

Semi Automatic Case Former **& Pack Station**

The BEL 505 is an extremely compact Semi-Automatic Case Erector and Pack and close case bottom flaps prior to Station designed specifically for applications on manual case packing lines. When connected to any BEL case Injuries. 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 loading. Safety is improved by eliminating costly Repetitive Strain

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.

BEL 505 Semi-Automatic Case Erector & Pack Station

BEL 505 Features

- Integrates easily with a variety of BEL case sealer options
- Safety switch protects against accidental starting. Powered by air only, with no electrical components
- Simple case size change-over no tools necessary and minimal training needed
- Dynamic flap folding system power folds all bottom flaps
- Case hold down feature keeps box in place for hands-free case loading
- Corrosion resistant construction, attractive stainless steel covers and paint-free surfaces aid in easy maintenance

Complete Solution



BEL 150 Case Taper

Semi-automatic case taper that accepts uniform case sizes for top and bottom case sealing.



A32 Accumulation Table

Rotary turntable that presents product to the operator for packing. Features an adjustable speed motor.



KDF Box Stand

Height adjustable stand for holding case blanks and keeping them off the floor. Speeds up productivity by positioning case blanks conveniently to the operator.

BEL 505 Specifications

Case Size Range		Length	Width	Height		
Minimum		8" 203 mm	6" 152 mm	3 1/2" 89 mm		
Maximum		26 1/2" 672 mm	16" 406 mm	unlimited		
Infeed/Outfeed Height (with adjustable leg extensions)						
Minimum	21 1/2" (546 mm)					
Maximum	28 1/2" (723 mm)					
Machine Speed: 15 cases per minute Oversize Model Available: consult factory for case size ranges						

* Specifications are subject to change without notice.

How the BEL 505 Works





Open Case Blank The operator inserts a case blank. The BEL 505 folds the bottom flaps.



2 Load Box

The BEL 505 holds the case in place for efficient "hands free" loading.



3 Push Loaded Box Out

When fully loaded, the operator easily pushes the case into the case sealer for gluing / taping of top and bottom flaps.



Wexxar Packaging Inc. 10101 Nordel Court Delta, BC Canada V4G 1J8 Phone: 604-930-9300 Fax: 604-930-9368 Email: sales@wexxar.com Web: www.wexxar.com



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ex_{xar} BEL

Semi Automatic Case Former Up to 10 cases per minute



Over-Size, Semi-Automatic Case Former & Packing Station

The BEL 505XL Over-sized, Semi-Automatic Case Erector and Packing Station is based upon the highly successful BEL 505, which today can be found operating in countless manual packing lines throughout North America. Pairing it with the BEL 150XL Over-size, Semi-Automatic Case Taper forms an ergonomically efficient system, enabling one person to erect, pack, and

seal difficult to handle, large dimension RSC corrugated cases. The BEL 505XL creates further labor cost reductions by eliminating the need to manually preassemble and store cases prior to packing. The BEL 505XL is also simple to operate and adjust. Case size changes are made without tools by the operator in less than one minute with easy to use hand wheel settings.

BEL 505XL Over-size, Semi-Automatic Case Erector & Pack Station

BEL 505XL Features

- Simple one minute case size change-over, no tools needed
- 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
- Erected cases are positioned on roller deck for easy transfer to case sealer
- Three point switch actuation protects against accidental starting
- Can be easily connected to any BEL case sealer
- Corrosion resistant construction, attractive stainless steel covers and no painted surfaces aid in easy maintenance

Complete Solution



BEL 150XL Case Taper

Semi-automatic case taper that accepts uniform case sizes for top and bottom case sealing.



A32 Accumulation Table

Rotary turntable that presents product to the operator for packing. Features an adjustable speed motor.



KDF Box Stand

Height adjustable stand for holding case blanks and keeping them off the floor. Speeds up productivity by positioning case blanks conveniently to the operator.

BEL 505XL Specifications

Case Size Range		Length	Width	Height		
Minimum		10" 254 mm	10" 210 mm	3" 76 mm		
Maximum		39" 990 mm	24" 610 mm	unlimited		
Infeed/Outfeed Height (with adjustable leg extensions)						
Minimum	18" (457 mm)					
Maximum	26 1/2" (673 mm)					
Machine Speed: 10 cases per minute based on operator.						

How the BEL 505XL Works





Open Case Blank The operator inserts a case blank

The operator inserts a case blank into the forming area. The BEL 505XL folds the bottom flaps.



2 Load Box

The BEL 505XL holds the case in place for efficient "hands free" loading.



3 Push Loaded Box Out

When fully loaded, the operator easily pushes the case into the case sealer for gluing / taping of top and bottom flaps.



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