



## HOW HOT IS HOT?



**S**ummer is on its way. . .there's no stopping it. . .and with it comes the heat. And with the heat comes environmental concerns when dealing with conveyors and conveying accessories. Even with the highest quality materials and stringent quality checks Hytrol employs during manufacture, it's always best to keep a close check on equipment during warm weather.

Have you stopped a moment to consider what the warm days could bring to your conveyor system? Is the location of the system air conditioned? Many factories, warehouses, distribution centers, etc. aren't. This could lead to situations where a build up of heat during the summer months might cause trouble. Everyone realizes friction leads to heat. That, coupled with the warm summer days, can mean even higher temperatures in conveyor parts that rotate or move. Heat also expands, and that might cause other potential issues.

For the most part, however, simple preventative maintenance can head off most heat-related issues. Let's look at some of the things we can do to help keep your conveyor system running at full potential during

the summer heat. . .

- *Check bearing seals.*
- *Check reducer oil periodically. This should be a part of the users' routine maintenance in any season, although the summer months can bring additional strain on the reducer parts.*
- *Keep a close watch on the motor and watch for potential overheating. In the summer heat, the amp draw will rise. Use an ampmeter to check this.*
- *Conveyor belts, depending on type, could also be affected by the heat. There could be some slight stretching which, in turn, could cause some slipping or belt tracking issues. In extreme situations, the belt might even become tacky.*

Of course, every heat-causing issue can be avoided or solved with proper maintenance. Make sure your maintenance technicians are familiar with conveyors and know how to combat rising summer temperatures. The summer heat might not be avoidable, but conveyor downtime can be!

# News Releases

## Hytrol offers (5) optional Stockyard powder paint colors on one-week ship conveyors

Conveyor models available for 24-hour shipping from Jonesboro, Arkansas, Stockyard are available for one-week shipment in any of the five standard optional powder paint colors. These colors are optional from standard Hytrol green. The standard optional powder paint colors are:

- Dark Blue
- Black
- White
- Gray
- Beige



Conveyors ordered with one of these specified optional paint colors will be shipped within one week from the date the order is entered. The Hytrol Solution Providers are ready to answer any questions you may have regarding more specifics on this offer.

## Hytrol's ViperSort - Small Item Sorter

- Sorts small to medium size products at rates up to 120 items per minute
- Conveyed on modular plastic conveyor belt
- Diverted by high-speed, right-angle pushers onto take-away lines or chutes



# Exploring hytrol.com

## • The Case Study Library

The Hytrol web site contains an extensive library of case studies featuring Hytrol installations. If you would like to see how Hytrol conveyors handle different kinds and sizes of products - perhaps even a product similar to yours - check out this library.

On the home page of Hytrol.com, click on the "Case Studies" link. You'll be taken to the Case Studies listing. Scroll down the list until you see an installation that interests you and simply click on the name. As an example, we are showing the "Rocky Shoes & Boots" installation. You can then scroll down and read all about this system.

The case studies are divided into sixteen groups, and each installation is identified by the SIC (Standard Industrial Classification) number.

If a case study looks interesting, and you would like to have more information, your local Hytrol distributor is just a phone call, fax, or e-mail away. If you are interested in a new or replacement conveyor system for your operation, they can help. They have the experience and expertise you need.

**System Profile: Rocky Shoes & Boots, Inc. SIC: 3143**

### Rocky Shoes & Boots Cuts Distribution Costs

In 1998, Rocky Shoes & Boots, Inc., based in Nelsonville, Ohio, came to a fork in the road as distributor demand had far outpaced capacity, and company directors were struggling to coordinate distribution of products that were housed in four different facilities. Space constraints in the old facility and the growing popularity of their outdoor shoes, boots and apparel had forced operations to lease alternate space. Unfortunately, ungainly and costly distribution methods and inventory accuracy challenges followed. A complex decision ensued. A new facility was clearly needed to consolidate operations, and along with it, more efficient picking and packing methods, but the new facility alone would far exceed the budget set aside for the consideration.

**Customer:** Rocky Shoes & Boots, Inc. Nelsonville, Ohio

**Distributor:** Hy-Tek Material Handling Columbus, Ohio

The Hytrol High Speed Sortation Conveyor (Model SC) sends boxes down the gravity chute to the appropriate packing lane.

The firm's Distribution Manager and MIS Director decided to contact Hy-Tek Material Handling, Inc. with a dual mission: to integrate distribution with the warehouse management software they had selected and to keep the project within budget.

As the leading manufacturer and distributor of Gore-Tex® footwear in North America, the company had simply outgrown their old facility. Installing the automated system allowed the firm to get ahead of the growth and meet their expansion goals.

The engineers at Hy-Tek designed an integrated system featuring wire guidance order pickers in a very narrow aisle rack setting. A wrap-around powered conveyor accessible from each aisle carries picked product through a 2D-line sortation system with scanner that soft-drops items into the appropriate packing lane.

A live roller conveyor then moves finished packages to the shipping area. The raised cartoned lanes with mezzanine allowed room for needed storage, return, and shipping areas. Customized software was designed to interface with the warehouse management system to track inventory, product retrieval, and sortation lanes. The system launched in June, 1999.

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[www.hytrol.com](http://www.hytrol.com)

# Current Spotlight Ads

MAY

**Slider Bed Belt Conveyor**

**Model SB**

- designed with channel frames and bolt-in pans
- ideal for matching up with roller bed conveyors
- center drive
- reversible

Learn more at [www.hytrol.com](http://www.hytrol.com)  
(870) 974-5642

JUNE

**Small Item Sorter Sweep Sort**

Learn more at [www.hytrol.com](http://www.hytrol.com)  
(870) 974-5642

- sweeps items at up to 140 items per minute
- items sorted in stations as close as 12 inches apart
- perfect for pharmaceutical, cosmetic and office supply sortation applications

**For more information go to**  
**[www.hytrol.com](http://www.hytrol.com)**