

New, Expanded!

# Zip Ship

Products that ship in  
7-10 working days!

## Complete Automation Systems

With Crizaf's new, expanded Zip Ship program, you can now have a custom, fully automated, box or bag-filling cell shipped to you in just 10 days or less.



With a wide choice of 'ready to go' sizes and configurations, designing the perfect system for your application has never been easier. Just pick and choose the automation components in the styles and sizes that best suit your application needs. No need to worry about complicated set-ups or compatibility, Crizaf Automation units are designed to be interchangeable and work together with ease.

**Automation Assistance . . . free for the asking.** Need help choosing or designing? Crizaf Application Engineers can help you design the ideal system for your specific application needs.



**Call 800-452-5317 Today!**  
**216-535-4809** fax

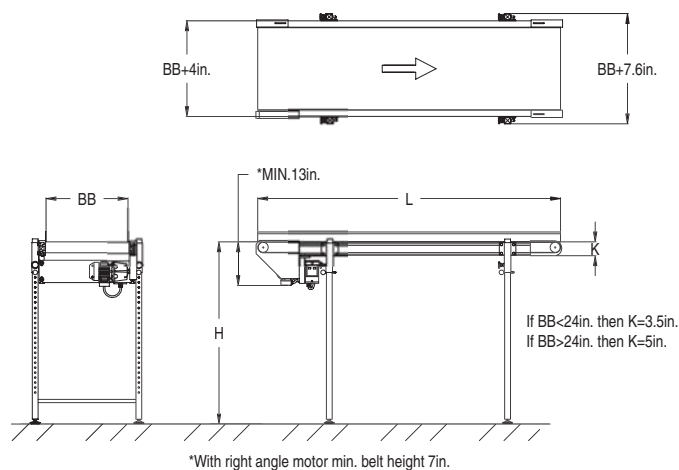
## L Series - Horizontal Conveyors

*Zip-Ship*

Made from anodized aluminum, creating a sturdy, yet lighter weight conveyor made to stand up to the harsh manufacturing environment of a plastics plant.

### Specifications

- 110 VAC 60 Hz single phase Drive Package with a 20 fpm fixed belt speed.
- 2½" high aluminum side rails.
- Smooth surface, endless polyurethane belt (green).
- Legs with leveling pads included. Castors are available upon request.
- Easy height adjustment with screw knob fastener & positioning pin (no tools required).



See available options on page 4

## LSE Series - Incline Conveyors

Lightweight, Simple and Economical

### Specifications

- 110 VAC 60 Hz single phase Drive Package with 20 fpm fixed belt speed.
- 3½" high aluminum side rails.
- Smooth, endless Polyurethane belt, 1¼" high cleats on 12" centers.
- Appropriate leg sets included.
- Easy angle adjustments 0-45° (no tools required).
- 6" high, tapered aluminum infeed part retainer included.



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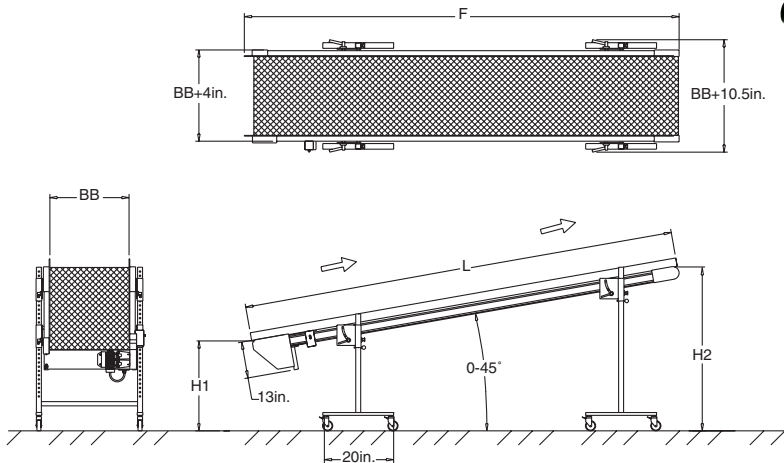
# LI Series - Incline Conveyors

