

Optimizing Unloading Activities with Destuff-it™

About Gorbel®

Gorbel® has over 40 years of experience providing material handling solutions that help companies improve their safety, ergonomics, and productivity.

Providing a comprehensive line of overhead lifting and ergonomic positioning equipment, Gorbel® uses a consultative approach to match solutions with industry needs. Regional distributors bring expertise to the local level while Gorbel® products are used internationally in industries ranging from heavy manufacturing to aerospace. Products include enclosed track workstation and jib cranes, monorails, G-Force® Intelligent Lifting Devices, GS Electric Chain Hoists, and Cleveland Tramrail® patented track cranes. Additionally, Tether Track™ provides fully engineered fall arrest for those working at heights.

For warehouses and distribution centers, Destuff-it™ portable ergonomic conveyors provide a safe and efficient solution for handling floor-stacked packages in shipping containers or related vessels. The Gorbel® Warehouse Solutions line also includes rugged cascading belt conveyors that can withstand even the toughest order-fulfillment environments.



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***“We Improve
People’s Lives”***

The Gorbel® Mission

Growth & Impact



Faster Unloading

Container unloading time was reduced by 12 hours



Increased Productivity

Total cases per hour (CPH) increased by 338 units

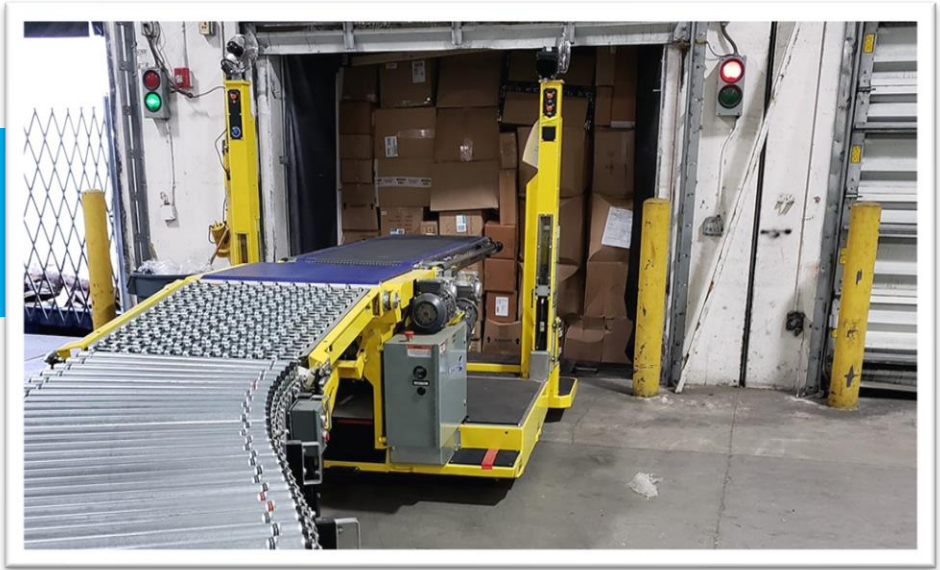


Higher Profits

Projected savings of \$403 per container

Optimizing Unloading Activities with Destuff-it™

Large-scale general merchandise retailer seeking to improve productivity



The Problem

One of Canada's largest general merchandise retailers had a minimum of two workers spending ~17 hours to unload a single container. Their distribution center was partially equipped with powered roller conveyors, but supplying hundreds of stores with mixed products was too great a demand. The company was also struggling with worker injury claims because repetitive lifting of unwieldy objects was putting too much stress on employees. Their management team knew a change was needed.

The Solution

A supply chain integrator introduced the company to Destuff-it™ and an on-site trial was arranged. Two teams were tasked with unloading a container of 2,400 boxes each weighing 30 pounds. One team used the company's established unloading method, while the other used a Destuff-it™ machine. The team that used the Destuff-it™ reported less fatigue and unloaded the container in record time. Upon analysis, the company determined they could save \$403 per container by implementing Destuff-it™ machines.

	Conventional Unload Method	Unloading with Destuff-it™
No. of People for Current Unit Rate	2	3
Average Time to Unload Container	17 hours	5 hours
Container Unload Rate (cases per hour)	142	480
Total Man Hours to Unload	34 hours	15 hours

