



JOLLY
Capping & Crimping
Machines



The Jolly Series of Cappers and Crimpers

In keeping with its heritage, the Capmatic "Jolly", meaning "Versatile" in Italian, lives up to its name as being one of the most multifaceted but economical cappers and crimpers on the market today. Easily integrated with your own or other Capmatic filling systems, the Jolly series of machines with their mechanical sequential movement are ideal for capping a wide variety of products with standard or unusual shaped caps or bottles at speeds up to 60 BPM*.

With its heavy duty frame and stainless steel covering, the Jolly's low profile design is easy to clean and maintain. All drive components are mounted out of the way above the starwheel assembly and are easily accessible for inspection and service.

Numeric reference counters on the hand wheel height adjustment system and dedicated change parts which can be installed in minutes with basic tools, make changeovers fast and simple. To ensure package integrity, each machine is equipped with a fail safe, no bottle/cap machine stop safety.

As with all Capmatic equipment, the Jolly Series of machines are precision built to cGMP specifications and tested to meet your exact requirements.

SuperJolly

The fully automatic SuperJolly can be configured to satisfy most capping requirements. Using Capmatic's standard mechanical pick and place system, caps are positioned accurately with the container as it is indexed along the starwheel.

For low density P.E.T. or H.P.D.E. soft plastic bottles the SuperJolly can be equipped with a three level starwheel providing a neck support system.



Cap Distribution System

As a dedicated capping and crimping machine, the Jolly Series of machines can be supplied with a choice of vibratory bowls or cap sorter elevators to suit the caps being applied. A quick release chuck assembly permits fast installation and setup for any of the following capping systems:

- Mechanical driven torquing station with magnetic clutch torque control, interchangeable with R.O.P.P. or crimping head.
- An air driven cap placement system with pre-spin station to ensure proper thread engagement with a separate pneumatic torquing station.
- An on the fly gravity fed aluminum cap placement system with heavy duty head for crimping or screw thread forming.
- True mechanical pick & place system using Capmatic's unique twist cam system.

To satisfy the broad range of bottle/cap combinations being specified in the packaging industry today, each of the Jolly Series of machines can be equipped to handle the following caps:

- screw
- child resistant
- screw-on pilfer proof
- snap caps
- j-caps
- screw aluminum
- crimped aluminum
- overcap
- flip-top cap
- most other available cap styles

◀ SuperJolly capper with pick and place system.

Basic Specifications

	minimum	maximum
■ Bottle Height:	30 mm (1.2")	310 mm (12")
■ Bottle Diameter:	20 mm (0.8")	150 mm (6")
■ Cap Diameter:	12 mm (0.5")	110 mm (4.3")
■ Size (HxWxD):	2000 x 1530 x 870 mm	
	(with Euroguard) 79" x 60" x 34"	
■ Weight:	545 kg (1200 lbs)	
■ Speed:	20 - 60 BPM*	
■ Power Supply:	220 V AC, 1 phase, 60hz	
■ Air Supply:	12 Cfm @ 90 psi	

* Subject to testing of actual samples.



▲ *Basic SuperJolly with pick and place capping system and neck support starwheel.*

Basic Jolly

Designed specifically for tightening screw caps, the Basic Jolly can be equipped with a cap distribution and automated bottle handling system or be configured as an economical semi-automatic machine requiring the operator to manually place the caps on the bottles.

