

## VERSA CAP

This high-performance straight through capper is designed to handle a wide range of cap shapes and sizes. It is easy to run, easy to adjust and uses a minimum of components to provide versatile, high quality capping.

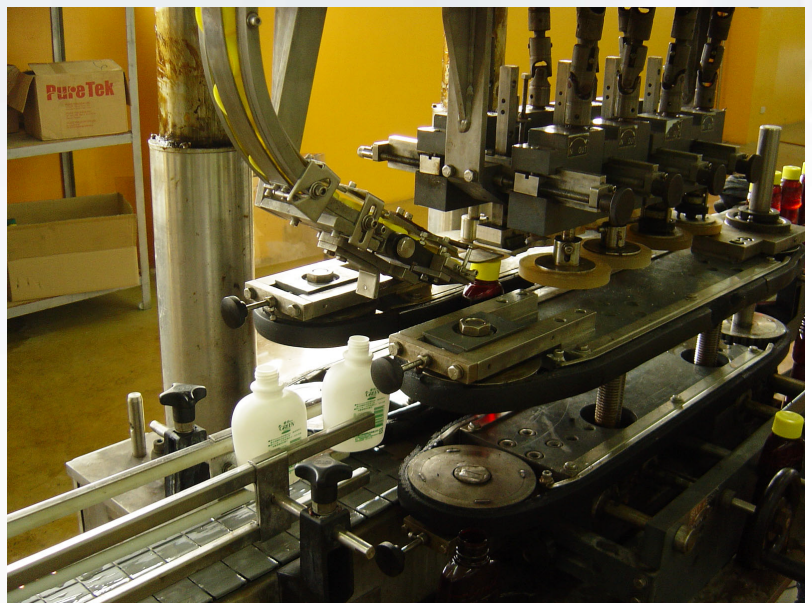
Cushioned gripper belts are adjustable to move randomly spaced containers of nearly any size and shape smoothly through the capping operation without the need for timing stars or feed screws. Caps are positioned from a chute in the cap escapement assembly, picked up by the container neck finish and positioned for tightening. An independently driven overhead assembly with matching sets of polyurethane discs assures tight capping. The first set of discs gives caps a quick initial twist. The next set of discs draws the cap onto the container neck. The cap sorter, tightening discs, and machine/conveyor are controlled through three electronically controlled variable speed drives.

The Versa Cap is supplied with a pin ring dial sorter. A photoelectric sensor in the cap chute controls cap backlog between the sorter and cap chute end. Vibratory or centrifugal sorters are available to handle special cap configurations.

The Versa Cap is designed for rapid change over by using a minimum of cap size change parts. One sorter, chute, and adjustable chute end can handle most caps in either the 13-38mm or 38-70mm size range. A simple quick-change adjustable chute end that snaps into position without tools is needed for each major cap size variation.

### SPECIAL VERSA CAP ADAPTATIONS

The Versa Cap can be used as a mono-capper in conjunction with any high-speed Cozzoli rotary filler in a monoblock design. Combined drives and controls result in a compact, space-saving, cost efficient filler/capper combination which is easy to operate, changeover and maintain. Snap capping, overcapping and fitment inserting can also be readily accomplished on the versatile Versa Cap.



## OPTIONS

- Increased hopper size for added capacity
- Division dial and inner ring for caps whose height exceeds their diameter
- Profile sorting ring for caps with irregular shape
- Vibratory or centrifugal sorters available
- Additional cap chute end, cap stabilizer and wiper for caps with special shapes
- Cap delay for capping plastic "F" style jugs
- Additional tightening disc stations
- Automatic wear compensation for tightening disc stations moves wheels in toward centerline when wear is experienced
- Tightening disc clutches
- Elevation screws for quick height adjustment of bottle gripper belts
- Second set of bottle gripper belts for unstable bottles
- Stainless steel top cabinet plate
- NEMA 4 watertight and NEMA 7 explosion-proof electricals
- Special corrosive environment package
- Spare parts kit
- Snap-cap pressing package for use in addition to or in lieu of screw-on type mechanism
- Monoblock filler/capper design (see below)
- Overcapper or fitment inserter design

## STANDARD FEATURES

- Fully automatic operation
- Rotary vertical cap sorter and feeder with pin sorting wheel
- Stainless steel cap chute
- Custom designed cap chute spacers
- Adjustable cap chute end with cap stabilizer and wiper
- Photoelectric cap chute sensor to control cap backlog
- Two sets of tightening stations
- One set of bottle gripper belts synchronized to conveyor drive
- Stainless steel conveyor with 4.5" (114.3mm) Delrin plastic flat top chain with variable speed drive
- Aluminum top cabinet plate
- Lexan plastic guarding surrounding capping area
- Fully wired to 230 volt, 60 cycle, 3 phase NEMA 12 standards

