



High load dump body



The next generation of haulage body performance

The dump body is one of the most critical productivity drivers on your haul truck fleet. Komatsu High Load dump bodies are engineered to help mining operations maximize payload efficiency, reduce fuel consumption, and extend asset life across multiple rebuild cycles.

Designed through decades of haulage application experience and validated in high-hour mining operations globally, Komatsu bodies deliver measurable lifecycle value — not just structural durability.

Increased productivity

- Optimized structural design improves payload efficiency without unnecessary dead weight
- Engineered geometry supports improved load centering and balanced material distribution
- Lower dumping angle supports faster cycle times and increased haul cycles per hour
- Higher floor angle enhances load retention and reduces material spillage

Lower total cost of ownership

- Designed to achieve approximately 30,000 operating hours per life
- Rebuild capability supports second and third service lives — up to approximately 90,000 total operating hours
- Anti-abrasive steel construction enhances durability and wear resistance
- Reduced maintenance frequency and extended time between overhauls (TBO)
- Nested shipping configuration reduces transportation complexity and delivered cost

Proven fuel efficiency

- Optimized body weight and structural efficiency reduce fuel consumption per ton moved
- Field trial results demonstrated approximately 15% improvement in fuel productivity
- Lower fuel burn directly supports operating cost reduction and sustainability targets

Engineered body structure

- Curved and flexible structural design improves energy dissipation under impact
- Enhanced impact resistance reduces structural stress concentrations
- Auto-centered loading helps balance wear patterns and improve long-term durability
- Weight optimization maintains structural integrity without overbuilding

Wear package and liner flexibility

- Customizable liner packages tailored to material density and application severity
- Configurable accessory options aligned to operational needs
- Designed for application-specific optimization — not one-size-fits-all deployment

Multi-OEM compatibility

Compatible with major haul truck platforms, including:

- Komatsu: HD605 through 980E
- Caterpillar: 777 through 797
- Hitachi: EH3500 through EH5000

Supports mixed-fleet standardization strategies while maintaining consistent performance.



Advantages	Expected benefits
Lighter	Higher loading capacity Longer component life Fuel savings
Curved and flexible structure	Reduced fatigue damage Energy dissipation Improved impact resistance
Loading	Auto-centered loads
Lower dumping angle	Increased haul cycles per hour Fuel savings
Higher floor angle	Better load retention Less spillage
Optimized weight distribution on axles	Reduced tire and component costs
Fully manufactured with wear resistant steel	Robust and durable Extended TBO (Time Between Overhaul) Easy and reduced maintenance
Tailor made	Loading optimization Customized to your operation
Curved canopy	Operator safety Curved canopy reduces suspended load over operator

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