



**R&M**

MATERIALS HANDLING

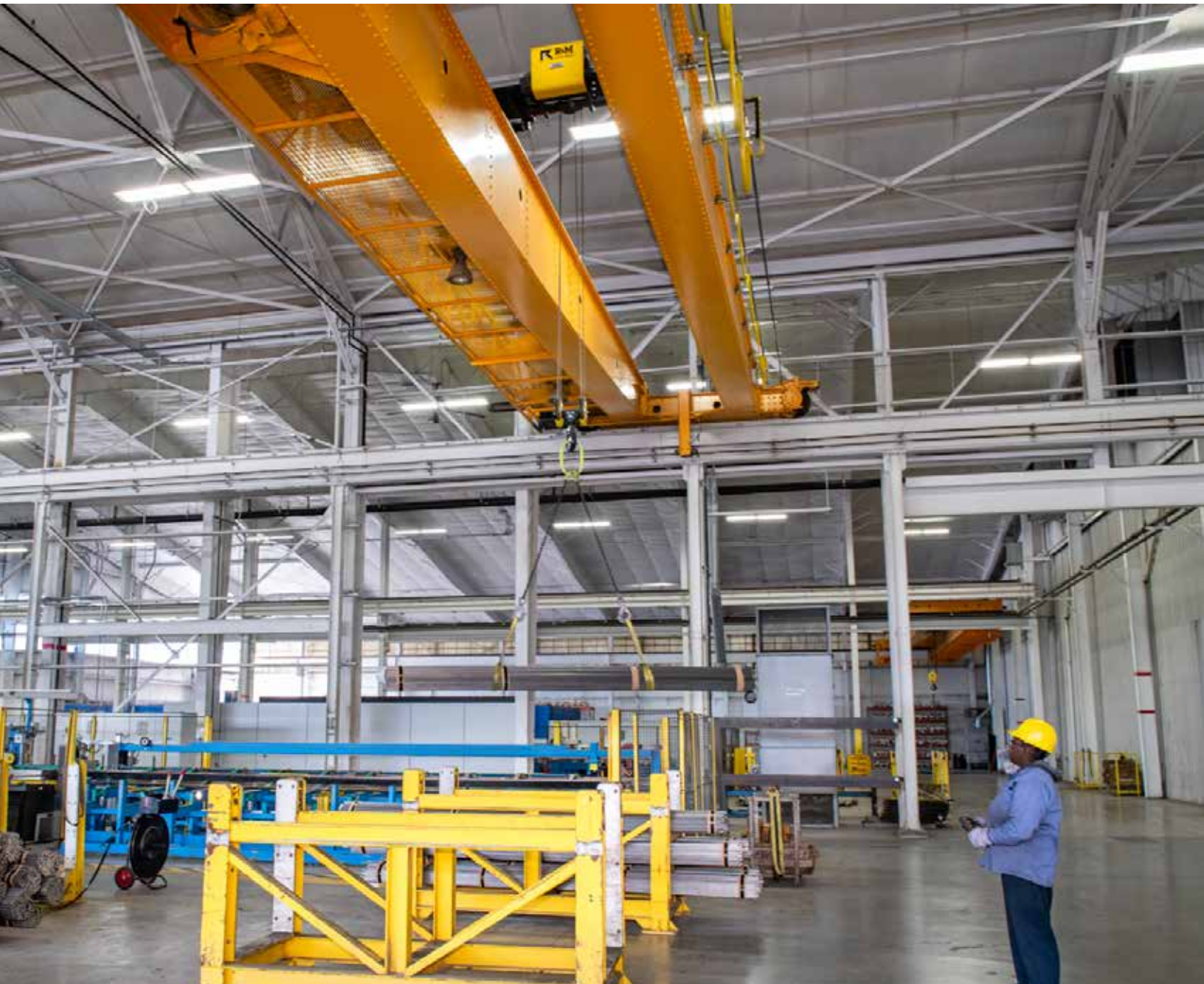
HOOSIER CRANE SERVICE CO. | VALBRUNA SLATER STAINLESS, INC.

# STAINLESS STEEL PRODUCTION

CASE STUDY

## R&M IMPROVES RELIABILITY FOR STAINLESS STEEL PRODUCER

Overhead cranes from R&M Materials Handling, Inc. have provided a cost-effective and more reliable solution for a producer of stainless steel.





## THE APPLICATION

Based in Fort Wayne, Indiana, Valbruna Slater Stainless, Inc. (VSSI) is part of the Valbruna Group. Founded in 1925, Valbruna has 2,500 employees and an annual output of approximately 250,000 tons of specialty steels. Production is primarily focused on stainless steels and specialty alloys, such as nickel alloys and titanium long products.

