



Model NEHE Unscrambler, shown without guarding frame.

The New England Machinery Model NEHE Plastic Bottle Unscrambling System is the economical way to automate your container handling operations. Based on the exclusive, time-proven, New England bottle unscrambling concept, the NEHE easily achieves customer's specified speeds, while providing many added benefits.

These include rapid and repeatable changeover, non-scuff padded bottle handling surfaces and an open design for easy maintenance, all in a space saving footprint.

The Model NEHE is specially designed for handling non-tapered bottles at speeds to meet nearly any customer requirement. This is due to the use of high efficiency, non-scuffing transfer belts and pads. Proven machine concepts show belt-based designs as the superior method for achieving speed, while minimizing bottle damage. Further, the use of transfer belts and pads eliminates the need for rails, buckets and pocketed components whose inherent designs add considerable time to the changeover process. As a comparison, the Model NEHE can be completely size changed, with a modular change part kit, in 10-15 minutes by a single operator.



The NEHE with NEM 20 cu. ft. hopper elevator and guarding frame shown.

FEATURES & BENEFITS

- Designed for non-tapered bottles
- Non-scuff, non-marring padded surfaces
- Economical speed to cost performance ratio
- Rapid and repeatable changeover features using modular change part kits
- High quality aluminum and stainless steel construction
- Small footprint/output ratio
- On-demand operation with backlog eye
- Designed without vibrating mechanisms
- Standard 36" bowl: 48" and 60" bowls are available as options
- Soft start and stop
- Open design for easy maintenance
- Clear acrylic safety guards
- Allen-Bradley PLC
- SCR variable speed controls



NEW ENGLAND MACHINERY, INC.

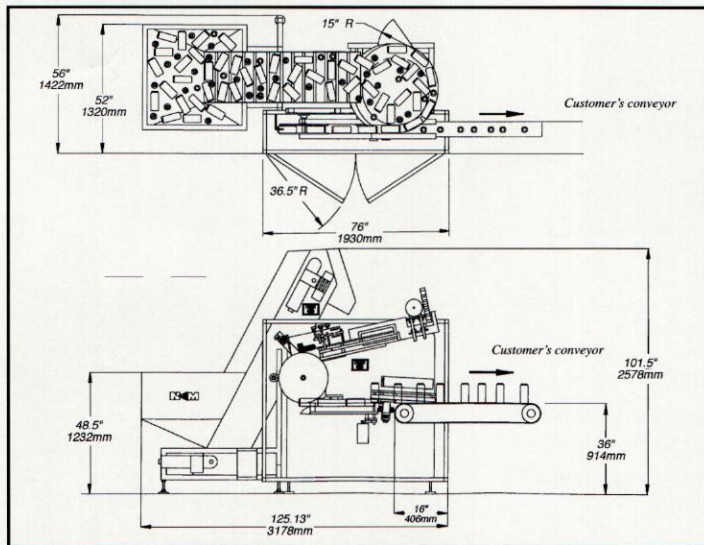
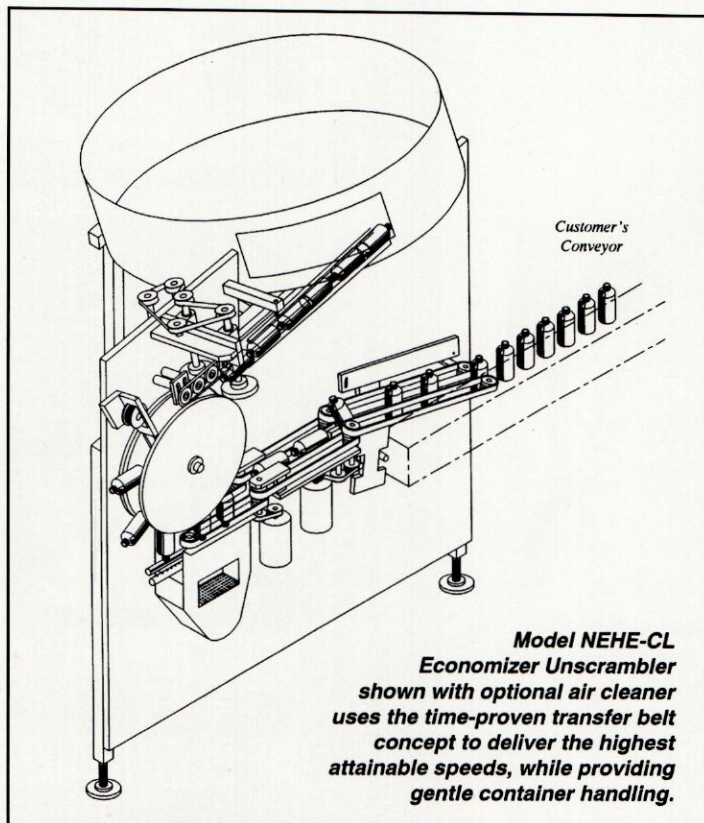
MODEL NEHE UNSCRAMBLER

