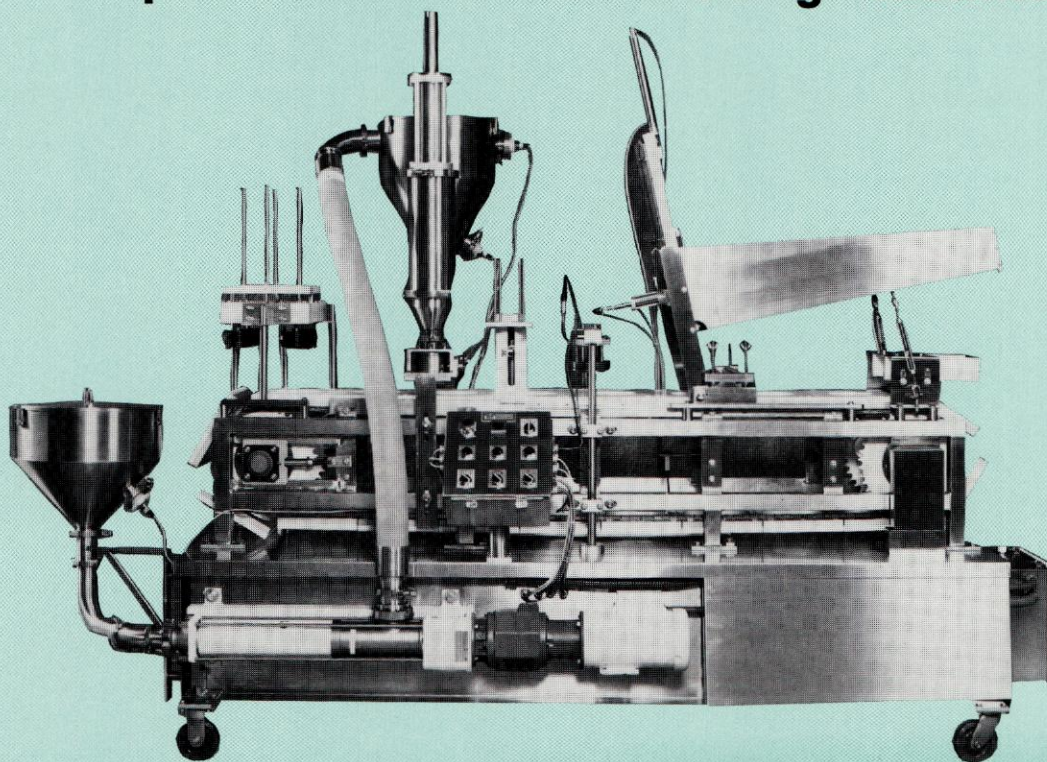


PHOENIX

ENGINEERING AND DESIGN, INC.

BUILDERS OF WORLD CLASS PACKAGING EQUIPMENT

Tamper-Evident C.T.L. Indexing Machine



The model CTL series machines are the product of years of hands-on experience in the international packaging industry. Our engineers have taken their years of experience in rebuilding and refurbishing used equipment to design and build a better new machine. What you see here are the results of that experience.

Our Model CTL comes in four different configurations for different production needs: the CTL-1, one-lane In-line; the CTL-2, two-lane In-line; the CTL-3, three-lane In-line; and the CTL-4, four-lane In-line.

C.T.L.-1: The CTL-1 one lane In-line will process container sizes from 3 to 9 inches in diameter with fill ranges from 8 ounces to 10 pounds. It will place a "Tamper-Evident" heat seal made of pre-cut die foil or roll film on container sizes from 3 to 4 1/2 inches--over 4 1/2 inches the machine will place a plastic overcap on the container without a seal. Depending upon the container size and product being filled, this unit will fill containers from approximately 30 to 45 containers per minute (C.P.M.) in all range sizes between 3 to 4 1/2 inches. The 10 pound size will produce an estimated 12 to 14 C.P.M.

C.T.L.-2: The CTL-2 two lane In-line will process container sizes from 3 to 5 inches in diameter, with fill ranges from 8 ounces up to 5 pounds. It will place a "Tamper-Evident" heat seal made of either roll film or pre-cut die foil. It can also place a plastic overcap with or without a seal in the full range of container sizes. Depending on the container size and product being filled, this machine will reach packaging speeds of approximately 60 to 100 C.P.M.

C.T.L.-3: The CTL-3 three lane In-line will process container sizes from 3 to 5 inches in diameter, with fill ranges from 8 ounces up to 5 pounds. It will place a "Tamper-Evident" heat seal made of either roll film or pre-cut die foil. It can also place a plastic overcap with or without a seal in the full range of container sizes. Depending on the container size and product being filled, this machine will reach packaging speeds of approximately 90 to 150 C.P.M.

