



Productivity Doubles With Help of Work Station Bridge Crane

Features and Benefits

Business: Metal Fabrication

Product Type: Free Standing Work Station Bridge Cranes with aluminum bridges

Lifting Device: chain hoists with vacuum end effectors

Industry Group: Monorail Manufacturers Association, Inc. (MMA)



Industry: Metal Fabrication

Application:

A small fabrication shop cuts and forms sheet metal for radiators, generators, and other electrical applications. The sheet metal handled typically measures 4-5 ft. wide by 8-10 ft. long and can weigh up to 650 lbs.

Solution:

Two Free Standing Work Station Bridge Cranes with 1 ton aluminum bridges and chain hoists with vacuum end effectors were installed.

Problem:

- Forklifts were used, but were bumping into machines and placement was difficult
- Manual lifting using two operators was costly and unsafe due to the heavy, sharp material
- Automation would have reduced injuries but was too expensive for the shop to invest in

Why Gorbels® Was The Smart Solution:

"The Gorbels system has worked out very well," said

Moeller. "One operator is able to do 30 cycles per shift now, where before we may have only done 15. Plus, there have been no injuries."



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