Caterpillar 966D Wheel Loader

 

**Selected Dimensions**

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| Bucket |
| G. Dump Clearance at Max Raise | 9.9 ft in | 3018 mm |
| Dimensions |
| A. Length with Bucket on Ground | 25.6 ft in | 7814 mm |
| B. Width Over Tires | 9.4 ft in | 2865 mm |
| C. Height to Top of Cab | 11.7 ft in | 3560 mm |
| D. Wheelbase | 11 ft in | 3350 mm |
| E. Ground Clearance | 1.5 ft in | 451 mm |
| F. Hinge Pin - Max Height | 1.8 ft in | 560 mm |
| H. Reach at Max Lift and Dump | 3.6 ft in | 1090 mm |

**Specification**

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| Engine |
| Make | Caterpillar |
| Model | 3306 |
| Net Power | 199.8 hp | 149 kw |
| Displacement | 640.7 cu in | 10.5 L |
| Operational |
| Operating Weight | 43001.2 lb | 19505 kg |
| Fuel Capacity | 81.4 gal | 308 L |
| Hydrauilc System Fluid Capacity | 60.8 gal | 230 L |
| Static Tipping Weight | 30366.5 lb | 13774 kg |
| Turning Radius | 24 ft in | 7320 mm |
| Transmission |
| Number of Forward Gears | 4 |
| Number of Reverse Gears | 4 |
| Max Speed - Forward | 21.3 mph | 34.3 km/h |
| Max Speed - Reverse | 23.7 mph | 38.1 km/h |
| Hydraulic System |
| Raise Time | 6.3 sec |
| Dump Time | 2 sec |
| Lower Time | 3 sec |
| Bucket |
| Breakout Force |  lb | 216 kN |
| Dump Clearance at Max Raise | 9.9 ft in | 3018 mm |
| Bucket Width | 10 ft in | 3040 mm |
| Bucket Capacity - heaped | 4.1 yd3 | 3.1 m3 |
| Bucket Capacity - struck | 3.4 yd3 | 2.6 m3 |
| Dimensions |
| Length with Bucket on Ground | 25.6 ft in | 7814 mm |
| Width Over Tires | 9.4 ft in | 2865 mm |
| Height to Top of Cab | 11.7 ft in | 3560 mm |
| Ground Clearance | 1.5 ft in | 451 mm |
| Wheelbase | 11 ft in | 3350 mm |
| Hinge Pin - Max Height | 1.8 ft in | 560 mm |
| Reach at Max Lift and Dump | 3.6 ft in | 1090 mm |