

# 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