As part of its investment in continuous improvement, Valbruna is constantly updating its production capabilities and experience. For VSSI, this included upgrading its overhead cranes, which are used to move finished goods and raw materials for stainless steel processing.



# THE CHALLENGE

VSSI wanted to replace two older DC-powered cranes with more powerful AC cranes - but still retain the existing bridge structure. The older cranes had become unreliable, and the hoists were heavy compared to more modern solutions. Getting new cranes to work on the current bridge would ensure that the upgrade was highly cost-effective.



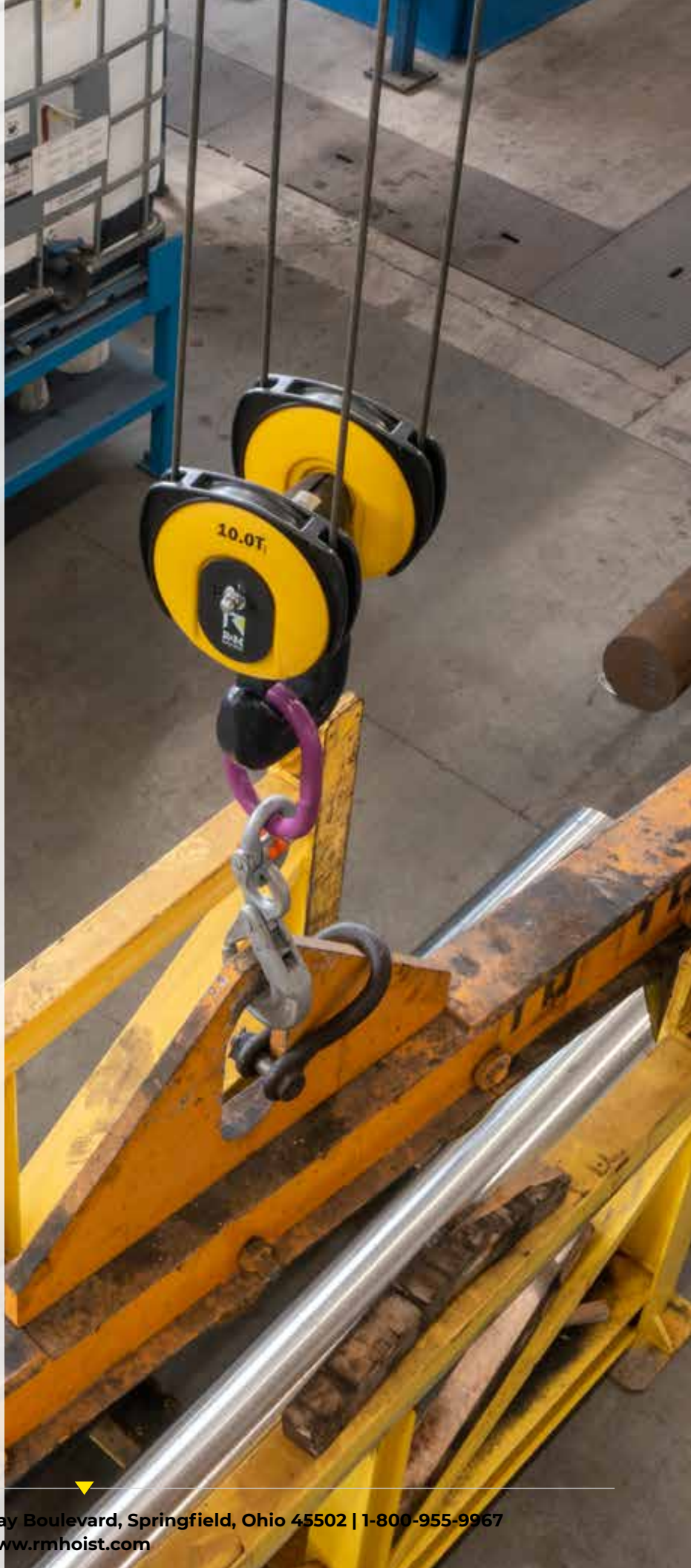
# THE SOLUTION


VSSI turned to Hoosier Crane Service Co. for expert assistance. Hoosier Crane, founded by Tom and Cherie Schmidt, is a family-owned business headquartered in Elkhart, IN. Hoosier Crane has grown throughout the last 20 years from 4 employees to approximately 100 employees and is presently providing overhead crane material handling solutions throughout the USA.



The older DC cranes were each equipped with 20 ton and 7 ton dual hoists on one trolley. Hoosier Crane's original plan was to keep a center line bridge drive motor on both but replace the DC motors with larger AC motors. However, Hoosier Crane decided that the more viable solution was side mounted SEW Euro Drive gearboxes with motors.

Hoosier Crane removed the two existing hoists and replaced them with new R&M 10 ton hoists. Hoosier Crane installed the new hoists on a new ASCE rail. These new hoists were one third of the weight of the old hoists.



