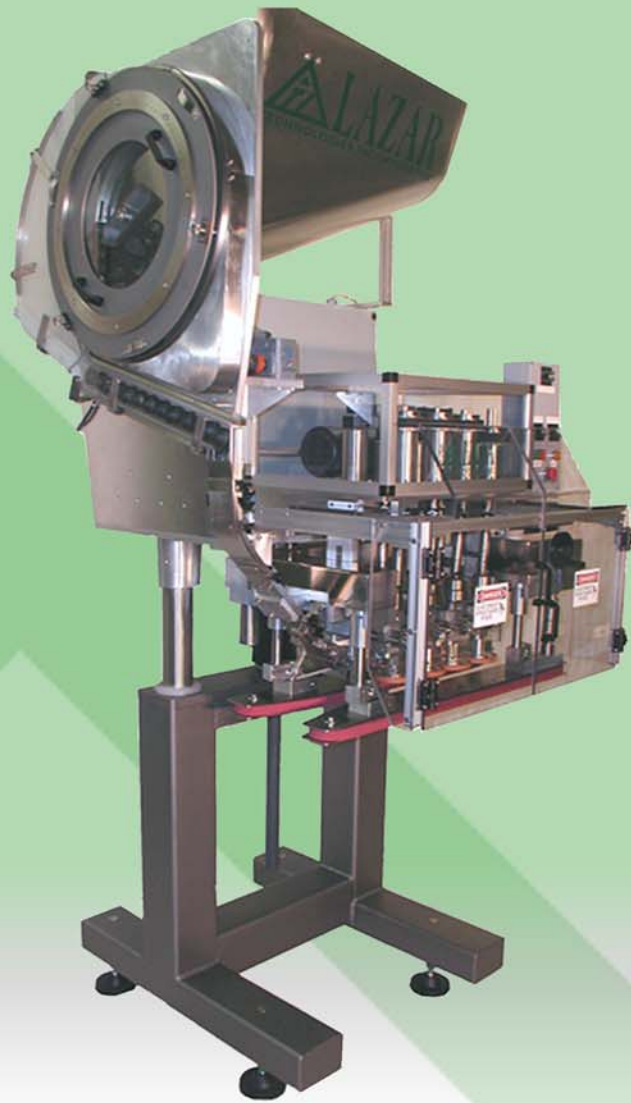


# Lazar Automatic In-Line Capper Model LC40

---



The **Lazar Automatic In-Line Capper Model LC40** is a **heavy duty** fully automatic in-line capper specifically designed to handle various cap sizes, sort and tighten the caps on containers to a pre-determined torque. It is also suitable to torque "hand placed" caps, spray pumps, finger pumps, and trigger sprayers.

**Adjustment:** The LC40 "**No Tool**" design allows the operator to make proper gripping and **height adjustments** quickly and accurately without the use of tools. Fast and simple machine adjustments are made using **crank handles, knobs**, and variable motor speed controls.

**Speed:** The LC40 is capable of applying **up to 400 caps per minute** (cpm) of sizes ranging from **10mm to 89mm**. Speed is ultimately determined by the container and cap size. Container size can be up to **1.5 gallons**. While most containers require only one set of gripper belts, the installation of an additional second set of belts is optional.

**Function:** The LC40 is equipped with a time-tested cap sorting system that is 99.9% accurate. The caps are sorted by a purely mechanical, **quick change-over** dial that never requires electronic adjustments or the use of air. A simple sensor is used to automatically feed the required amount of caps, thus providing hands-free cap sorting that promises **gentle cap handling**. The container spout picks the cap from the cap holder (chute-end). The container proceeds to the first tightening station where the cap is placed without cross-threading. The cap then enters the second and third and fourth station where the cap is tightened to a predetermined torque. The tightening stations use a patented heavy duty dry friction clutch designed to slip when the cap reaches the desired application torque.

**Reliability:** The LC40 is a heavy duty, time-tested design manufactured in the **U.S.A.** to last many years with trouble-free use and delivers a high degree of cap torque application and accuracy.

### Automatic Lazar Cap Sorter

The LC40 uses a time-tested dial style cap sorting system. The lightweight dial is aluminum treated with a "**hard coat**" to provide service free of maintenance for many years. The LCS-26 is designed for **quick change** applications. Change-over takes only ten minutes to place and adjust. The design is time-tested and **99.9%** accurate requiring no air or electronic sensor adjustments.



The LCS-26 is constructed with stainless steel and FDA-approved materials to fulfill the requirements of both the pharmaceutical and the food industries. In addition to these specifications, the LCS-26 features our "**Cap Overflow Extension**" which allows for a reserve of extra caps to accommodate faster cap selection and application.

## Quick Adjust Bottle Gripping

The LC40 bottle gripping system is designed for **quick change** applications thus making this equipment a favorite of line operators. The **"No Tool"** bottle gripping system is vertically and horizontally adjusted. This style of bottle gripping is designed for a wide range of container styles without additional change parts.



