

Case Study

Riyadh Metro Cladding and Construction Support for Metro System



When: 2023

Solution: Hoist & Mast Climber

Date: 2023

Location: Riyadh Saudi Arabia

Client Overview: Our client, involved in the construction and cladding of the Metro system in Saudi Arabia, required a specialized solution to facilitate work on various stations and tunnels. The solution needed to support both cladding installation and ongoing construction activities, ensuring safety and efficiency throughout the process.

Project Challenges: The scale and complexity of the Metro construction project, involving multiple stations and tunnels, presented significant logistical challenges. The client required a mobile and versatile solution that could provide access to difficult-to-reach areas while minimizing disruptions to ongoing construction work.

Solution Provided: To meet the client's needs, we delivered a customized support package, which included:

- **Design, Installation, and Operation of Mast Climbers:** Designed, installed, and operated 19 mast climbers,

tailored to provide flexible access for both cladding and construction activities across Metro stations and tunnels. The mast climbers were strategically placed to allow safe and efficient work at various heights and angles, optimizing workflow in confined and complex areas.

- **Turnkey Service:** Our team handled the entire process from design to operation, ensuring that the mast climbers met all project requirements while maintaining the highest standards of safety and efficiency.

Operational Support: We provided full on-site support for the installation and operation of the mast climbers, ensuring that the equipment was correctly positioned and maintained throughout the construction phases. Our technical team remained available to address any issues, ensuring uninterrupted progress.

Result: The mast climbers allowed for safe, efficient, and precise work on the Metro's cladding and construction, enhancing both productivity and safety. The project remained on schedule, with minimal downtime, enabling the client to meet critical deadlines while maintaining the quality of construction and cladding work.

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