



Cat[®] High Performance (HP) Body - 789 Trucks

Overview

The Cat[®] High Performance (HP) Body is a blend of lightweight design and durability for high payload potential and long life. A canopy with overhead coverage plus perimeter reinforcement from the rear rib through the top rail adds strength and durability. Patented floating bolsters and spring plates replace welds in high stress areas, improving durability. Thick base plates reduce the need for heavy liners. Curved front and side transitions minimize carryback, while a kick-up at the tail provides material retention and offers the highest available dump clearance.

Key Features

- **Productive**—There is up to 1.5% higher payload potential with HP Body than MSD II Body due to 7.5% weight reduction (with typical liner).
- **Versatile**—The ideal blend of light weight and durability, the HP body is designed for use in any application
- **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) | 143-153 m ³ (187-200 yd ³) |
| Starting base body weight | 26 200-28 300 kg (57,750-62,400 lbs) |
| Life expectancy | Over 40,000 hours (1-2 rebuild/reline cycles) |

| ADDITIONAL SPECIFICATIONS | |
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| Model Availability | 789 (all vintages) |
| Standard Configuration Base Body Weight | 26 200 kg (57,750 lbs) |
| Typical liner weight (range) | 637 kg (1,400 lbs) |
| Heated/Non-Heated | Heated Available |
| Ideal Site / Maintenance Application | Blend of durability, payload and versatility |
| Dump Clearance* | 1.59 m (5 ft 2 inch) |
| Application | All ferrous and non-ferrous material, overburden |
| Liner options (Rock box, tumbler bars, smooth plate, chromium carbide overlay) | Tumbler bar, smooth plate, impact plate |
| Liner Material | 450-500 BHN |

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