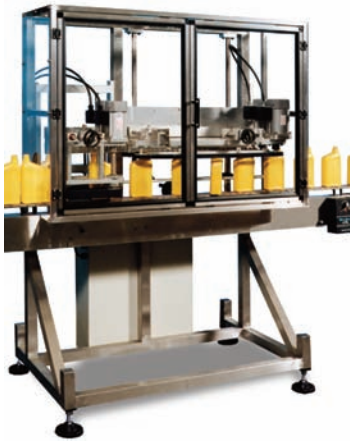


SOLUTIONS IN ACTION

PACK EXPO 2008



*New England Machinery's
Model NEHCPE Compact Unscrambler*



*Model SOE-3 Secondary Orienter
from New England Machinery*



Booth No. S-1648

New England Machinery, Inc. (NEM) designs and manufactures both standard and custom engineered packaging equipment for a wide range of industries and company sizes. They are showcasing a wide variety of packaging machinery, including three unscramblers, two orienters, a retorquer, hopper elevators, cap sorter, and a gap transfer machine.

Most of the machines made by New England Machinery use a fully integrated control system using Rockwell Automation control products that deliver productivity, flexibility and quality benefits. The Allen-Bradley® MicroLogix™ Programmable Logic Controller (PLC) manages machine sequence, while helping integrate seamlessly with other machines on the packaging line.

Critical data and production information generated by the controllers can be displayed on an Allen-Bradley PanelView™ Plus human-machine interface. Easy, operator-friendly access to this information enables end users to improve machine throughput while minimizing training, integration and maintenance costs. Management and senior executives at the plant have access to this information through an EtherNet/IP network, helping them to make better business decisions.

In addition to incorporating control solutions from Rockwell Automation into its machines, New England Machinery uses Allen-Bradley PowerFlex® drives from Rockwell Automation to provide powerful speed control for its machines. Both New England and its end users benefit from the availability of parts and global support provided by Rockwell Automation.

Solutions in action at Pack Expo 2008



*Allen-Bradley® MicroLogix™ 1000
Programmable Logic Controller*



*Allen-Bradley® PowerFlex® 4
Variable Frequency Drive*

Model NEHCPE Compact Unscrambler

At the start of the packaging line, an integrated hopper elevator feeds empty containers to the Model NEHCPE unscrambler. The unscrambler feeds them single file on to the conveyor for further processing. Ideal for the food and pharmaceutical industries, the Model NEHCPE comes in a totally enclosed cabinet that protects the containers from air-borne dust and particulation. The NEHCPE reaches speeds up to 500 containers per minute and offers a small footprint due to a fully-integrated hopper.

Model SO-4 Secondary Orienter

NEM's SO-4 is designed to accept and convey rectangular, square and round bottles with centered necks and/or handles and orient them. The SO-4 distinguishes the bottle's incoming orientation based on container symmetry, using a variety of inspection methods, and orients the bottles accordingly. The bottles will face the same way to suit the downstream packaging operation. The SO-4 can orient 90, 180, or 270 degrees depending upon inspection results.

The SO-4 is a self-contained, freestanding unit. It has a low profile, ergonomic design and offers easy access for changeovers. It is installed by sliding up to the existing conveyor. The simple (hand crank or electric) height adjustment allows it to be raised when not in use and lowered for the next changeover.

The SO-4 offers smooth continuous motion, advanced custom design incorporating non-marring transfer belts. It is capable of up to 150 containers per minute, depending on the bottle size.

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