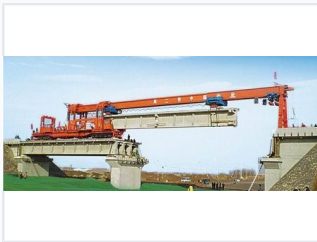


Railway Girder Erection Machine

The girder erecting equipment can fulfill reversing of the girder car, sending beam, and erecting girder. It is composed of the main machine, motor car, and flip gantry.



ADDITIONAL IMAGES



Overview

High-Efficiency Girder Erection

The JQ170 is a specialized heavy-duty machine engineered for the precise placement of pre-fabricated T-shaped girders in railway construction projects. It features a robust, self-propelled gantry crane system designed to travel along constructed bridge sections, ensuring accurate alignment and secure placement of heavy concrete or steel girder sections. With its modular design and advanced hydraulic control systems, this equipment accelerates construction timelines while maintaining high standards of structural integrity and safety.

Technical Capabilities

Lifting Capacity

170 t

Rated Capacity

Operational Features

- Self-propelled gantry crane system
- Advanced hydraulic lifting and traversing
- Precise girder alignment control
- Modular design for rapid assembly and disassembly

Safety & Compliance

Safety Systems

Overload Protection, Emergency Stop Mechanisms, Load Monitoring, Anti-tipping Mechanisms

Application

Intended Use

Railway infrastructure development, specifically for the installation of precast T-shaped girders.