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February 2008

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Gorbel® Easy Arm Reduces Operation to One Worker...

Two men were needed to lift the long, heavy sheet steel that had been cut off the conveyor. The company wanted to ensure the worker's safety while trying to make the process into a one man operation and still maintain productivity.

The Gorbel® Easy Arm allowed one worker to perform the operation without any decrease in productivity, while providing a safe environment for the operator. Overall plant productivity increased due to the other worker being reassigned into an area that needed some help.

A plant manager commented that the workers are very happy with it, it is easy to use and stores out of the way when not in use.

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[View video of the operation...](#)

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Heavier Capacity G-Force® Opens New Application Opportunities...

Plant Engineering Magazine awarded the Q and iQ model G-Forces the 2007 gold medal for product of the year. Look in the March issue of Plant Engineering for more details.

The Q and iQ G-Force® Intelligent Lifting Devices are Gorbel's ideal solution for improving productivity and reducing part damage.

G-Force® is ideal for larger capacity lifting applications including:

- Engines and transmissions
- Changing out machine tooling and dies
- Heavy equipment manufacturing
- Large valve assembly for oil and natural gas industry

New design elements and software features of these models:

- Modular design makes it easier to change control handle configurations in the field to meet your changing needs
- On-board diagnostics for easy maintenance
- New photo sensor replaces Operator Present Switch
- New ergonomic handle that features a standard LCD display
- Patented exclusive combined collector and air swivel prevents damage to coil and/or optional air coil
- Enhance end tooling functions with G-Force® intelligence by adding an optional Input/Output control block

The iQ and Q model choices offer the right features to fit your

application and budget with even more intelligence features and capabilities.

[More info. on these new models...](#)
[Download a copy of our flyer ...](#)
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AIMCO Manufacturing, A Gorbel® Preferred Integrator...

We realize that many of you will require the assistance of a third party to successfully integrate tooling into G-Force® / Easy Arm™ applications. We have a resource on our dealers website for you to be able to contact specialty companies who have designed and built [end tooling](#) for G-Force® / Easy Arm™. The companies listed on this page are preferred integrators who have been through training and have experience in G-Force® / Easy Arm™ integration.

This month, our spotlight is on AIMCO. AIMCO has extensive experience in the design and manufacture of end effector tooling, from simple configurations to the complex. AIMCO provides a variety of both standard and custom designed tooling to safely and efficiently handle any type of load.

Here is some feedback that we have received:



Worked several projects with Aimco, Quick response for quotes and drawings. Very good at return phone calls. Quality product.



Timely quotes, delivery on-time, good after sale follow-up. Tooling design efficient, product quality high.

You can visit their website at
<http://www.aimcomanufacturing.com/>



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You've Got Questions? We've Got Answers...

Do you have specific questions about your G-Force® application or Intelligent Assist Devices in general? Submit your question to us and we'll get back to you with an answer and we may post your question and answer in this newsletter.

[Submit your question now...](#)

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Question 1 from End Customer: What is the recommendation for G-Force® and Easy Arm™ preventative maintenance? I seem to have lost my Installation Manual.

Response 1: Certain components should be inspected on a daily basis; the coil cord and wire rope, for example. Other internal components should be inspected on a 90 day basis or more frequently if the application is considerably more intense. Gorbel has recently published new Preventative Maintenance Brochures for the G-Force® and Easy Arm™ products. They are available by contacting a Gorbel® Inside Sales Rep.

Question 2 from End Customer: Is there a list of recommended spare parts for my G-Force® (or Easy Arm™)?

Response 2: There is a basic Recommended Spare Parts List in the back of each Installation Operation and Maintenance Manual. Spare parts kits are also available in CraneBrain®. Gorbel highly recommends including spare part kits with every G-Force® or Easy arm™ quote. If you have questions about quoting these kits contact a Gorbel Inside Sales Rep for assistance.

Do you have a question? [Submit your question now...](#)

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Latest in Ergonomics and Other Interesting Articles...

Consider that the next frontier in Safety lies within, in helping to enlist workers' minds toward high-level performance.

by Robert Pater, February 2008

Do you believe a person's mind can make him sick? Or, on the flip side, the way we think can potentially boost our health?

Surveys show medical doctors report 70 percent of illness is psychosomatic-related. This doesn't mean most people are hypochondriacs, imagining they're sick, just that our mental states can affect or contribute to negative or positive well-being. Psychosomatic literally means "of the mind and body." [Read more...](#)

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