"THE ECONOMIZER"

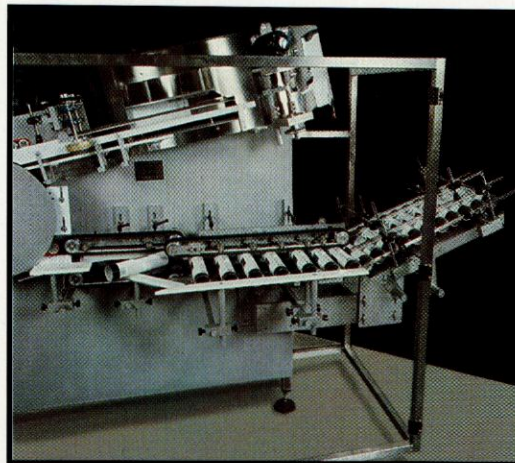


**SPACE SAVING,
HIGH EFFICIENCY
UNSCRAMBLING SYSTEM
FOR THE FOOD, BEVERAGE,
PHARMACEUTICAL, CHEMICAL,
AUTOMOTIVE, HOUSEHOLD
AND PERSONAL CARE
PRODUCTS INDUSTRIES**

SPECIFICATIONS



Typical Plan and Profile views



The New England Roll Ramp Discharge is available as an option on the NEHE Unscrambling System.

Specifications

POWER	115V/1Ø/60 Hz/20 Amps
RATING	NEMA-12
AIR	
Standard	5 cfm @ 80 psi
With Optional Air Cleaner	10-15 cfm @ 80 psi

Container Size Range:

	W/36" bowl	W/48" bowl	W/60" bowl
Height	7.00"	8.50"	10.00"
Minor Axis	0.625"-2.00"	0.625"-3.00"	0.625"-4.00"
Major Axis	0.625"-2.50"	0.625"-3.50"	0.625"-4.5"

Auxiliary Equipment:

- Hopper/Elevators with 20, 40, 60 or 100 cu. ft. capacities
- Inverting cleaner with ionized air blast and vacuum collection
- Non-contact coder interface
- Synchronization systems
- Roll ramp discharge
- Secondary orientation equipment
- Pucking systems
- Bottle inspection/rejection systems

Optional Equipment:

- Minimum tools changeover feature
- Safety interlocks on guard doors
- NEMA 4 (washdown) or NEMA 7 (explosion proof) electrical
- Bowl, or hopper/elevator dust covers
- 50 Hz and other input voltages
- Interfacing to customer PC and/or PLC for centralized control
- Bottle/minute counter
- Spare parts kits
- Low hopper level indicator
- Custom engineered functions
- Bottle inspection/rejection systems
- Extended ranges
- UL Listing available
- Clear or smoked polycarbonate guarding upgrade from clear acrylic



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Changes in machine design or specifications are a result of continual machine improvement and New England Machinery, Inc. reserves the right to change specifications without prior notice.