



## Two Person Job Can Now Be Done by One with Addition of Easy Arm®

**Industry:**  
Tier 1 Auto Supplier

**Product:**  
Formed Frames

**The Problem:**  
Manual lifting by 2 people puts workers at risk. Repetitive bending, lifting and twisting puts workers at risk for injury

**The Solution:**  
A Gorbels Easy Arm®



### **“It allows us to lift more pieces per hour than the production line can handle”**

This 450,000 square foot hydroform plant in Ontario, Canada, uses pressurized water to form frames and components for a popular Sports Utility Vehicles. They use the Easy Arm™ and an airactuated magnet to lift the formed frames, weighing about 40 lbs. each, onto production lines, where they are sheared and drilled. The line currently handles about 80 frames per hour.

*“This used to be a two-person job, but the Easy Arm™ eliminated the need for the second person.*

*It actually allows us to lift more pieces per hour than the production line can handle.”*

*Derek Dureen  
Fabrication Group Leader  
Modatek Systems*

Prior to the Easy Arm™, the 40 lb. pieces were manually lifted out of the bin and placed on the production line by 2 workers. The repetitive bending, lifting and twisting required put the workers at risk for injury and fatigue.

Adding the Easy Arm™ made this a one-person job, which allowed them to move the second person to another area of the plant. It was a much more cost effective solution than an automated robot, which would have been vastly more expensive. They are now able to lift the pieces faster than was possible with manual lifting, faster even than the production line can handle.