



## EMH Designs & Builds Hoists For Patented Track Interlocks

### Features and Benefits:

- EMH Hoists are available standard for single as well as double girder applications and can be custom engineered for special applications.
- Standard hoist capacities easily accommodate 2-ton to 50-ton requirements.
- Custom engineered hoists designs accommodating capacities from 10 to 200 tons.
- EMH E-Series Hoists are reliable performers with designs that are especially suited for applications requiring low headroom lift

### Industry Group:

MHI Member Company  
Crane Manufacturers Association of  
America (CMAA)  
Material Handling Equipment Distributors  
Association (MHEDA)

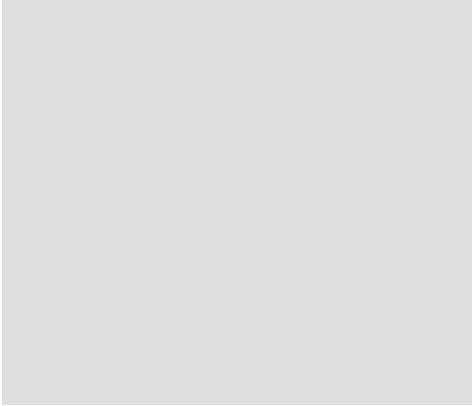
**According to Wally Bolduc,  
Crane-Tec Project Manager,**  
*“EMH was the only hoist manufacturer  
willing to design and build hoists to meet  
the specifications of a close headroom  
cross-mounted hoist to go through  
transfer interlocks.”*



When a large international manufacturer needed a reliable crane transfer system for its aircraft repair facility, they selected Crane-Tec, located in Cincinnati, Ohio, to design, engineer, fabricate and then install a transfer crane system. Engineered Material Handling (EMH) was Crane-Tec’s logical choice to provide the hoists.

Stringent industry requirements and special challenges needed to be addressed for the project and industry. Special considerations included large capacity requirements for the transfer crane, an independent runway and monorail structure, and large runway spans and loads. Low headroom lift requirements necessitated a double-reeved cross-mounted drum for true vertical lift. Trolleys were designed with multiple wheel sets to run on patented track. Overload limit devices were included as standard. Crane-Tec assembled a team consisting of a design engineer, structural engineer and project manager. The team’s design solution, a 22.5-ton, top running, double girder crane system with a single transfer beam that included eighteen 15-ton interlocking transfer monorail beams.

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