

HD785-8 mechanical haul truck

*Media fact sheet*

A yellow dump truck on a dirt road

Description automatically generatedWith a rated payload of 101.6 U.S. tons, the HD785-8 is ready to produce in mining and quarry applications. The mechanical haul truck offers excellent speed-on-grade while the oil-cooled, wet multiple-disc brakes on the front and rear wheels provide excellent brake-retarding capability when descending grades.

The HD785-8 mechanical haul truck is designed for high production with low fuel consumption.

Its variable horsepower control system is designed to deliver high production with low fuel consumption by automatically detecting whether the machine is loaded or unloaded and selecting the best horsepower setting. By automatically selecting a gear position depending on grade, speed and acceleration, Komatsu Advanced Transmission with Optimum Modulation Control System (K-ATOMiCS) helps avoid unnecessary fuel consumption, reduce material spillage and provide a smoother ride for operators.

KomVision provides the operator with a 360-degree view of the surrounding work area and the Integrated Payload Meter (PLM) manages the payload of each hauling cycle by analyzing the production volume and working conditions of the machine to promote productivity and control life cycle costs of the truck.

**Quick specs**

* Net horsepower: 1,140 @ 1,900 rpm
* Rated gross vehicle weight: 365,967 lbs.
* Rated payload: 101.6 tons
* Rated Capacity: (SAE Heaped 2:1): 78.5 yd³ (60 m³)

**Quick benefits**

* 101.6 U.S. ton-rated payload/78.5 yd³ V-shape dump body
* 33'2" turning radius due to the MacPherson-strut-type independent suspension
* Wet disc brakes on all four corners delivering 1,770 HP of retarder-absorption capacity