



## G-FORCE: Synchronized Lifting Twin Units Lift Long Loads Safely with Single Point of Control

### Features and Benefits

Business: Manufacturer of Aluminum and Steel Cable Trays

Product Type: G-Force Dual Lifting Technology on Work Station Bridge Crane

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



**Industry:** Electrical Supplies

### Application:

Manufacturer Thomas & Betts builds aluminum and steel cable trays in Edmonton facility. In this work cell, workers are doing their final welds on the trays, then lifting them onto a cart to be banded and prepared for shipping. The trays resemble aluminum extension ladders when complete, and range in dimension from 6-36 inches wide, and 10-20 feet long, each weighing between 50-130 pounds.

### Solution:

To lift the long trays safely with the most control, the company was looking for a way to lift both ends of the tray in one synchronized motion.

The solution was a Gorbels work station crane with two G-Force® iQ units that were operated through one remote mount pendant handle.

**Why Gorbels® Was The Smart Solution:** With GSync™ Technology, the operator is now able to lift the long metal trays pictured at right by attaching both G-Force® units to either end. By controlling the lift from one pendant handle, the operator safely lifts the load in one synchronized motion which keeps the load balanced and easy to position on shipping carts.

**Testimonials:**

“They are so awkward to pick up,” said Ken Conrad, Coordinator of Maintenance at the Edmonton facility. “The way you have to bend and lift the tray puts a lot of strain on your back. If you kept the same person on that job all day, by the end of the shift they were really hurting.”

“They used to be kind of leery about picking up the trays before because they were hurting,” said Conrad. “Now there’s no fatigue at all. In this line of work, if your back isn’t working, you aren’t working. That’s not a problem any more.”

**Gorbel Inc.**

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