



WAZEE CRANE | ELDON JAMES CORPORATION

PLASTICS MANUFACTURING

R&M

MATERIALS HANDLING

CASE STUDY

CRANES ADD EFFICIENCY FOR PLASTICS MANUFACTURER

Overhead cranes from R&M Materials Handling are helping to make production more efficient at a plastics manufacturer.



THE APPLICATION

Founded in 1987, Eldon James Corporation is a leading manufacturer of PVC-free tubing and connectors. Based in Denver, Colorado, and with an additional factory in nearby Fort Collins, it serves a broad spectrum of domestic and international market sectors such as transportation, automotive, medical, water purification and industrial. Eldon James' cleanroom facilities focus on manufacturing products for the life sciences, bioprocess, biomedical, pharmaceutical and similar critical-use applications.

The company requires overhead cranes to lift injection molding machines that contain 2,000 lb. steel and aluminum part molds.





THE CHALLENGE

These molds are moved up to ten times per day between the machines and the maintenance rooms where they are looked after. Eldon James needed to maximize horizontal hook approach and hook height, while maintaining safety and efficiency. Since 1987, Eldon James has relied on cranes to lift and move its heaviest components,” said Seth Merrill, Director of Marketing at Eldon James. “We would not be able to function nearly as efficiently without a crane to do the heavy lifting.”



“We are continually looking for ways to create a safer and more efficient environment, so we turned to Wazee Crane and R&M to help us improve in both areas.”

SETH MERRILL

Director of Marketing

Eldon James Corporation

THE SOLUTION

Based in Broomfield, Colorado, Wazee Crane has been manufacturing and supplying cranes for more than a century, producing over 5,000 cranes during that time. The company also maintains a complete crane parts and crane service department equipped with trained crane service technicians who are on call 24-hours a day.



Wazee Crane installed overhead bridge cranes with a minimum 2,000 lb lifting capability, fitted with Spacemaster® hoists from R&M Materials Handling. R&M's Spacemaster SX wire rope hoist features a large drum diameter that creates near true vertical lift, and its frame design allows closer end approaches than other hoists on the market. Standard electric wire rope hoist configurations include normal headroom, low headroom and double girder designs.

An innovative hoist design provides the best headroom in the industry while minimizing hook drift and maximizing end approaches. Users benefit from better floor coverage and easier operation of the equipment. Standard inverter controls on the trolley reduce load swing and minimize brake wear.





“R&M produces compact and economical cranes which were ideal for this application. The customer needed to maximize horizontal hook approach and hook height – Spacemaster was a perfect fit for this application.”

STEVE ANDREWS

General Manager | Wazee Crane



THE RESULTS

“Safety and efficiency are our two main factors for selecting Wazee and R&M. We know the entire process, from ordering and installation to maintenance and repair, will be handled quickly and professionally,” said Seth Merrill.

“The overhead cranes that Wazee fabricated with R&M’s hoists have been an ideal marriage for our needs. Wazee has qualified regional repair personnel, so we know that should there be an issue, our production won’t be affected by the same amount of downtime as if we had to fly a team in from an international location.”