

RC Capper Series

Rotary Chuck Capping Systems



Key Features:

- Rotary speeds up to 240 CPM*
- Single machine adaptable to a wide range of caps and container sizes
- Two frame sizes with up to 20 AC motor drive chuck capping stations
- Equipped with standard friction style pick and place chuck heads
- Automatic “No Bottle - No Cap” sensor system
- High speed centrifugal cap orientation and delivery
- Powered height control and quick swap change parts for easy change-over
- Color touch screen controls with job memory
- Adjustable mechanical friction clutches

Options:

- Inspection rejection system for missing caps or induction seals
- Pneumatic or Magnetic clutch to ensure proper and repeatable torque
- Chuck head options
 - Vacuum assist friction style pick and place chuck head
for use with low profile or odd shaped closures such as the sweet candy dish closure
 - Custom knurled “low wear” chuck head
for caps with topography/ridges that would normally wear out the standard friction style inserts
- Optional mechanical or pneumatic neck grippers
Used to stabilize the neck of containers that have variation in neck location or when a weak walled container requires neck support so proper downward pressure and torque can be applied

B BINER ELLISON
High Speed Packaging Machinery
an ACCUTEK COMPANY

2980 Scott St, Vista CA 92081 • 760.734.4177 • Fax 760.734.4188
Email: sales@AccutekPackaging.com • AccutekPackaging.com

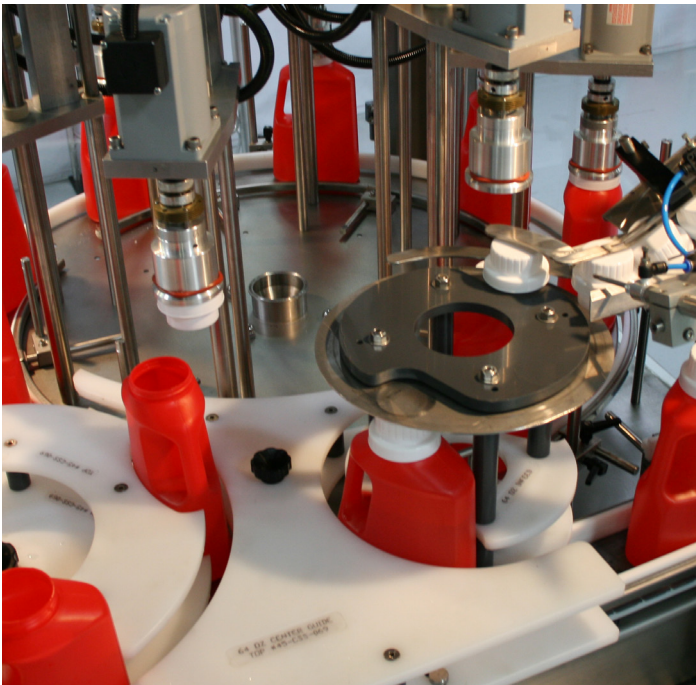
ACCUTEK
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RC Series Cappers

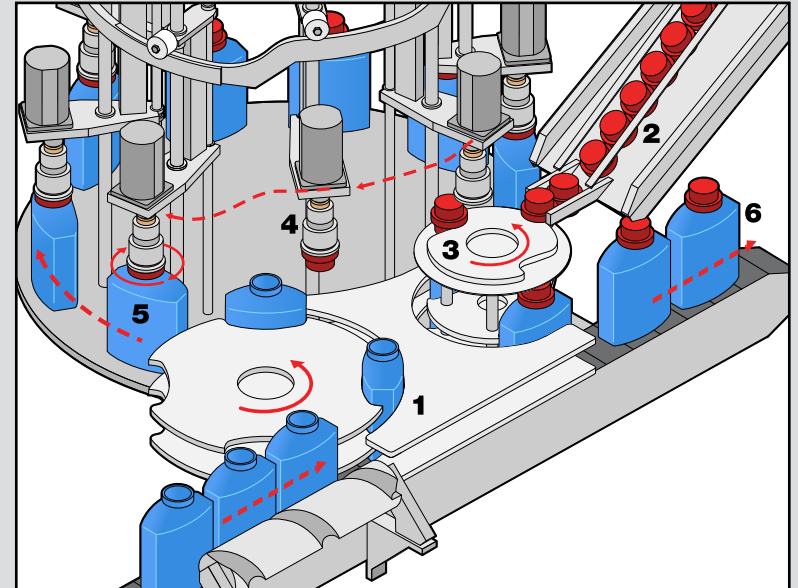
Rotary Chuck Capping Systems

The **Biner Ellison RC Series Cappers** are versatile rotary capping systems designed to complement high speed rotary bottling equipment. These flexible rotary cappers continuously sort, apply, and torque caps to a variety of different container sizes and shapes. RC Cappers come standard with mechanical friction clutches to ensure that accurate and uniform torque values are applied to each container for optimal closure results. They can be easily integrated into existing packaging lines or tailored to your new project's specifications.

The RC Series Cappers are available in two model sizes, the RC40 and the RC52, with operational speeds up to 140 CPM and 240 CPM respectively. (Higher speeds possible depending on container and cap characteristics.) Each RC Series Capper can accommodate a range of container and cap sizes with minimal change parts. This makes them the perfect capper for customers or contract packagers who plan to run multiple products on a single bottling line. All cappers feature color touch screen displays with a full management interface for complete efficiency control. Up to 99 job recipes can be saved making changeover from one project to another smooth and simple.



RC Capper "How it works"



1. Filled containers enter the capper via timing screw and in-feed star wheel.
2. Caps are delivered simultaneously down the cap chute from the cap sorting system.
3. The "Pick and Place" tooling moves caps into position for the capping heads to grab.
4. The chuck capping head with cap rotates around to meet with a container
5. The cap has been placed onto the container. As container and closure continue to rotate around the turret the chuck capping head will torque the cap in place.
6. Capped containers exit the system through the discharge bypass tooling and onward to a labeler or other packaging system.

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RC40 Capper

Rotary Chuck Capper (40" Turret)



Unit Specifications

Dimensions:	L 54" x W 61" x H 89" (137 cm x 155 cm x 226 cm)
Weight:	~2200 lbs. (1000 kg)
Electrical Requirements:	220/240 VAC, 20 AMP, 3 Phase
Air Requirements:	90 PSI @ 3 CFM

Output

Capping Speed:	Up to 140 CPM ¹
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Closure/Container Specifications

Standard Cap Size:	1" - 6" (25mm - 152mm) Outer Diameter
Standard Container Size:	1" - 6" (25mm - 152mm) Outer Diameter

¹ Capping speed is dependant on model, operator, and container characteristics. Additional options to accommodate specific applications or speed requirements extra.

RC52 Capper

Rotary Chuck Capper (52" Turret)



Unit Specifications

Dimensions:	62" x 73" x 89" (157.5 cm x 184.5 cm x 226 cm)
Weight:	~2350 lbs. (1065 kg)
Electrical Requirements:	220/240 VAC, 20 AMP, 3 Phase
Air Requirements:	90 PSI @ 3 CFM

Output

Capping Speed:	Up to 240 CPM ¹
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Closure/Container Specifications

Standard Cap Size:	1" - 6" (25mm - 152mm) Outer Diameter
Standard Container Size:	1" - 9" (25mm - 230mm) Outer Diameter

¹ Capping speed is dependant on model, operator, and container characteristics. Additional options to accommodate specific applications or speed requirements extra.