

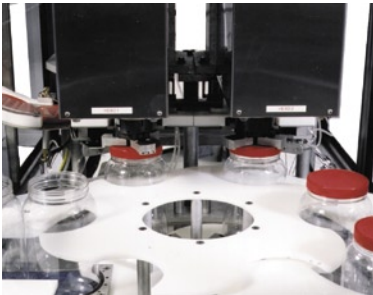


## Dual Head Capping System

## Model: NEDHC



NEDHC Dual Head Capper



Close-up of capping area

The New England Machinery Model NEDHC Dual Head Capping System is a complete capping system which includes the cap bulk supply, cap orienting and delivery, cap placement and tightening, and container ingress, staging and discharge onto the customer-supplied existing conveyor. Featured in the design of this machine are two independent capping stations, multi-position indexing rotary container starwheel, and one bulk supply orienting system.

**Versatile** - The combination of the multi-purpose indexing starwheel and multi-station head provides a robust machine platform to integrate and perform other sequential packaging processes, such as plugging, labeling and inspecting.

**Gentle Handling** - Non-scuffing, no tools, quick change collets allow for gentle positive grip. The cap chuck heads are designed to eliminate cross threading and outer cap surface damage while applying consistent torque.

**Speed** - The NEDHC Dual Head Capping System provides positive capping of two containers per machine cycle, thereby increasing throughput rates and overall line efficiencies in a compact footprint.

### NEDHC Snapshot:

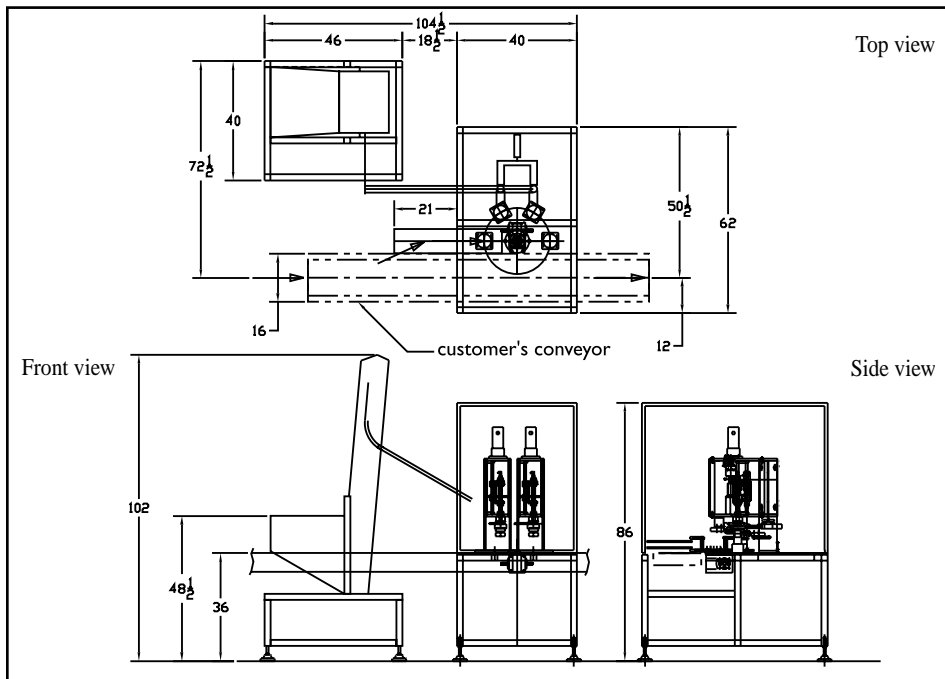
- Tubular 304 stainless steel welded frame
- 6061 aluminum
- Clean, non-painted, non-marring surfaces
- Easy changeover modular change parts
- Non-scuff collets for gentle, positive grip
- No tools quick change collets
- Torque adjustable without the use of tools
- Handwheel adjustments for bottle height change
- Clear acrylic guard with stainless steel lower frame cover
- Safety interlocks on all guard doors
- Adjustable discharge height 36" ± 2"
- High floor clearance
- Smoothed and polished welds
- Operations and maintenance manual
- Direct discharge to customer's constant speed, continuous motion, non-stopping conveyor
- Low air safety shut off

**New England Machinery, Inc.**

*Innovators In Container Handling Systems* . . . . .



## NEDHC Specifications



### BENEFITS

- Easy changeover
- Smooth, safe cap handling – no burning or marring
- Accurately aligned placement of cap
- No clutch wear parts
- Accurate and repeatable applied torque
- Capable of handling caps up to 120 mm

### ELECTRICAL FEATURES

- NEMA-12 electrical
- 220 volt, single phase, 60 Hz, input requiring 20 amp service
- Backlog photo-eye with automatic stop and restart
- Allen-Bradley Micro Logix 1200 PLC
- TEFC (totally enclosed fan cooled) AC Motors
- AC Drives

### PNEUMATICS

- 5-20 cfm. @ 80 psi. clean, dry, compressed air

*NEDHC dual head capper can be configured to any customer specification, upon request.*

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

NEDHC 05/06

### Optional Equipment

- Anodized aluminum
- NEMA-4 (wash down)
- NEMA-7 (explosion proof)
- Transformer for different input voltages
- Missing cap/lid detector/ container rejecter
- Change from standard discharge height 36"± 2"
- Left-hand discharge
- Low cap/lid level warning
- Digital container counter (bottles per minute)
- Heavy duty lockable caster wheels
- Additional emergency "E" stop(s)
- HMI (human machine interface)
- Spare parts kit
- Nitrogen purging
- Servo motors
- Jam detection package
- Light stack for machine status with annunciator
- PLC upgrades
- Torque adjustable without the use of tools
- Cluster central lubrication for hopper elevator
- Extended range for oversized containers
- Minimum tools quick change feature
- Upgrade to polycarbonate guard package