

**Case Study**  
(2-Minute Overview)

# R&M's QX® Modular Crane Package with two Spacemaster® SX Electric Wire Rope Hoists in a Dual Hoist Application



**OVERVIEW:** The project required a 10-ton capacity CMAA Class C Service single girder top running crane with a span of 56'-3 1/2". The crane was to be equipped with two (2) 5-ton capacity electric wire rope hoists with tandem control and a minimum of 20 ft. available lift. Two-speed control was specified for the hoist, trolley and bridge motions. The location for this application was indoors.

*"Using R&M's QuoteMaster® quotation program with the EDI link gives us unmatched advantages such as optimal crane components configuration and pricing for the quotation in addition to fast and accurate order placement."*

Todd Clemens  
Dearborn Overhead Crane  
Overhead Cranes [www.dearborncrane.com](http://www.dearborncrane.com)

## Features/Benefits Provided:

- **Optimized design**
- **Increased profitability**
- **Perfect match to the requirements**

**SOLUTION:** With the use of the R&M QuoteMaster™ crane component configuration and quotation software program Dearborn Overhead Crane was able to provide a complete crane quotation in a very short time with the most competitive products. The QX® Modular Crane Package selected for this application included the Spacemaster® SX4 electric wire rope hoists with 2-speed control, RT20 series end trucks, GES series bridge drives, the QX® bridge panel and festoon system. Standard CMXC series inverter controls were included for the trolley and bridge motions. The independent C-track suspended P/B included a three position selector switch for tandem control (hoist #1 – both – hoist #2). After receiving the order from their customer Dearborn Overhead Crane used the "EDI" link for electronic transfer of the equipment information from the QuoteMaster™ quoting system to R&M's production system for order processing.

**WRAP UP:** By using QuoteMaster™ for the design of the crane in this application the customer can be sure that the crane design is the optimum solution, not oversized, not undersized, but a perfect match to the requirements at a competitive price. Also using the EDI link in QuoteMaster™ for the direct transfer of the equipment information ensures the supplied equipment accurately reflects what has been quoted and ordered.



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