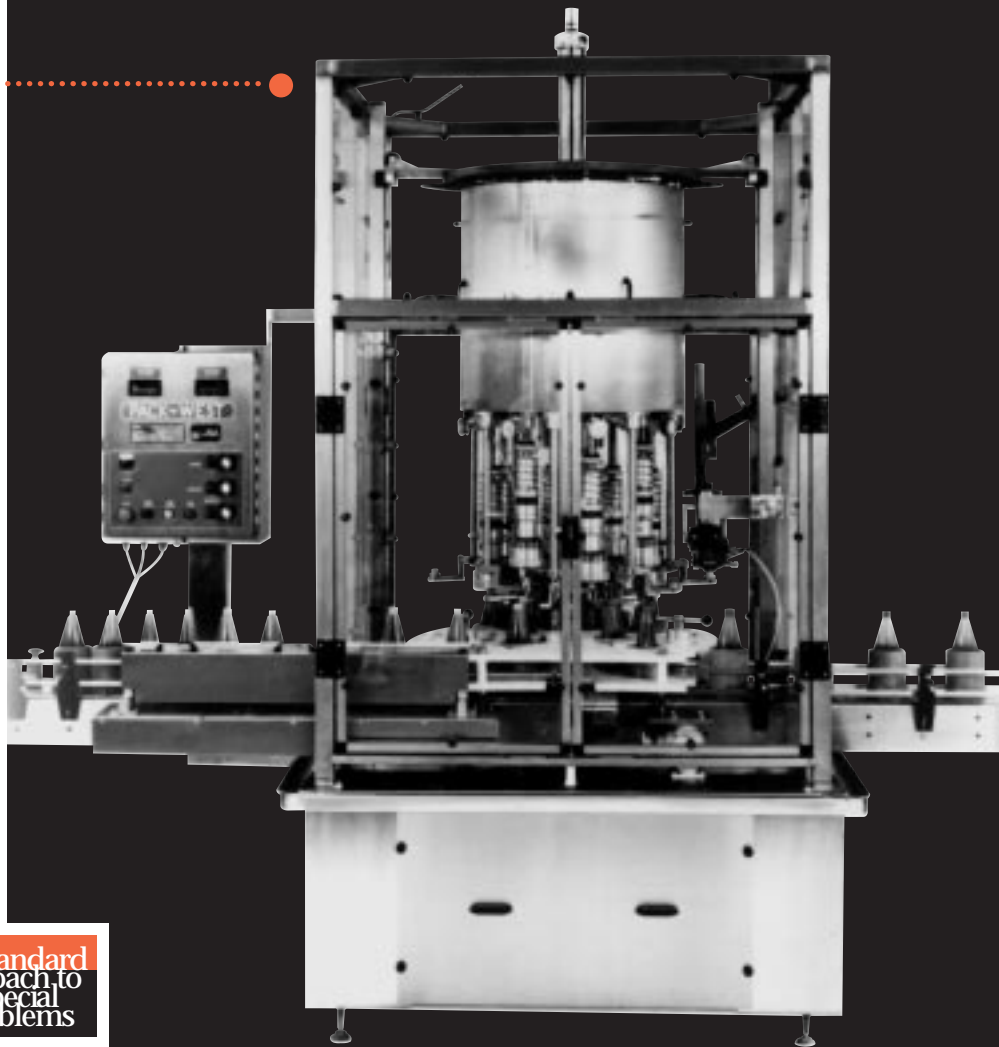


Royal Series Rotary High Speed Capper

The Greatest Value in Cappers

- Units are variable speed and designed in four, six, eight, ten, twelve, fourteen and sixteen head versions to handle cap sizes from 10 mm to 110 mm with line speeds up to 750 C.P.M.
- Handles a wide variety of container styles in glass, metal or plastic from fractional ounce up to one gallon.
- Container guides are fabricated of high density polyethylene to protect container artwork.
- Smooth – all mechanical motions.
- Constructed without any castings, these heavy duty units are entirely mechanically operated to offer years of trouble free service with very low maintenance.
- Applications for the food, pharmaceutical, cosmetic and chemical industries are designed to minimize changeover procedures.
- Air or magnetic activated torque clutches guarantee continual adjusted removal torque of caps and eliminates marring of cap skirts.
- Lexan windows with electrically interlocked access doors provide a full view of capping operations.
- These units are made in America with readily available standard drive components and S.A.E. fasteners.
- All parts CAD designed and CAM generated entirely on Pack West premises.

A Standard
Approach to
Special
Problems



Pack West offers a complete line of rotary cappers designed to meet your present as well as future needs in the food, cosmetic, pharmaceutical and chemical industries. These units are made in America with readily available standard drive components.

**PACK
WEST**
Precision Packaging Systems

Features and Specifications



Member of
**WESTERN
PACKAGING
ASSOCIATION**

Operation

The operating concept of this machine is very simple. Containers are fed into the attachment area via a feedscrew, which has been designed to match container size. This feedscrew then times the containers into the infeed star wheel which places the containers into their grippers. The grippers are cut to the specific diameter of the container which assures that the container is held securely. This eliminates container rotation or torque removal forfeiture, as torque is applied.

Closures are delivered to a pick-up button arm which delivers the closure to the chuck. The chuck is designed to match both the closure dimension as well as any serrations that may be present on the outside dimension of the cap. The chuck then pulls away from the pick-up button and is free to deliver the closure atop the specific container. Torque is then achieved by an air or magnetic clutch, located up in the head area of the capping assembly. Each chuck has an individual removal torque adjustment. After torque has been completed, the chuck will release and lift off of the container. A discharge star will then place it back on the conveyor line for further operations.

Features

- Machine deck, spill gutter, machine skirts, machine frame and shafting are all of stainless steel construction as standard
- Unit is designed with a ball detent adjustable torque limiter system which will free wheel the machine and shut down the drive systems
- A closed-loop type variable speed drive system insures accurate and consistent speed control
- Guards are of quick disconnect design requiring no tools for removal
- Changeover procedures are accomplished in a minimal time
- All mechanical chucks with easy change-out jaws
- Caliper operated gripper assembly

Options

- Stand alone or jack shaft models
- Mechanical, vertical face sorting of closures
- Centrifugal bowl sorting systems
- Bulk part elevating systems
- Explosion-proof packages
- Chemical-resistant coatings for hostile environments
- Optic detection systems to control machine speeds or shut down if post capper operations go down
- Many more options, too numerous to list, are available

The process of Rotary Capping is a unique one. Each and every unit must be constructed with the customers specific needs designed into it. This includes looking into the future. The possible need to change the design or material a container is constructed of can be easily accommodated, as can the need to increase production outputs.

There can be no compromise when it comes to our customers requirements. We understand this. That is why we are able to design and offer a wide variety of options and guarantee the performance of our units. No one builds them better.

Contact your area representative or Pack West Machinery for a standard approach to your packaging needs.

4505 Little John Street,
Baldwin Park, California 91706
Phone: 626-814-4766
Fax: 626-814-1615
www.packwest.com

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