

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