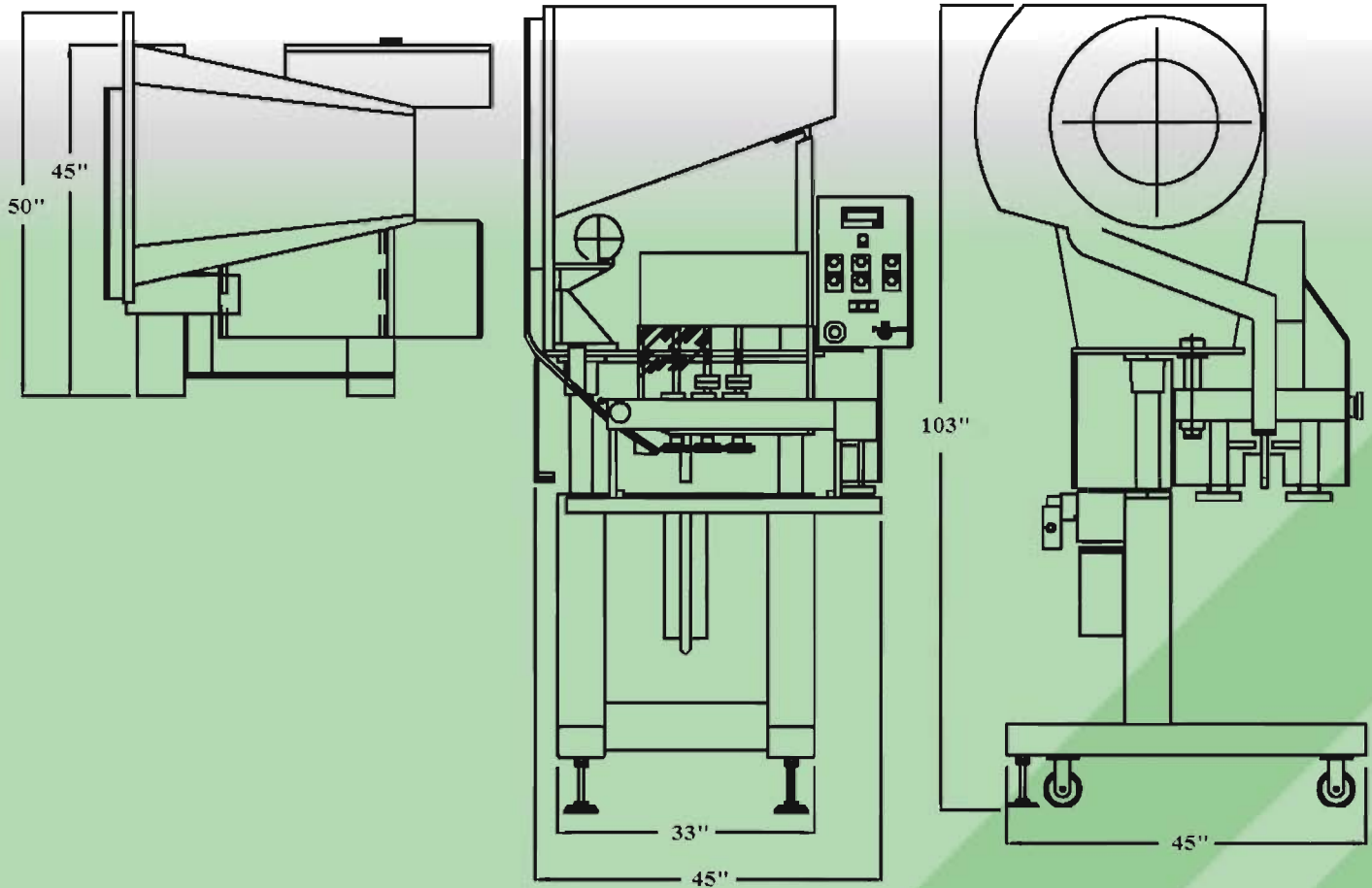
The LC40 uses a standard 1" belt style bottle gripping. Adjustments are from 0" to 6" (vertically) and accommodates .5" to 7.5" wide containers. For certain applications, double belts or use of 2" wide belts are optional. For special applications, shaped profile belts are also available. The LC30 uses a 1" diameter heavy duty gripper drive system.

## Safety Guards & Tightening Stations

The LC40 is designed with the maintenance mechanics and line operators in mind. The engineering implements time-tested design with new technological improvements. The **"Nothing Hidden"** concept employs clear polycarbonate guards allowing a clear view of the machine dynamics. The ability to observe the machine promotes prevention and results in the reduction of total down-time.



Adjustable heavy duty dry friction clutches assure an accurate and consistent cap torque application. The clever **"Swing-Away"** cap tightening stations are designed to give for more delicate applications or stiffen for higher torque requirements. The design also allows quick removal of cap tightening stations for easy maintenance.



### Machine Specifications:

Maximum Speed: 400 cpm (depending on cap/bottle)

Cap Size: 10mm to 70mm; 89 mm (special)

Container Size: Up to 1 gallon

Electrical Specifications: 115/240/460 VAC

Machine Dimensions: 48" W. x 47" L. x 103" H.

### Additional Options:

- Torque Read-Out **NEW**
- Container/Cap Counter
- Conveyor: Table-Top with Variable Speed Drive.
- Missing Cap Detection
- High Cap Detection
- Spacing Unit: Automatically creates equal space increments between each container.

MEMBER



Leading companies.  
Leading solutions.

**LAZAR TECHNOLOGIES INC.**  
39 EVERGREEN STREET  
HAZLET, NEW JERSEY 07730

PHONE: 732.739.9622  
FAX: 732.739.9610

[INFO@LAZARCAPPER.COM](mailto:INFO@LAZARCAPPER.COM)



LAZAR  
TECHNOLOGIES INC.