



Work Station Crane with G-Force® Helps Workers Catch Up To Assembly Line's Output

Features and Benefits

Business: Automotive Supplier

Product Type: Work Station Crane and G-Force® Intelligent Lifting Device

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



Industry: Supplier of Automotive Components and Engineering Solutions

Application: Convertible car tops weighing 220 lbs. are brought into a work bay where they are finished at the end of the assembly process. From here they are moved to a pallet lift and prepared for a final inspection. Then they are prepped for shipping and moved out by a fork truck.

Solution:

Gorbel® Work Station Crane with an Aluminum Bridge and a G-Force® Intelligent Lifting Device.

Problem:

- The original chain hoist inhibited production speed

- Operators had trouble controlling the large parts
- Twisted chains and wires in hoist from operator's movements
- Product was backing up in this cell effecting overall production

Why Gorbel® Crane with the G-Force® Was The Smart Solution:

The Q model G-Force® was a great fit for the application because the G360™ swivel feature allowed the tooling to continuously rotate without twisting the coil cord. The workers natural flow in this application is circular which caused problems for the previous lifting devices.

The speed that the operators are now able to work, and the frequency of loads they are able to handle has greatly increased. They are now able to keep up with the lines output of 22 units per hour, whereas before they were falling behind.



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