

Tyre Mounted Variable Span Gantry Crane

This tyre mounted variable span gantry crane is applied to ballastless track construction for railway lines. It is used for sleeper laying and hoisting, as well as module disassembly.



ADDITIONAL IMAGES



Product Overview

Heavy-Duty Lifting Solution for Infrastructure

The Tyre Mounted Variable Span Gantry Crane is a specialized heavy-duty lifting solution engineered for complex rail transit and bridge construction projects. It features a robust, adjustable gantry structure that allows for variable spans, providing exceptional flexibility to accommodate diverse site conditions and precast element dimensions. With its advanced tyre-based mobility system, this crane offers superior maneuverability, ensuring efficient relocation and precise handling of large components such as concrete bridge sections and rail segments.

Technical Specifications

Structural Capability

Variable Span • Heavy-Duty Steel Construction

Key Lifting Components

- Heavy-duty steel gantry frame
- Variable span adjustment mechanism
- Tyre-based mobility system
- Advanced control system
- Spreader beam
- High-strength pulley and cable system

Mobility System

Tyre-mounted

Primary Applications

Rail Transit Engineering, Bridge Construction, Prefabricated Element Handling