



Cat[®] Mine-Specific (MSD II) Body - 789

Overview

Each Mine-Specific (MSD II) body design begins with a detailed mine site profile to develop a body suitable for a mine's individual needs. Selecting the right body depends on material and mine-specific conditions. The better the match of body to application, the greater the efficiency. Caterpillar offers a variety of body systems, attachments, and custom design services to match site specific applications and provide low cost-per-ton hauling solutions.

Key Features

- **Productive**—Increased payload potential with average 14.5% weight reduction vs. typical Dual Slope Body
- **Versatile**—The most customizable body, offering numerous application-specific configurations
- **Efficient**—Cat Truck Bodies are ideally sized and designed to work as part of a complete hauling system, helping you achieve high productivity and low cost per ton

KEY SPECIFICATIONS	
Capacity as per ISO 6483:1980 (SAE 2:1)	130-153 m ³ (170-200 yd ³)
Starting base body weight	24 000-25 200 kg (55,500-58,200 lbs)
Life expectancy	40,000 hours (1-2 rebuild/reline cycles)

ADDITIONAL SPECIFICATIONS	
Model Availability	789 (all vintages)
Standard Configuration Base Body Weight	24 000-25 200 kg (55,500-58,200 lbs)
Typical liner weight (range)	7 000 kg (13,000 lbs)
Heated/Non-Heated	Heated Available
Ideal Site / Maintenance Application	Established mine prioritizing payload over durability
Dump Clearance*	1.3 m (4 ft 5 inch)
Application	All ferrous and non-ferrous material, overburden
Liner options (Rock box, tumbler bars, smooth plate, chromium carbide overlay)	Rock box, smooth plate, impact plate
Liner Material	450 BHN

*Dump clearance is based on standard tires; will change with larger tires