**Case CX800 Hydraulic Excavator**



**Selected Dimensions**

**Boom/Stick Option**

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| --- | --- | --- |
| A. Shipping Length of Unit | 45.7 ft in | 13920 mm |
| C. Shipping Height of Unit | 20.3 ft in | 6200 mm |
| I. Max Cutting Height | 46.9 ft in | 14300 mm |
| J. Max Loading Height | 33.3 ft in | 10170 mm |
| K. Max Reach Along Ground | 51.1 ft in | 15860 mm |
| L. Max Vertical Wall Digging Depth | 29.9 ft in | 9110 mm |
| M. Max Digging Depth | 35 ft in | 10660 mm |
| **Dimensions** | | |
| B. Width to Outside of Tracks | 12.3 ft in | 3740 mm |
| D. Length of Track on Ground | 16.7 ft in | 5070 mm |
| E. Ground Clearance | 35 ft in | 890 mm |
| G. Height to Top of Cab | 12.4 ft in | 3790 mm |
| H. Tail Swing Radius | 14.1 ft in | 4300 mm |
| O. Counterweight Clearance | 63 ft in | 1590 mm |
| Undercarriage | | |
| F. Track Gauge | 11.9 ft in | 3640 mm |
| N. Shoe Size | 29.5 in | 750 mm |

**Specification**

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| --- | --- | --- |
| Engine | | |
| Make | Isuzu | |
| Model | 6WG1X | |
| Net Power | 495 hp | 369 kw |
| Power Measured @ | 1800 rpm | |
| Displacement | 958 cu in | 15.7 L |
| Torque Measured @ | 1500 rpm | |
| Max Torque | 1659 lb ft | 2249.3 Nm |
| Number of Cylinders | 6 | |
| Aspiration | turbocharged | |
| Operational | | |
| Operating Weight | 175210 lb | 79474 kg |
| Fuel Capacity | 238 gal | 900 L |
| Cooling System Fluid Capacity | 26.4 gal | 100 L |
| Hydrauilc System Fluid Capacity | 190 gal | 720 L |
| Engine Oil Capacity | 12.4 gal | 47 L |
| Swing Drive Fluid Capacity | 3.6 gal | 13.5 L |
| Operating Voltage | 24 V | |
| Alternator Supplied Amperage | 50 amps | |
| Hydraulic System Relief Valve Pressure | 4554 psi | 31398.7 kPa |
| Hydraulic Pump Flow Capacity | 264.2 gal/min | 1000 L/min |
| **Swing Mechanism** | | |
| Swing Speed | 7.6 rpm | |
| Undercarriage | | |
| Number of Shoes per Side | 51 | |
| Shoe Size | 29.5 in | 750 mm |
| Number of Carrier Rollers per Side | 3 | |
| Number of Track Rollers per Side | 9 | |
| Ground Pressure | 13.8 psi | 95.1 kPa |
| Max Travel Speed | 2.7 mph | 4.3 km/h |
| Drawbar Pull | 12229 lb | 544 kN |
| Track Gauge | 11.9 ft in | 3640 mm |
| Buckets | | |
| Reference Bucket Capacity | 4.8 yd3 | 3.7 m3 |
| Minimum Bucket Capacity | 2.5 yd3 | 1.9 m3 |
| Maximum Bucket Capacity | 5.9 yd3 | 4.5 m3 |
|  | | |
| **Boom/Stick Option (HEX) 1** | **Boom 27'7" (8400mm)/ Stick 18'5" (5620 mm)** | |
| Shipping Height of Unit | 20.3 ft in | 6200 mm |
| Shipping Length of Unit | 45.7 ft in | 13920 mm |
| Max Digging Depth | 35 ft in | 10660 mm |
| Max Reach Along Ground | 51.1 ft in | 15860 mm |
| Max Cutting Height | 46.9 ft in | 14300 mm |
| Max Loading Height | 33.3 ft in | 10170 mm |
| Max Vertical Wall Digging Depth | 29.9 ft in | 9110 mm |
|  | | |
| **Boom/Stick Option (HEX) 2** | **Boom 27'7" (8400mm)/ Stick 14'7" (4440 mm)** | |
| Shipping Height of Unit | 16.4 ft in | 5000 mm |
| Shipping Length of Unit | 46.9 ft in | 14320 mm |
| Max Digging Depth | 31.1 ft in | 9470 mm |
| Max Reach Along Ground | 48.2 ft in | 14680 mm |
| Max Cutting Height | 44.6 ft in | 13600 mm |
| Max Loading Height | 31.2 ft in | 9510 mm |
| Max Vertical Wall Digging Depth | 25.4 ft in | 7750 mm |
|  | | |
| **Boom/Stick Option (HEX) 3** | **Boom 27'7" (8400mm)/ Stick 12'0" (3660 mm)** | |
| Shipping Height of Unit | 15.7 ft in | 4800 mm |
| Shipping Length of Unit | 47.1 ft in | 14360 mm |
| Max Digging Depth | 28.5 ft in | 8690 mm |
| Max Reach Along Ground | 45.4 ft in | 13840 mm |
| Max Cutting Height | 42.3 ft in | 12910 mm |
| Max Loading Height | 29.3 ft in | 8920 mm |
| Max Vertical Wall Digging Depth | 21.3 ft in | 6440 mm |
|  | | |
| **Boom/Stick Option (HEX) 4** | **Boom 23'9" (7250mm)/ Stick 9'9" (2980 mm)** | |
| Shipping Height of Unit | 16.4 ft in | 5000 mm |
| Shipping Length of Unit | 43.3 ft in | 13210 mm |
| Max Digging Depth | 23.1 ft in | 7030 mm |
| Max Reach Along Ground | 39.3 ft in | 11990 mm |
| Max Cutting Height | 38.6 ft in | 11760 mm |
| Max Loading Height | 25.9 ft in | 7890 mm |
| Max Vertical Wall Dig Depth | 13.9 ft in | 4250 mm |
| **Dimensions** | | |
| Width to Outside of Tracks | 12.3 ft in | 3740 mm |
| Height to Top of Cab | 12.4 ft in | 3790 mm |
| Ground Clearance | 35 ft in | 890 mm |
| Counterweight Clearance | 63 ft in | 1590 mm |
| Tail Swing Radius | 14.1 ft in | 4300 mm |
| Length of Track on Ground | 16.7 ft in | 5070 mm |