

Grout Transport Railcar for Tunnel Construction

The grout transport railcar supports the locomotive in shield tunnel construction. It is used for the transport of mortar.



ADDITIONAL IMAGES



Overview

Tunnel Construction Grout Transport Railcar

This specialized railcar is engineered for the efficient transport and application of grout in rail transit engineering projects. It features a robust steel construction with an integrated mixing system to ensure grout homogeneity during transit. Equipped with a dual-axle suspension system and durable sealing mechanisms, it provides reliable performance and stability in demanding tunnel environments.

Technical Specifications

Mixing Spindle Diameter	120 mm
Spindle Construction	Thick-wall seamless steel pipe
Sealing Technology	Labyrinth Seal, Rotary & Stationary Ring Mechanical Seal

Chassis and Running Gear

Running Gear Type	Dual-axle box bearing-type mechanism
Suspension	Combined damper spring
Braking System	Exhaust braking

Key Features

Operational Benefits

- Stable vehicle operation
- High structural rigidity and strength
- Wear-resistant sealing materials
- Low maintenance and repair workload
- Optimized mixing blade rotation for mortar discharge