C.T.L.-4: The CTL-4 four lane In-line will process container sizes from 3 to 5 inches in diameter, with fill ranges from 8 ounces to 5 pounds. It can place a "Tamper-Evident" heat seal made of either roll film or pre-cut die foil. It can also place a plastic overcap with or without a seal in the full range of container sizes. Depending on the container size and product being filled, this unit can reach packaging speeds of up to 120 to 200 C.P.M.

Highlighted Operations: These models will all automatically dispense containers in each lane. The fillers will product fill the containers--container present, fill and no container present, no fill--and apply a "Tamper-Evident" heat seal will roll film or pre-cut die foil. Please note that if roll stock is used, it must have random print. If required, a snap-on plastic overcap may also be placed.

3A, USDA and F.D.A. standards approved or pending.

"Tamper-Evident" C.T.L. Series Indexing Film Sealing Machines

Specifications:

Main Drive: Motor - Variable Speed

Controls: Standard equipment is a programmable limit switch P.L.S. and related electrical hardware. Electrical box and control box Nema 4x hose down
Optional: Allen Bradley P.L.C.

Container Dispenser and Container Size: Model C.T.L.-1
3 inch up to 9 inch dia. containers
Model C.T.L.-2; C.T.L.-3; C.T.L.-4
3 inch up to 5 inch dia. containers
The machine also may accommodate the following container shapes: rectangle, square, oval, hexagon, round, triangle, etc.

Waterproof Photo Eyes: Containers Present: Fill
No Containers: No Fill
Individual Lane Control

Product Filler: No drip fillers with 1/2% accuracy rate with most products. This is dependent on container volume, constant viscosity and temperature of product

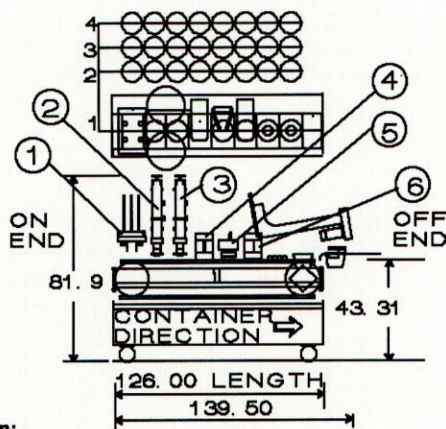
"Tamper-evident" The sealing element is totally waterproof

Knife: Serrated or die blade

Lid: Snap-on container overcap, with spinning rail feed and roll down seal plate; vacuum and/or mechanical shuttle, or 180 degree rotate pick and place as per requirement.

Off-end: The completed container product, filled and "Tamper-evident" sealed containers will automatically be removed from machine and placed on "off" rails.

One Lane Shown up to 4 Standard



Item Description:

- | | |
|---|---|
| 1. Container Dispenser | 4. Pre-cut Die Foil or Optional Roll Film |
| 2. Filler and Hopper #1 | 5. "Tamper Evident" Heat Seal |
| 3. Filler and Hopper #2
Optional 2/Product Fills | 6. Snap-on Plastic Over Cap
Case Packager (Optional) |

Standard Fills

- Apple Sauce
 - Bird Seed
 - Bread Crumbs
 - Catsup
 - Caviar
 - Cheeses
 - Chocolate Chips
 - Cole Slaw
 - Cooking Oils
 - Cottage Cheese
 - Diced Apples
 - Diced Peaches & Strawberries
 - Dry Dog & Cat Food
 - Dry Ground Coffee
 - Dry Fruits
 - Dry Ground Tea Leaves
 - Dips, Various
 - Fish Bait
 - Fish Ground
 - F.O.B. Fruit on Bottom With Yogurt Topping
 - Fruit Cocktail
 - Fruits
 - Gelatins
 - Glues
 - Granola
 - Italian Ice
- Jams
 - Jello
 - Juices
 - Margarine
 - Medical Products
 - Motor Oil
 - Mustard
 - Paint Samples
 - Peanuts
 - Pickle Relish
 - Peanut Butter
 - Popped Popcorn
 - Popcorn Kernels
 - Potato & Macaroni Salads
 - Powders
 - Pre-stirred Yogurt
 - Puddings
 - Raisins
 - Seeds
 - Salsa
 - Shampoo
 - Soup
 - Sour Cream
 - Spackling Compound
 - Water
 - Yogurt
- Other products to numerous to mention.

Specifications:

Floor Space C.T.L.-1 One Lane
126" x 14" x 81"H

Each Model: C.T.L.-2 Two Lane
126" x 22" x 81"H

C.T.L.-3 Three Lane
126" x 30" x 81"H

C.T.L.-4 Four Lane
126" x 38" x 81"H

Air Supply: 100 P.S.I. filtered dry air
(customer supplied)

Electrical Service: Standard 220 volts/single phase/60Hz/30 amps
(customer supplied)
Note: Customer must specify if other than standard electrical.



Phoenix Engineering & Design
Division of LP Productions Inc.

"Builders of World Class Packaging Equipment"

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