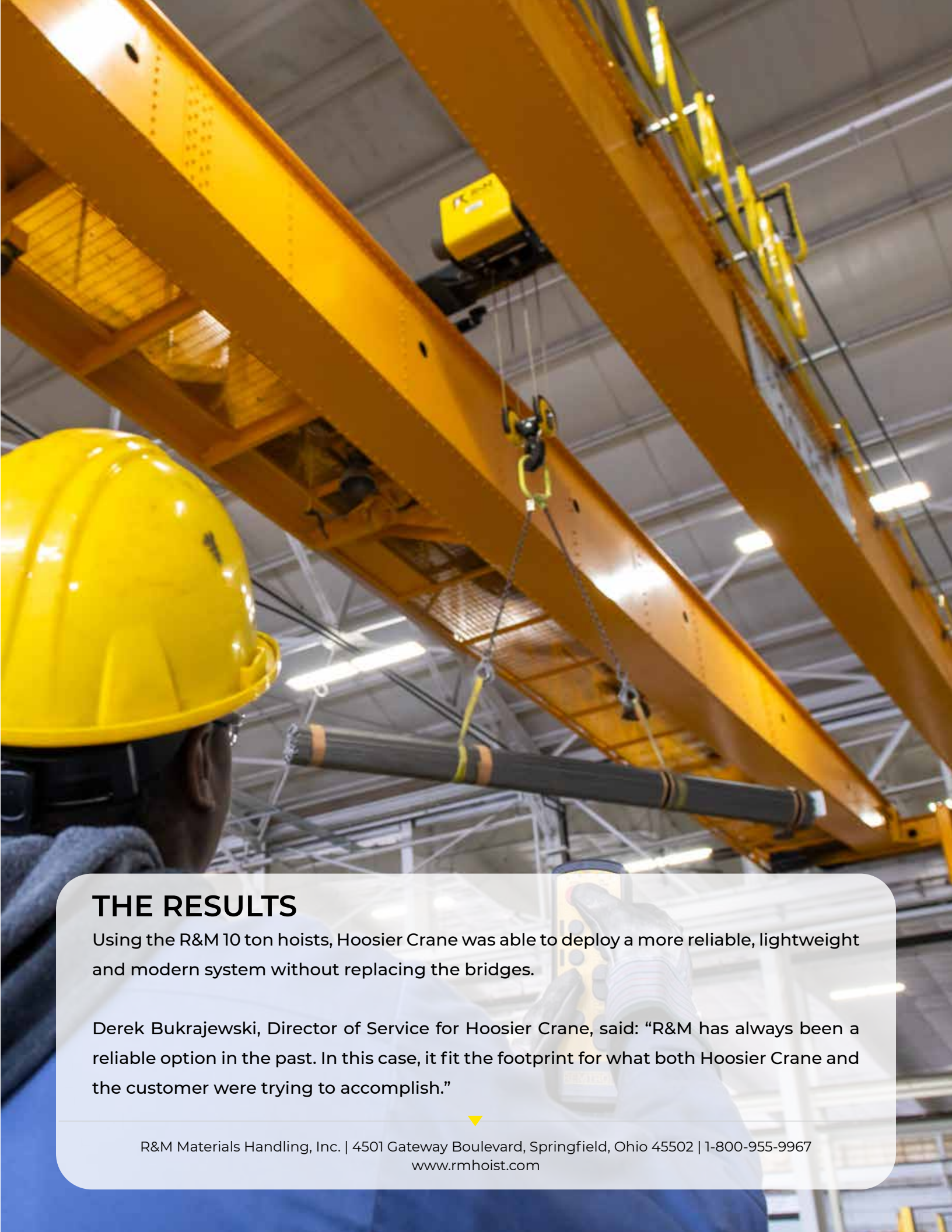
A yellow R&M Materials Handling hoist is mounted on a bridge structure. The hoist is a rectangular unit with a yellow cover and a black motor. It is suspended from a metal beam. The background shows a large industrial facility with a white ceiling and yellow structural beams.

**“Hoosier Crane has been a reliable service vendor for Valbruna for years. We were looking for a reliable, cost-effective solution that could still be designed to fit on the existing bridge structure. Using the existing bridge structure saved cost on install and material.”**

## **PATRICK HILGER**

**Engineering and Maintenance Manager**

**Valbruna Slater Stainless, Inc.**



## THE RESULTS

Using the R&M 10 ton hoists, Hoosier Crane was able to deploy a more reliable, lightweight and modern system without replacing the bridges.

Derek Bukrajewski, Director of Service for Hoosier Crane, said: "R&M has always been a reliable option in the past. In this case, it fit the footprint for what both Hoosier Crane and the customer were trying to accomplish."



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