



## Gorbel® G-Force Improves Ergonomics and Productivity

**Industry:**  
Seed Company

**Product:**  
Process, Develop, Research, and  
Test Seeds for Planting

**The Problem:**  
Operators were stressed from  
lifting, causing slowdowns in  
production and back injuries

**The Solution:**  
A Gorbel G-Force® Intelligent  
Lifting Device



### The Customer is Very Pleased with the Ease of Use of the G-Force®

Workers at this Iowa seed company spent all day unloading boxes from pallets onto a gravity conveyor for staging. Then, they would lift the boxes onto workbenches for testing and repackaging. Finally, they would move the boxes again to large containers or pallets.

Initially, a forklift would bring the pallets of product to the worker's area where workers would then unpack and move the individual boxes to the conveyor, then the workbenches and pallets. These boxes weigh up to 70 lbs each. Lifting them manually all day was causing ergonomic issues and frequent back problems for the workers, in addition to significantly slowing down the production process.

**The solution:** A 500 lb. capacity freestanding workstation crane, 165 lb capacity Q series G-Force lifter with remote sensing hub, and an integrated AIMCO vacuum lifting tool.

The workers now use a G-Force and Workstation Crane to lift and move the boxes with ease to all the areas they need them to be. The customer was very pleased with the ease of use and the fact that there are no buttons to push. The lifter moves up and down using the force sensing handle and the vacuum turns on and off automatically. It took a day or two for the workers to get used to the automatic vacuum attachment, but now they are amazed with how smoothly the G-Force lifts and very happy to be rid of back issues and fatigue.