Tunnel Gantry Crane for Rail Transit

This tunnel gantry crane is designed for subway track-laying and other rail transit engineering tasks. It can operate independently or in tandem with another unit to lay 25m tracks.

ADDITIONAL IMAGES

Product Overview

Tunnel Gantry Crane Solution

The DP10 Tunnel Gantry Crane is a specialized lifting and transport solution engineered specifically for rail transit construction within tunnel environments. Designed for versatility, this unit can operate independently or in tandem with another machine to facilitate 25m track laying. Its robust, compact design is optimized for confined spaces, featuring advanced speed regulation and reliable braking systems for safe operation on steep ramps.

Technical Specifications

Operational Capabilities

- Independent or tandem operation
- Supports 25m track laying
- Material shifting and transfer
- Variable frequency speed regulation

Safety & Control	Hydraulic braking, 50‰ Ramp braking capability, Cable drum power supply, Emergency stop mechanisms, Load limiters

Design & Construction

Key Design Features

25 m	50 ‰
Track Laying Capacity	Max Ramp Grade

Construction Details

- Compact dimensions for subway restrictions
- Rail-mounted system
- Dual-hook lifting system
- Gantry structure for tunnel width spanning