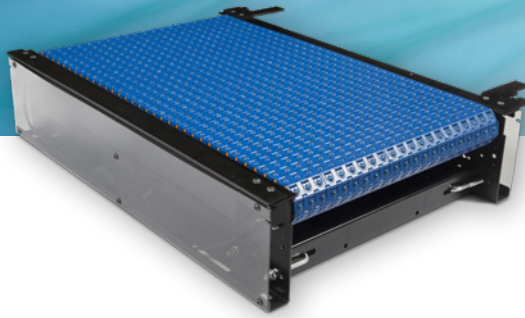


**SYSTEM
PLAST®**

MODSORT®



DISTRIBUTION WAREHOUSE MANAGEMENT SAVES \$90,000

SYSTEM PLAST® MODSORT® MODULE HELPS WAREHOUSE TEAM INCREASE EFFICIENCY AND GROW

APPLICATION

Warehouse Package Handling Conveyors

INDUSTRY

Unit Material Handling

SOLUTION TYPE

Increase automation, reduce costs, and decrease need to manually handle packages

DESCRIPTION OF PROBLEM

A large distribution warehouse team was experiencing business growth and challenged with package types changing from boxes to polybags. The polybags were placed into totes so workers could manually grab and sort packages. The totes also helped ensure proper package conveyance on existing equipment. However, the totes also increased manual labor and the time it took to sort the bags. The team spent 80 hours per week manually grabbing and pulling totes at a labor rate of \$21.50 per hour. The warehouse management team needed to increase conveyor speeds to efficiently meet the growing demand and improve product handling.

DESCRIPTION OF SOLUTION

The System Plast Modsort divert and transfer module was installed to increase speed, reduce manual labor, and convey polybags without totes. It has no gaps or catch points and is designed to easily handle smaller packages like polybags. The Modsort module offers run-on-demand technology, runs on 24 volts, and is quiet, safe, and low maintenance. The Modsort module easily integrated into the warehouse's package handling process with professional installation and programming by a local integrator. Conveyor speeds were increased from 50 to 90ft/min, which increased productivity. Employees no longer need to manually grab and pull totes, and they are now working on higher value tasks. The team is saving \$90,000 annually in labor costs.



SYSTEM PLAST® MODSORT® MODULE



SYSTEM PLAST MODSORT MODULE BENEFITS:

- Ability to transfer a wide array of products
- Mechanical lift unneeded (only two means of motion required)
- Run smaller packages without “gaps” associated with pop-up transfer modules
- Ideal for handling polybags and smaller packages
- Utilizes unique System Plast 2253 Roller Top belt technology
- Zero contact, zero pressure accumulation
- Run-on-demand technology
- Low noise and low voltage (24VDC, no conduit required)
- Energy savings as high as 50%-60% as compared to traditional conveyors
- Easy maintenance through minimum spare parts requirements
- High resolution package control

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APPLICATION CONSIDERATIONS

The proper selection and application of products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates (“Regal”) with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer’s risk.

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