

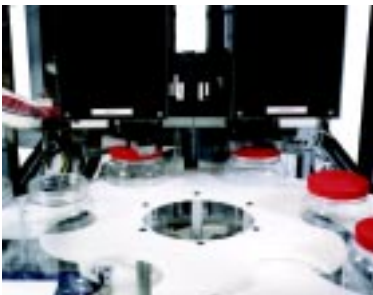


Dual Head Capper System

Model: NEDHCE



NEDHCE Dual Head Capper



Close-up of capping area

The New England Machinery Model NEDHCE 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. The NEDHCE Dual Head Capping System provides a positive capping means to two

containers per machine cycle thereby increasing throughput rates and overall line efficiencies in a compact footprint.

The operation of the NEDHCE Dual Head Capping System is simple. Caps are retrieved from the bulk supply hopper, oriented by an elevator orienter, or by a sorting bowl, and transported to the Dual Head Capping stations. This single lane flow method provides simplicity in materials handling. The cap selection and application process is also straight-forward. Utilizing our patented Cap Chuck Head, caps are selected, gripped and applied to the customer's desired application torque. The Cap Chuck Head is designed to eliminate cross threading and outer cap surface damage while applying desired application torques within +/- 0.5 in-lb.

The combination of the multi-position indexing starwheel and multi-station head is a solid machine platform to integrate and perform other sequential packaging processes, such as plugging, labeling and inspecting. Contact New England Machinery for further details.

NEDHCE Snapshot:

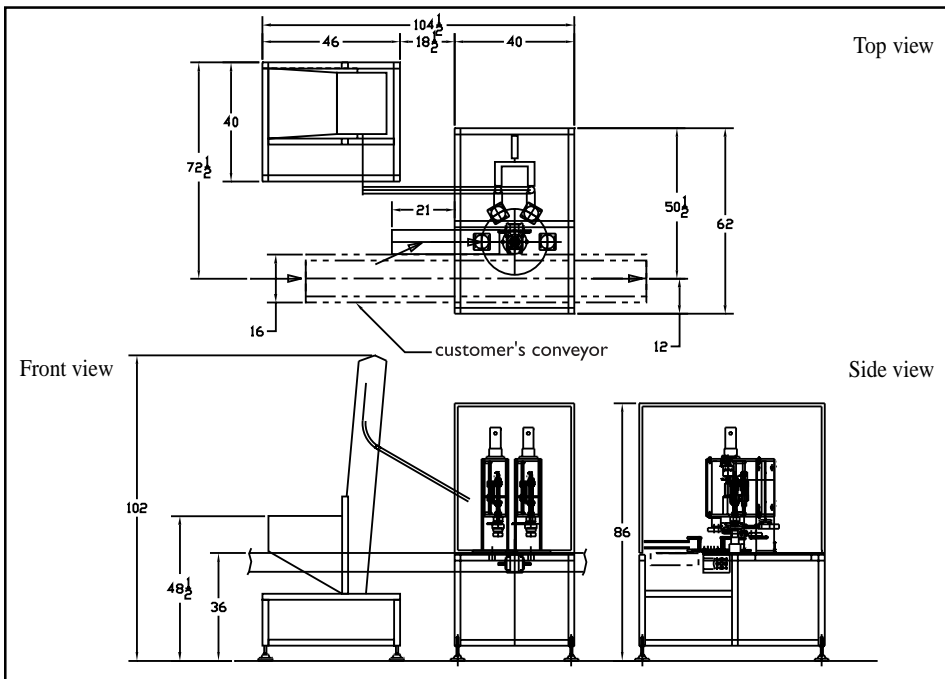
- Tubular 304 stainless steel welded frame
- 6061 aluminum
- Clean, non-painted, non-marring surfaces
- Easy changeover modular change parts
- Non-scuff collets for gentle, positive grip
- No tools quick change collets
- Torque adjustable without the use of tools
- Handwheel adjustments for bottle height change
- Clear 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

New England Machinery, Inc.

Innovators In Container Handling Systems



NEDHCE Specifications



BENEFITS

- Easy changeover
- Smooth, safe cap handling – no burning or marring
- Accurately aligned placement of cap
- No clutch wear parts
- Accurate torque +/- .5 in-lb
- 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 AC Motors
- AC Drives

PNEUMATICS

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

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)
- Low air safety shut off
- Spare parts kit

NEDHCE 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.

NEDHCE 08/03