

ANFO Explosive Delivery Truck for Onsite Mixing and Loading

This heavy-duty truck is designed for the safe and efficient delivery of ANFO (Ammonium Nitrate Fuel Oil) explosive materials in bulk. It is equipped with a large-capacity tank with integrated mixing and dispensing systems.



Overview

Multifunction Bulk Heavy ANFO Delivery System

The BCHZ-15 Multifunction Bulk Heavy ANFO Explosive Delivery Truck is a comprehensive solution designed for safe, onsite mixing and loading of explosives. By integrating raw material transportation, precise onsite mixing, and mechanical loading into a single vehicle, it significantly enhances operational safety and efficiency in mining and construction environments. The system utilizes advanced electric hydraulic control to ensure accurate metering and flexible operation, reducing labor intensity while maximizing blasthole utilization.

Performance Metrics

Loading Efficiency

240 Kg/min

Min Loading Rate

450 Kg/min

Max Loading Rate

Metering Error

2 %

Technical Features

Key Subassemblies

- Vehicle chassis
- Power output system
- Hydraulic system
- Electrical control system
- Porous granular ammonium nitrate storage bin
- Emulsion matrix storage bin & conveying system
- Fuel pumping & metering system
- 3-stage auger filling system

Compatible Explosives

ANFO, Heavy ANFO, Emulsion Explosive

Operational Advantages

Safety & Control Features

- On-site mixing prevents premature explosive handling
- Imported high-performance pumping and hydraulic components
- Electric hydraulic control for precise ingredient transmission
- Density adjustment capabilities for field requirements
- Full coupling of blasthole from bottom-up

Operational Benefits

High Water Resistance • Excellent Detonation Performance • Reduced Labor Intensity • Low Blasting Cost • Improved Wet Hole Charge Quality