

MODERN MATERIALS HANDLING

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August 2012

**SPECIAL
LIFT TRUCK
ISSUE**

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#BXNDPGE *AULT0**5-DIGIT 30318 MIX COMMAT
#0086 5342 0285 6428# MMH
DAN HELMS
VICE PRESIDENT
CONVEYORS & DRIVES
1850C MCGARTHER BLVD NW
ATLANTA GA 30318-2024
PR098025
P0401

CONVEYOR HANDLES COMPLEXITY

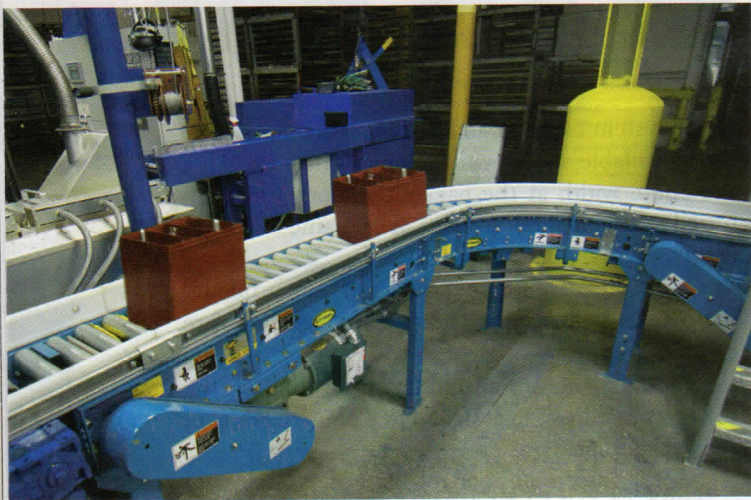
Trojan Battery improves efficiency with minimum pressure conveyor system.

Trojan Battery is the world's leading manufacturer of deep cycle batteries. The batteries are built to meet the complex requirements of today's advancing applications for the renewable energy, golf, heavy duty truck, serial/scissor lift, floor machine, RV and marine industries. But when looking to improve efficiency at its own manufacturing facility, the company realized it had some

close axle centers to maximize the system's capacity and maintain throughput. And, 1.9-inch diameter rollers and heavy duty UHMV guarding were used throughout the system for added strength in the abusive environment.

"The conveyors are robust enough for our harsh environment and help us to be as efficient as possible in our manufacturing process," said Eric Rueter, the company's director of process engineering.

This new system increased Trojan's battery production, reduced manufacturing costs, and created additional shipping capacity.



complex requirements of its own.

In its Lithonia, Ga., facility, the company was looking for ways to move the battery cases through machines during the pre-acid fill assembly process. Space was tight, the environment was harsh, and battery weight varied from empty plastic shells to 50-pound, lead-filled cases ready for acid filling and sealing.

The solution (Conveyors & Drives, condrides.com; Hytrol, hytrol.com) was a conveyor system that uses tight radius curves to avoid columns located throughout the facility and to keep the line moving efficiently.

The minimum pressure conveyors are set on

RISING TO THE CHALLENGE

Beverage distributor implements a conveyor and sortation system to process 200,000 bottles a day out of two Michigan warehouses.

When the liquor distribution network was privatized in Michigan, National Wine & Spirits became one of three authorized distribution agents to receive deliveries from producers, warehouse the liquor, accept and reconcile orders from more than 12,000 licensees and make approximately 8,000 weekly deliveries.

More than 350 suppliers of wine and spirits sell their products to National Wine & Spirits. The company distributes more than 7,000 products through a master warehouse in Brownstown, Mich., and a hyper-terminal in Grand Rapids.

National worked with a supplier (W&H Systems, whsystems.com) to automate the master warehouse