*Zip-Ship*

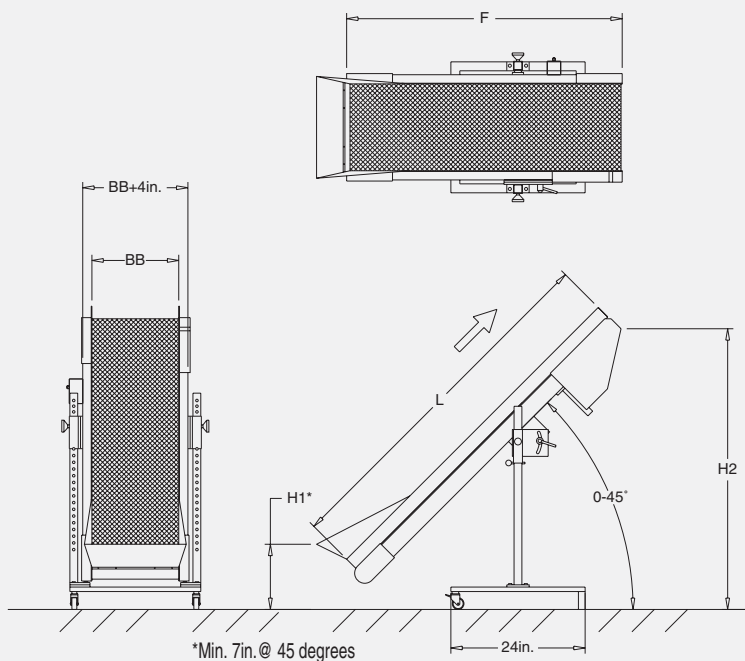
Just like the L series but with more flexibility of an adjustable angle from 0-45°.

## Specifications

- 110 VAC 60 Hz Drive Package with a 20 fpm fixed belt speed .
- 2½" high aluminum side rails.
- Smooth surface, endless polyurethane belt (green) with 1¼" high cleats on 18" centers.
- Steel legs with double T-base & leveling pads or castors are included.
- No tools required for height or angle (0-45°) adjustments.



See available options on page 4



### Models LI and LSE

$H2 = H1 + (L * M)$	$F = L * Q$
L = length of conveyor	F = footprint
H1 = infeed belt height	L = length of conveyor
H2 = discharge belt height	
at 45° M = 0.71	at 45° Q = 0.71
at 30° M = 0.50	at 30° Q = 0.87
at 15° M = 0.26	at 15° Q = 0.96

See available options on page 4

# LT Series - Horizontal to Incline Conveyors *Zip-Ship*

Because the LT series is known for reliability and versatility, they're frequently used as feeder conveyors for box filling and automated work cells.

## Specifications

- 110 VAC 60 Hz single phase Drive Package with a 20 FPM fixed belt speed.
- 2½" high aluminum side rails.
- Smooth surface, endless polyurethane belt (green) with 1¼" high cleats.
- Legs sets and castors included.
- Easy angle adjustment (no tools required).
- Automatic belt tensioning device.
- 8" high, tapered aluminum infeed part retainer included.

