

30 CBM Three-Axle Tipping Semi-Trailer

This is a 3-axle semi-trailer designed for transporting bulk materials. It features a tipping mechanism for efficient unloading and has a capacity of 30 cubic meters.



ADDITIONAL IMAGES



Overview

Robust Tipping Semi-Trailer

This three-axle tipping semi-trailer features a 30 cubic meter capacity, specifically engineered for the heavy-duty transport of bulk materials in construction and logistics. Built with high-strength steel and a reliable hydraulic system, it offers durability and efficiency for demanding professional operations. The design focuses on load stability and ease of unloading.

Technical Dimensions

Key Dimensions

30 m3

Volume Capacity

55000 kg

Payload Capacity

13600 kg

Dead Weight

Dimensions

Specification	Value (mm)
Total Length	9700
Total Width	2550
Dump Body Dimensions	8700 x 2300 x 1500

Chassis and Construction

Structural Materials

- I-beam heavy-duty Q345B steel chassis
- 8mm thick front and bottom dump body walls
- 6mm thick side walls
- Automated submerged arc welding process

Axles and Suspension

3-Axle Setup, Mechanical Suspension, 13-piece leaf springs

Braking and Hydraulics

Braking System Components

- WABCO RE 6 relay valve
- T30/30+T30 spring brake chamber
- 45L air reservoir

Hydraulic System

191 hydraulic cylinder