CATERPILLAR 966c Wheel Loader

 

**Selected Dimensions**

|  |
| --- |
| Bucket |
| G. Dump Clearance at Max Raise | 9.7 ft in | 2950 mm |
| Dimensions |
| A. Length with Bucket on Ground | 22.4 ft in | 6830 mm |
| B. Width Over Tires | 9.1 ft in | 2770 mm |
| C. Height to Top of Cab | 11.7 ft in | 3560 mm |
| E. Ground Clearance | 1.3 ft in | 400 mm |
| F. Hinge Pin - Max Height | 13.7 ft in | 4165 mm |
| H. Reach at Max Lift and Dump | 2.6 ft in | 790 mm |

**Specification**

|  |
| --- |
| Engine |
| Make | Caterpillar |
| Model | 3306 |
| Net Power | 170 hp | 126.8 kw |
| Displacement | 640.7 cu in | 10.5 L |
| Operational |
| Operating Weight | 36900 lb | 16737.6 kg |
| Fuel Capacity | 65 gal | 246 L |
| Hydrauilc System Fluid Capacity | 52 gal | 197 L |
| Static Tipping Weight | 28153 lb | 12770 kg |
| Tire Size | 20.5-25 12 PR(L-3) |
| Transmission |
| Number of Forward Gears | 4 |
| Number of Reverse Gears | 4 |
| Max Speed - Forward | 23.6 mph | 38 km/h |
| Max Speed - Reverse | 28 mph | 45.1 km/h |
| Hydraulic System |
| Raise Time | 6.2 sec |
| Dump Time | 1.6 sec |
| Lower Time | 3.8 sec |
| Bucket |
| Breakout Force | 25578 lb | 113.8 kN |
| Dump Clearance at Max Raise | 9.7 ft in | 2950 mm |
| Bucket Width | 9.6 ft in | 2920 mm |
| Bucket Capacity - heaped | 4.1 yd3 | 3.1 m3 |
| Dimensions |
| Length with Bucket on Ground | 22.4 ft in | 6830 mm |
| Width Over Tires | 9.1 ft in | 2770 mm |
| Height to Top of Cab | 11.7 ft in | 3560 mm |
| Ground Clearance | 1.3 ft in | 400 mm |
| Hinge Pin - Max Height | 13.7 ft in | 4165 mm |
| Reach at Max Lift and Dump | 2.6 ft in | 790 mm |