



# Cat<sup>®</sup> High Performance (HP) Body - 785 Trucks

## Overview

The Cat<sup>®</sup> 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 high dump clearance.

## Key Features

- **Productive**—HP body is lightweight compared with MSD II body (with typical liner configuration) and Dual slope body by 14%. There is up to 2.5% higher payload potential with HP than MSD II (with typical liner configuration) and Dual slope body
- **Versatile**—Ideal blend of light weight and durability along with variable base plate thickness options, the HP body is designed to 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)	76-110 m <sup>3</sup> (99-144 yd <sup>3</sup> )
Starting base body weight	19 550-20 360 kg (43,100-44,886 lbs)
Life expectancy	Over 40,000 hours (1-2 rebuild/reline cycles)

ADDITIONAL SPECIFICATIONS	
Model Availability	785 (all vintages)
Standard Configuration Base Body Weight	19 550 kg (43,100 lbs)
Typical liner weight (range)	1 000 kg (2,205 lbs)
Heated/Non-Heated	Heated Available
Ideal Site / Maintenance Application	Blend of durability, payload and versatility
Dump Clearance*	-for Capacity 76 cum (w/o tail kickup) 1.14 m (3 ft 9 inch) -for Capacity 85-110 cum (w/ tail kickup) 1.36 m (4 ft 5 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