**Komatsu HD785-1 Rock Truck**



**Selected Dimensions**

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| Dimensions |
| A. Overall Length | 33.2 ft in | 10130 mm |
| B. Overall Width | 16.4 ft in | 5000 mm |
| C. Overall Height | 16 ft in | 4870 mm |
| D. Wheelbase | 15.6 ft in | 4750 mm |
| E. Ground Clearance | 2.6 ft in | 780 mm |
| F. Dump Height | 29.5 ft in | 9000 mm |
| G. Dump Ground Clearance | 3 ft in | 900 mm |
| Dump |
| H. Dump Angle | 64 degrees |   |

**Specification**

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| Engine |
| Make | Cummins |
| Model | KT-2300 |
| Gross Power | 900 hp | 671.1 kw |
| Net Power | 877 hp | 654 kw |
| Displacement | 2306.7 cu in | 37.8 L |
| Aspiration | turbocharged |
| Operational |
| Fuel Capacity | 327.6 gal | 1240 L |
| Cooling System Fluid Capacity | 63.4 gal | 240 L |
| Engine Oil Capacity | 39.6 gal | 150 L |
| Diff and Final Drive Fluid Capacity | 59.2 gal | 224 L |
| Hydraulic System Fluid Capacity | 121.5 gal | 460 L |
| Tire Size | 24.00-49-42PR |
| Transmission |
| Type | Komatsu TORQFLOW planetary gear |
| Number of Gears - Forward | 6 |
| Number of Gears - Reverse | 1 |
| Max Speed | 43.5 mph | 70 km/h |
| Weights |
| Empty Weight | 113538.1 lb | 51500 kg |
| Loaded Weight | 285619.9 lb | 129555 kg |
| Weight Distribution Front - empty | 48.2 % |
| Weight Distribution Rear - empty | 51.8 % |
| Weight Distribution Front - loaded | 32.3 % |
| Weight Distribution Rear - loaded | 67.7 % |
| Dump |
| Rated Payload | 171960.6 lb | 78000 kg |
| Load Capacity - heaped | 67.8 yd3 | 51.8 m3 |
| Dump Angle | 64 degrees |
| Dimensions |
| Overall Length | 33.2 ft in | 10130 mm |
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