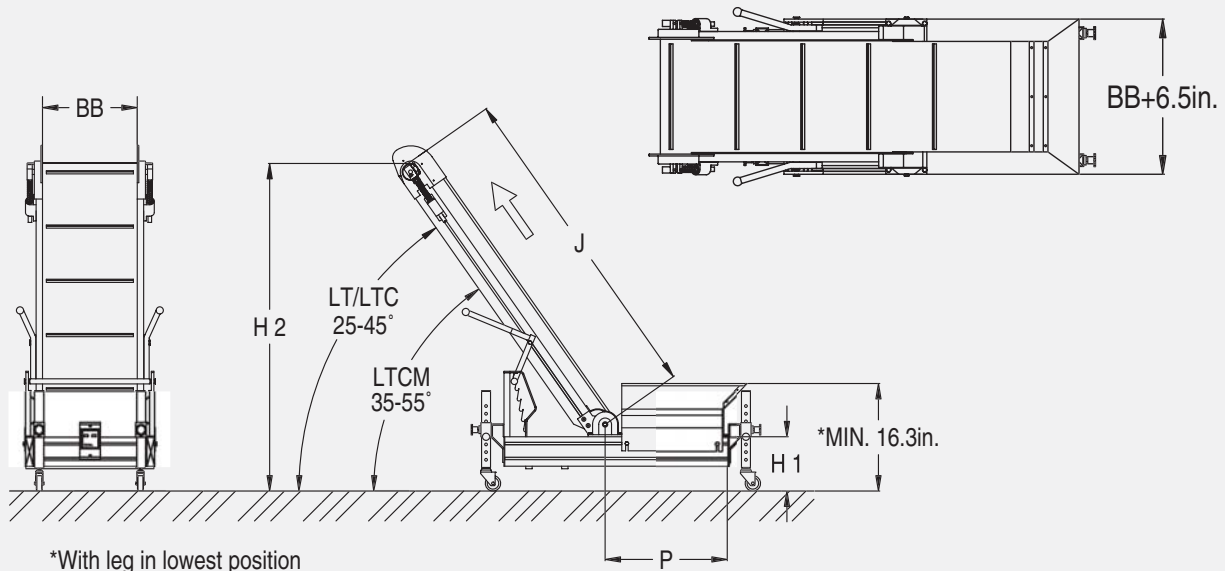


### Available Options for all conveyors

Model	Option
CT-77	30 fpm DC Variable Speed Drive
CS-44	Indexing by Time
CH-1	Infeed Hopper (standard on LSE & LT)
CG-1	Discharge Chute
	Discharge Chute, over 24" wide

### Model LT

$H2 = H1 + (J \cdot E)$	$F = (J \cdot D) + P$
J= length of incline	F= footprint
H1= infeed belt height	L= length of conveyor
H2= discharge belt height	P= length of horz. sec.
at 45° E= 0.71	at 45° D= 0.71
at 35° E= 0.57	at 35° D= 0.82
at 25° E= 0.42	at 25° D= 0.90
<b>LTCM</b>	
at 55° E= 0.82	at 45° D= 0.57



## Why choose a Crizaf Carousel System?

- Costs less than comparable sized In-line systems.
- Occupies less space than In-line systems.
- Great for odd shaped spaces (especially the space at the end of the machine).
- New control system makes set-ups and programming easy.
- Programmable alarm allows the system to be used to shut down secondary equipment for lights out operation.
- Available in 4 sizes. Each can accommodate 2, 3, 4, 6, 8, 12 or 24 fill positions.



Model CC

Standard size ring sets can be Zip Shipped.  
Non-standard sized ring sets can be special ordered.



Model CS

### Rings for Bag Holders

Standard ring sizes and configurations

Carousel Diameter	Ring Diameter					
	5.91" 150mm	7.78" 200mm	9.84" 250mm	11.81" 300mm	13.78" 350mm	15.75" 400mm
31½"	12 rings	8 rings	6 rings	4 rings	-	-
39¼"	-	-	8 rings	6 rings	4 rings	4 rings
47¼"	-	-	-	8 rings	6 rings	4 rings
59"	-	-	-	12 rings	8 rings	8 rings

Important: Ring size must be 1" smaller than the diameter of your bag.

Crizaf Quick-lock system allows ring sets to be easily installed or removed. Additional ring sets can be ordered as needed.

### HOW TO CHOOSE THE CORRECT RING SIZE

Determine the diameter of the bag.

1. Lay the bag flat and measure the width of the opening.  
If there are any folds, be sure to pull them out.
2. Multiply the width of the bag x 2 and then divide by 3.14.  
This is the diameter of your bag.

Order the ring size that is closest to being at least 1" less than the diameter of the bag.



800-452-5317

# S Series Stand Alone Roller Separators

*Zip-Ship it!*

Crizaf Stand alone, S/5 Series roller separators provide excellent separation for small components. They are exceptionally easy to use and install. Height and angle adjustments require no tools.



S/5 Model

## Model S/5 - *Zip-Ship*

Excellent separation for a wide range of applications.

- Separates sprues and runners from parts with size differences as small as 0.08".
- Will separate parts up to 2" in diameter.
- Best for low to medium volume applications.
- Standard variable speed drive.



S/5-2 Model

## Model S/5-2 - *Zip-Ship*

Specifically designed to provide separation for very small parts and runners.

- Exceptionally high degree of separation accuracy.
- One separation channel.
- Best for low volume applications.
- Standard variable speed drive.

# Rotating Drum Separator

The ATS rotating drum separator is a versatile and economical means of separating a wide range of parts / runner configurations. Height and angle adjustments require no tools.

- Ten separation gaps.
- Single roller point adjustment. Only one separation gap needs to be adjusted the others follow simultaneously.
- Metering section on the infeed, slows down parts and prevents them from sliding through the drum.
- Excellent choice for high throughput applications.
- Standard variable speed drive.

## Single Point Adjustment



Only one screw needs to be loosened to adjust the ATS Rotating Drum Separator.



Model ATS

## FREE Parts Testing!

Send us your parts and runners. Crizaf will test them in our separation lab and provide you with free test results and recommendations.

Call Today 800-452-5317



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