

# Heavy-Duty Truck Gearbox

This heavy-duty truck gearbox is designed for commercial vehicles. It features a multi-speed configuration for optimal power delivery and fuel efficiency.



## ADDITIONAL IMAGES



## Product Overview

### Advanced Transmission Control

This heavy-duty truck gearbox is engineered for optimal performance and efficiency in demanding commercial operations. It utilizes an advanced Transmission Control Unit (TCU) that constantly monitors critical vehicle data, including accelerator position, load, braking status, and engine torque. By processing this information in real-time, the system ensures precise, timely gear shifts that keep the vehicle operating in the most efficient gear position under all conditions.

## Technical Capabilities

### Monitored Parameters

- Accelerator pedal position
- Rampway inclination
- Vehicle load
- Braking status
- Engine torque
- Engine revolving speed (RPM)
- Current vehicle speed

### Shift Optimization

Automatic Control • Real-time Monitoring • Optimal Gear Selection

## Construction & Design

### Engineering Highlights

Heavy-Duty Construction, Precision-Machined Gears, Durable Housing, Advanced Lubrication System