3 | one piece boom w/ stick 3060mm | |
| Max Digging Depth | 23.1 ft in | 7040 mm |
| Max Reach Along Ground | 33.3 ft in | 10160 mm |
| Max Cutting Height | 28.6 ft in | 8710 mm |
| Max Loading Height | 19.7 ft in | 5990 mm |
| Max Vertical Wall Digging Depth | 13.5 ft in | 4110 mm |
| Dimensions | | |
| Width to Outside of Tracks | 10.3 ft in | 3125 mm |
| Height to Top of Cab | 10.4 ft in | 3175 mm |
| Ground Clearance | 1.2 ft in | 368 mm |
| Counterweight Clearance | 3.4 ft in | 1040 mm |
| Tail Swing Radius | 9.2 ft in | 2794 mm |
| Length of Track on Ground | 12.8 ft in | 3916 mm |