

Bridge Girder Erection Machine

This bridge girder erection machine features a double girder with a three-leg gantry structure. It is engineered to lift, transport, and position bridge girders with accuracy.



Overview

High-Efficiency Bridge Girder Erection

The JQ450 Bridge Girder Erection Machine is a specialized heavy-duty gantry system engineered for precision installation in rail transit projects. Featuring a double-girder, three-leg structure, this walking-type machine is designed to handle complex precast concrete girder configurations. It is a critical asset for accelerating bridge construction timelines while maintaining structural integrity and safety standards.

Technical Specifications

Model Number	JQ450
Structure Type	Double girder with three legs gantry
Operation Mode	Walking type with No.3 Pillar orbital walking

Capabilities

Supported Spans

- 32m
- 30m
- 24m

Girder Configurations

Doublet and double boxes, Doublet and three boxes, Doublet and four boxes, Four-line and seven boxes

Performance

Primary Application

Rail Transit Engineering • Precast Concrete Girder Erection