

Lazar Automatic In-Line Capper Model LC20-LCES



The **Lazar Automatic In-Line Capper Model LC20** is a **self contained**, low cost capping system 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 LC20 "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.

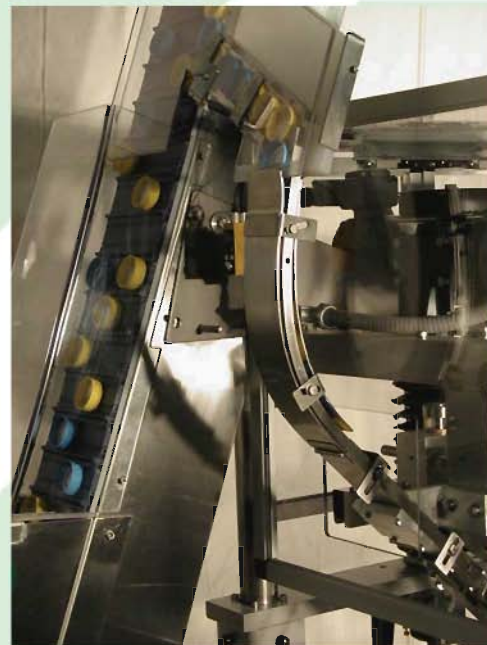
Speed: The LC20 is capable of applying **up to 90 caps per minute** (cpm) of sizes ranging from **10mm to 38mm**. Speed is ultimately determined by the container and cap size. Container size can be up to **1.5 gallons**. While most containers require only one set of gripper belts, the installation of an additional second set of belts is optional.

Function: The LC20 is equipped with a 5-1/2 cubic feet. stainless steel hopper for **easy floor loading** of the caps. The caps are picked and oriented, and transferred to a Stainless Steel cap chute. At the end of the chute, a specially designed Cap Chute-End holds the caps ready to be placed onto the container. A set of **(FDA approved)** bottle gripper belts firmly holds the container and conveys it to the Cap Chute-End. The container picks up the cap and transfers it to a unique "Cap Stabilizer". This **"Anti-Cock"** device insures proper cap placement of 400 series (shallow threaded) caps. The bottle and cap then moves to a second set of torque wheels that apply the required torque. These wheels are equipped with a heavy duty clutch to prevent over-torquing.

Reliability: The LC20 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.

Lazar Cap Elevator Sorter

The LC20 comes standard with a 6" Cap Elevator Sorter that ranges from 50 to 90 caps per minute. The LCES delivers properly oriented caps via a discharge chute on demand. The caps are elevated and oriented on a special, custom designed belt from the floor level bulk cap hopper. The LCES has an all stainless steel construction, NEMA 4 control panel, fiber optic sensors for feed control, and easy "No Tool" adjustable polycarbonate plastic cap guards—standard on the Model LCE



Quick Adjust Bottle Gripping

The LC20 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 LC20 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 LC20 uses a 1" diameter heavy duty gripper drive system.

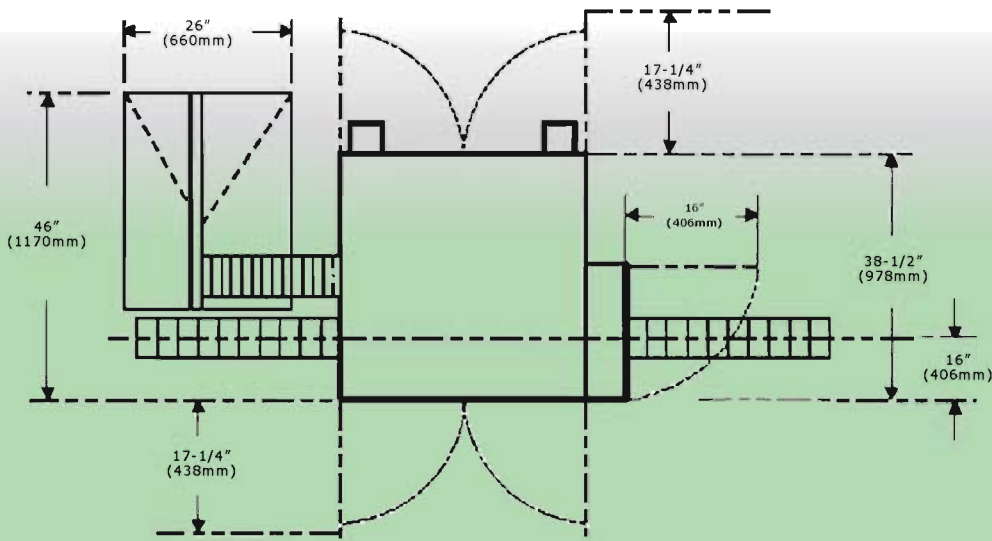
Safety Guards & Tightening Stations

The LC20 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.

Top of Machine
Product Flow →



Machine Specifications:

Maximum Speed: 90 cpm
(depending on cap/bottle)

Cap Size: 13-38mm

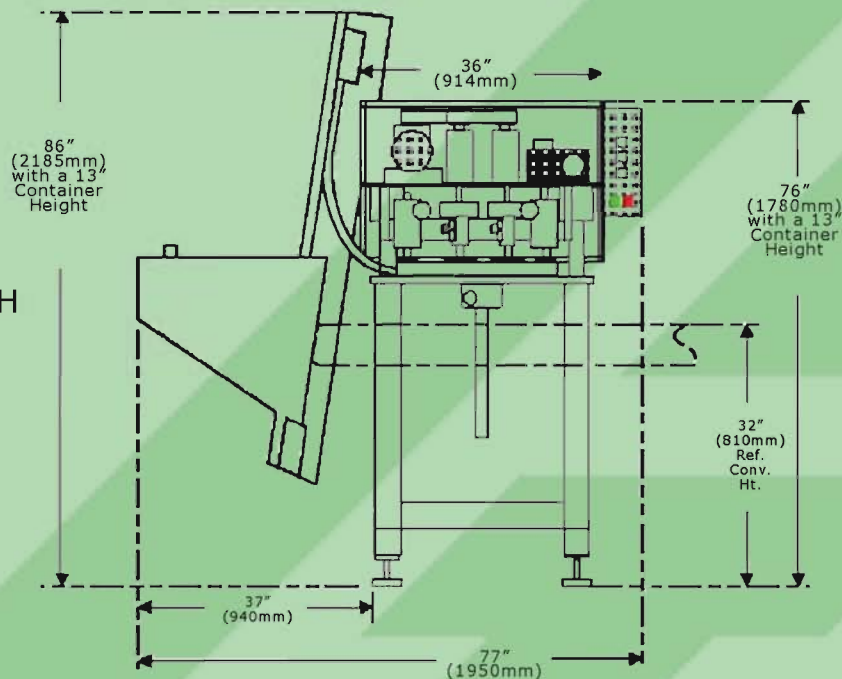
Container Size: Up to 1-1/2 gallon

Electrical Specifications: 120/240 Volt

Machine Dimensions: 46 W x 77 L x 70 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.



Front of Machine
Product Flow →

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