

# Powder Material Transport Tank Semi-Trailer

This semi-trailer is specialized for transporting powder materials. It features a cylindrical tank mounted on a multi-axle chassis and is equipped with a powder discharge system for convenient unloading.



## ADDITIONAL IMAGES



## Overview

### High-Capacity Powder Transport Solution

This powder material transport tank semi-trailer is engineered for the efficient hauling of bulk powders such as cement, fly ash, and lime. Featuring a robust 42cbm tank constructed from high-quality Q235 steel, it ensures durability and safety during transit. The unit comes fully equipped with a specialized air-charging system, diesel-powered compressor, and a tri-axle suspension setup to handle heavy loads reliably.

## Dimensions & Capacity

Tank Volume	42 cbm
Overall Dimensions (L x W x H)	12,850mm x 2,495mm x 3,960mm

## Tank Construction

### Tank Specifications

Feature	Specification
Material	Steel Q235
Thickness	5mm
Compartment	Single
Manhole Cover	500mm (3 sets)

## Running Gear

### Axle Configuration

**3 units**

Number of Axles

**13 tons**

Load Capacity per Axle

### Tires & Rims

- Rim: Steel disc, 8.0-20 or 8.5-20
- Tire: 11.00-20 or 12.00-20 (12 units)

### Suspension System

Under mount tri-axle suspension with equalizer, 11-leaf spring

## Braking & Safety

### King Pin Size

50# (2") • 90# (3.5")

### Braking System

Dual lines pneumatic brake system; 30/30+30 chambers, air-actuated

## Performance & Discharge

### Discharge System

- 4" seamless steel tube discharge pipe
- 4" rubber outlet hose (6m)

### Air Compressor

0.2Mpa, 12cbm/Min

### Diesel Engine

4102.44, 37KW