**CATERPILLAR 777d Rock Truck**



**Selected Dimensions**

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| Dimensions |
| A. Overall Length | 32.1 ft in | 9780 mm |
| B. Overall Width | 20 ft in | 6100 mm |
| C. Overall Height | 16.4 ft in | 5000 mm |
| D. Wheelbase | 15 ft in | 4570 mm |
| E. Ground Clearance | 2.3 ft in | 700 mm |
| F. Dump Height | 32.7 ft in | 9970 mm |
| G. Dump Ground Clearance | 2.9 ft in | 872 mm |

**Specification**

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| Engine |
| Make | Caterpillar |
| Model | 3508A |
| Gross Power | 1000 hp | 745.7 kw |
| Net Power | 938 hp | 699.5 kw |
| Displacement | 2105.3 cu in | 34.5 L |
| Max Torque | 3476.1 lb ft | 4713 Nm |
| Torque Measured @ | 1300 rpm |
| Operational |
| Fuel Capacity | 300.4 gal | 1137 L |
| Cooling System Fluid Capacity | 85.9 gal | 325 L |
| Engine Oil Capacity | 32.8 gal | 124 L |
| Diff and Final Drive Fluid Capacity | 86.9 gal | 329 L |
| Steering System Fluid Capacity | 22.2 gal | 84 L |
| Brake/Hoist System Fluid Capacity | 109.6 gal | 415 L |
| Hydraulic System Fluid Capacity | 36.5 gal | 138 L |
| Transmission |
| Type | automatic power shift |
| Number of Gears - Forward | 7 |
| Number of Gears - Reverse | 1 |
| Max Speed | 37.5 mph | 60.4 km/h |
| Weights |
| Empty Weight | 155000 lb | 70306.8 kg |
| Loaded Weight | 355010.4 lb | 161030 kg |
| Weight Distribution Front - empty | 45.4 % |
| Weight Distribution Rear - empty | 54.6 % |
| Weight Distribution Front - loaded | 33.3 % |
| Weight Distribution Rear - loaded | 66.7 % |
| Dump |
| Rated Payload | 200000 lb | 90718.5 kg |
| Load Capacity - Struck | 54.9 yd3 | 42 m3 |
| Load Capacity - heaped | 79.1 yd3 | 60.5 m3 |
| Raise Time | 15 sec |
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