**Caterpillar 789 Rock Truck**

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**Selected Dimensions**

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| Dimensions |
| A. Overall Length | **40 ft in** | **12180 mm** |
| B. Overall Width | **24.1 ft in** | **7340 mm** |
| C. Overall Height | **20.2 ft in** | **6150 mm** |
| D. Wheelbase | **18.7 ft in** | **5700 mm** |
| F. Dump Height | **39.1 ft in** | **11910 mm** |

**Specification**

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| Engine |
| Make | **Caterpillar** |
| Model | **3516** |
| Gross Power | **1800 hp** | **1342.3 kw** |
| Net Power | **1705 hp** | **1271.4 kw** |
| Displacement | **4216.7 cu in** | **69.1 L** |
| Operational |
| Fuel Capacity | **851.2 gal** | **3222 L** |
| Tire Size | **37.00R57 (E-4)** |
| Transmission |
| Number of Gears - Forward | **6** |
| Max Speed | **33.6 mph** | **54 km/h** |
| Weights |
| Empty Weight | **268792 lb** | **121922 kg** |
| Loaded Weight | **699879.5 lb** | **317460 kg** |
| Weight Distribution Front - empty | **47 %** |
| Weight Distribution Rear - empty | **53 %** |
| Weight Distribution Front - loaded | **33 %** |
| Weight Distribution Rear - loaded | **67 %** |
| Dump |
| Rated Payload | **390000 lb** | **176901 kg** |
| Load Capacity - Struck | **95.5 yd3** | **73 m3** |
| Load Capacity - heaped | **137.3 yd3** | **105 m3** |
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