Standard Features

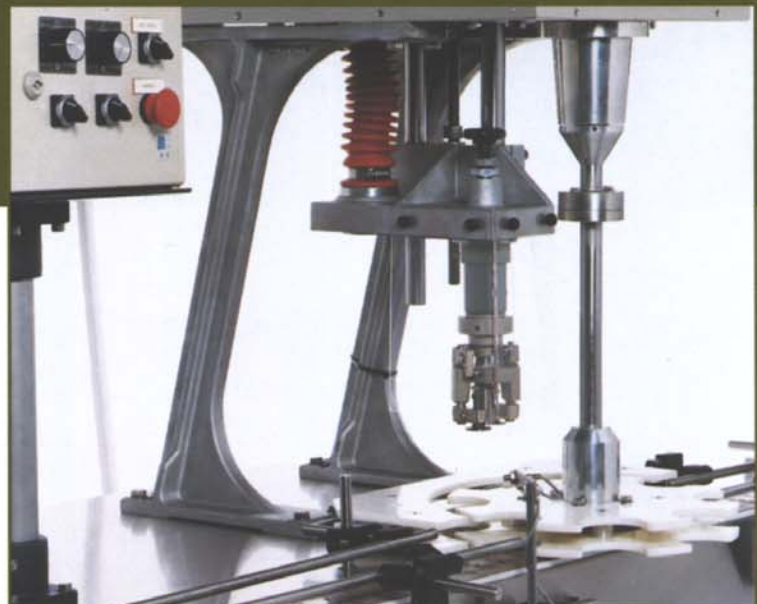
- **Numerically Controlled Height Adjustment** - to ensure repeatable setups of previous production runs.
- **Minimal Tool Changeovers** - to speed setup and reduce production downtime.
- **Pneumatic Bottle Clamp** - prevents round bottles from spinning.
- **Large Mushroom Emergency Button** - to allow operator to rapidly shut down the machine in the event of a problem.
- **Stainless Steel, Anodized Aluminum and UHMW Polyethylene Plastic Construction**

Semi-automatic Jolly Crimp with R.O.P.P. crimping head. ►

Jolly Crimp

The Jolly Crimp is designed specifically for R.O.P.P or crimping at speeds up to 60 BPM*. It is ideal for such items as crimping pumps on perfume bottles, sealing pharmaceutical vials or forming the screw threads on soft drink bottles.

This machine can be fully automatic or a stand alone semi-automatic crimper.



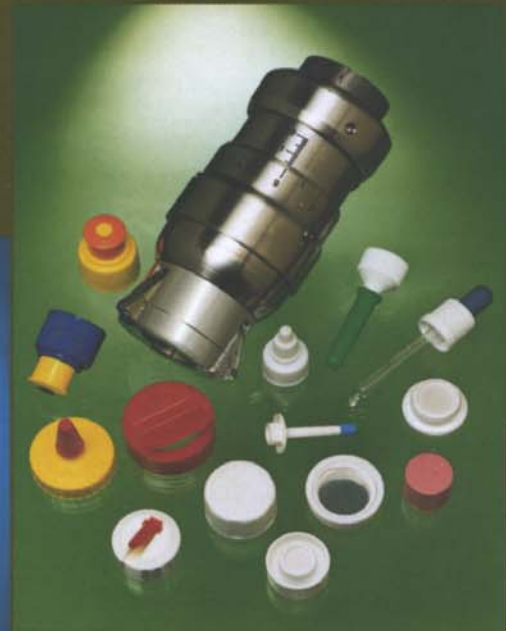


Optional Equipment

To accommodate the wide range of production requirements used today, the Jolly Series can be equipped to satisfy virtually any capping, crimping or plugging requirement with one or more of the following options.

- Automatic hopper or hopper elevator to feed caps into the vibratory bowl.
- Explosion resistant version.
- Touch screen panel control.
- Multicolored beacon lights to indicate machine status from a distance.
- Euroguard enclosures with interlocked doors.
- Cap sorter elevator.
- Crimping head station.
- Torque readout display that allows for accurate and calibratable measurement of actual cap and application torque. Includes single processor and 0 - 50 in. lb. load cell.
- A choice of various crimping and capping heads.
- Reject station for containers with missing caps or cross threaded caps.
- Silencer covers for vibratory bowls.
- ◀ Mini Cap semi-automatic tightening machine.

Photos of fully interchangeable ► mechanically driven R.O.P.P. crimping head on the left and magnetic clutch capping head on the right.





Capmatic has been designing and manufacturing innovative packaging solutions and systems for businesses around the world since 1965. As suppliers to the cosmetic, pharmaceutical, food, beverage and chemical industries, Capmatic equipment has earned an excellent reputation for engineering elegance, rugged construction and long term reliability. Shorter changeover times and higher yields are design features built into every Capmatic machine. When your thinking of modernizing your existing packaging line or installing new equipment, you can count on Capmatic for quality equipment, competitive prices and after sales support.



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Note: Capmatic reserves the right to make design and specification changes without notice to any equipment listed in this brochure.