BELCOR
INDUSTRIES INC.

"PREMIER BUILDERS OF QUALITY PACKAGING MACHINERY"

BEL 505

*Shown with optional stainless steel casters and **BEL 252** fully automatic case taper.*

*The **BEL 505** is easily connected to any **BEL** case sealer.*

Semi-Automatic
Case Erector and Pack Station

The **BEL 505** is an extremely compact Semi-Automatic Case Erector And Pack Station designed specifically for applications on manual case packing lines. When connected to any **BEL** case sealer it enables one person to form, pack and seal corrugated cases in a single operation.

Installing the **BEL 505** in manual case packing lines improves productivity and eliminates extra labor needed to set-up and close case bottom flaps prior to loading. Safety is improved by eliminating costly Repetitive Strain Injury problems.

At a fraction of the cost of fully automatic case erectors, the **BEL 505** provides an economical and effective way of eliminating manual labor required to pre-form cases for hand packing lines.

Semi-Automatic Case Erector and Pack Station
BEL 505 Standard Model

To operate, the packer inserts an opened case into the **BEL 505**. The machine instantly folds the bottom flaps and holds the case in place for efficient "two hand" packing. When fully loaded, the operator easily pushes the case into the case sealer for gluing/taping/stapling of top and bottom flaps.

The **BEL 505** is user-friendly and extremely simple to operate using the following sequence:

1. Open flat case blank and place in machine.
2. Load product in box.
3. Push loaded box away into case sealer.

Case size changes are easily accomplished by the packer in less than one minute using two simple adjustments with case size reference scales.
Machine frame adjusts with box width improving ergonomics so the package is within close reach at all times.

Machine Specifications

Air Requirements
- .01 CF/Cycle @ 80 PSI, (6 Bars)

Construction
- Welded, anodized aluminum frame.
- Attractive stainless steel covers.
- Stainless steel fasteners and adjustable leg extensions.
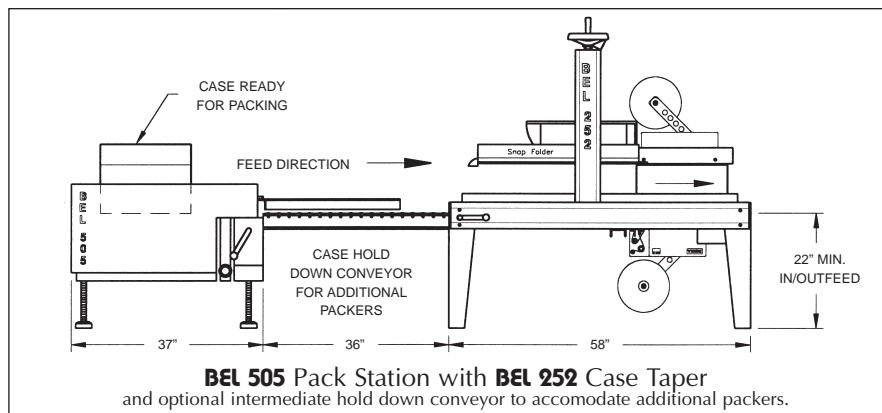- All operating components fabricated from corrosion resistant materials for ease of cleaning and maintenance.

Speed
- Up to 15 cases per minute, depending on operator proficiency and products packed.

Shipping Weight
- 335 lbs. • Machine weight 240 lbs.

Standard Features

- Erects cases without using center line dead plate.
- Erected cases are positioned on roller deck for easy transfer to case sealer.
- Three point switch actuation protects against accidental starting.
- Simple one minute case size change-over, no tools necessary.
- Dynamic flap folding system power folds all bottom flaps.
- Pneumatic major flap "pre-openers" keep bottom flaps aligned for trouble free folding.
- Positive mechanical case hold down keeps box in place for hands free case loading.
- Can be easily connected to any **BEL** case sealer.
- Attractive stainless steel covers and no painted surfaces aid in easy maintenance.
- Corrosion resistant construction

1. Open Case Blank

2. Load Box

3. Push Loaded Box Out

Case Size Range*		BEL 505
Length	min.	8" / 203 mm
	max.	26.5" / 672 mm
Width	min.	6" / 152 mm
	max.	16" / 406 mm
Height	min.	3 1/2" / 89 mm
	max.	no limit
Infeed/Outfeed Height		
Minimum	22" / 558 mm (with adjustable leg extentions)	
Maximum	28.5" / 723 mm	

* For other case size requirements consult factory or your local distributor. Specifications are subject to change without notice.

CASE READY FOR PACKING

FEED DIRECTION

Snap Folder

CASE HOLD DOWN CONVEYOR FOR ADDITIONAL PACKERS

22" MIN. IN/OUTFEED

37" 36" 58"

BEL 505 Pack Station with **BEL 252** Case Taper
and optional intermediate hold down conveyor to accomodate additional packers.

KDF Box Stand
Holds approximately 50 case blanks. Speeds up productivity by positioning case blanks convenient to the operator.

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