<b>Torquing Mechanism</b>	2 pairs of rotating wheels
<b>Motion</b>	Inline, continuous
<b>Closure Types</b>	Continuous thread or snap-on, plastic or metal
<b>Closure Sizes</b>	13mm to 70mm*
<b>Min/Max Container Diameter</b>	38mm/180mm 1.5"/7.0"
<b>Min/Max Container Height</b>	50mm/380mm 2.0"/15.0"
<b>Containers per Minute</b>	Up to 250 cpm
<b>Conveyor</b>	
<b>Delrin Chain Length</b>	114mm 4.5"
<b>Height</b>	240cm 8'
<b>Travel</b>	812mm - 914mm 32" - 36"
<b>Container Handling</b>	Left to Right Gripper belts

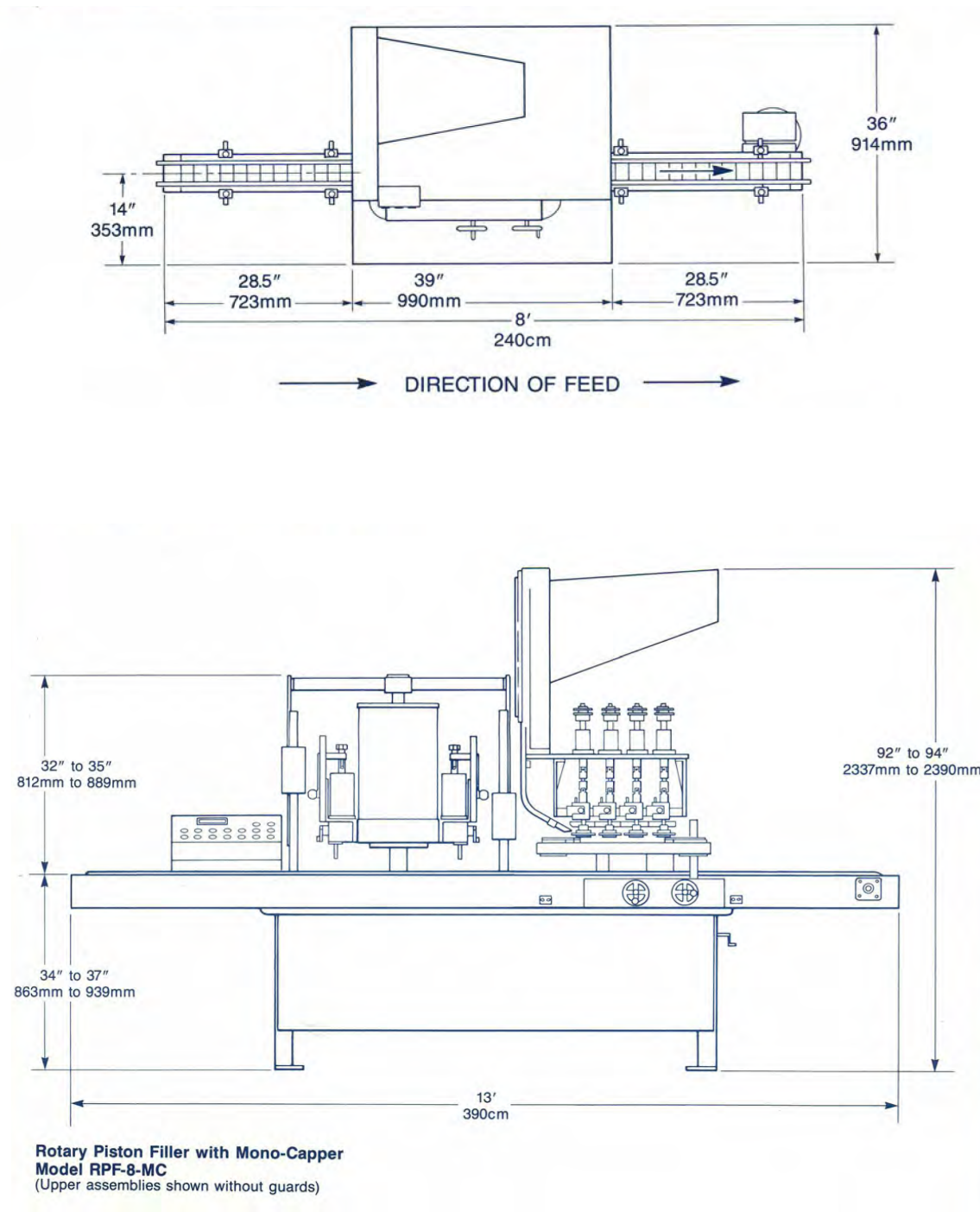
<b>Cap Feeding</b>	Vertical pinwheel
<b>Air Requirements</b>	None
<b>Electrical</b>	230 volt, 3 phase, 60 cycle, NEMA 12 standard**
<b>Container Spacing</b>	Minimum 3" center to center
<b>Dimensions - Set Up</b>	2.4m x 0.9m x 2.3m 8.0' x 3.0' x 7.8'
<b>Dimensions - Crated L x W x H</b>	3.0m x 1.3m x 2.5m 10.0' x 4.2' x 8.2'
<b>Net Weight</b>	900 kg/2000 lbs.
<b>Gross Weight</b>	1080 kg/2400 lbs.
Can be combined with any high speed MRM Elgin rotary filler. (see drawing, page 3)	

\*Larger sizes can be accommodated.

\*\*Other electricals available. Please consult factory.



## SPECIFICATIONS



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