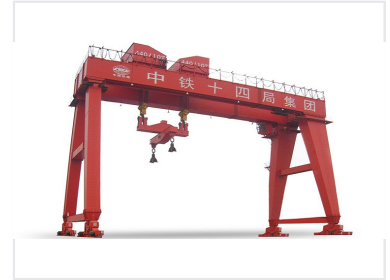


Tunnel Shield Gantry Crane

This shield gantry crane is specialized for engineering construction of subway and river crossing tunnels. It is designed for installing TBM cutterheads and shield bodies, as well as transporting tunnel support tube sheets during construction.



Product Overview

Engineering Excellence in Tunnel Construction

The Shield Gantry Crane is a specialized heavy-duty lifting solution engineered specifically for subway and river crossing tunnel construction. It is designed to facilitate the installation of TBM cutterheads and shield bodies, as well as the efficient transport of tunnel support tube sheets. With integrated PLC frequency control and advanced overload protection, it ensures both operational stability and maximum safety for heavy underground excavation equipment.

Technical Specifications

Primary Lifting Capacity

440 T

Main Hoist

10 T

Auxiliary Hoist

Operational Features

- Upper spreader with swinging capability for multi-directional digging support
- PLC-based frequency control system for precise mechanism management
- Comprehensive overload protection device
- Engineered for high-efficiency tunneling support and tube sheet transport
- Low-maintenance design for demanding construction environments

Compliance & Safety

Safety Standards

Overload Protection, PLC-Safety Integration, Industrial Grade