



# Machine Specification

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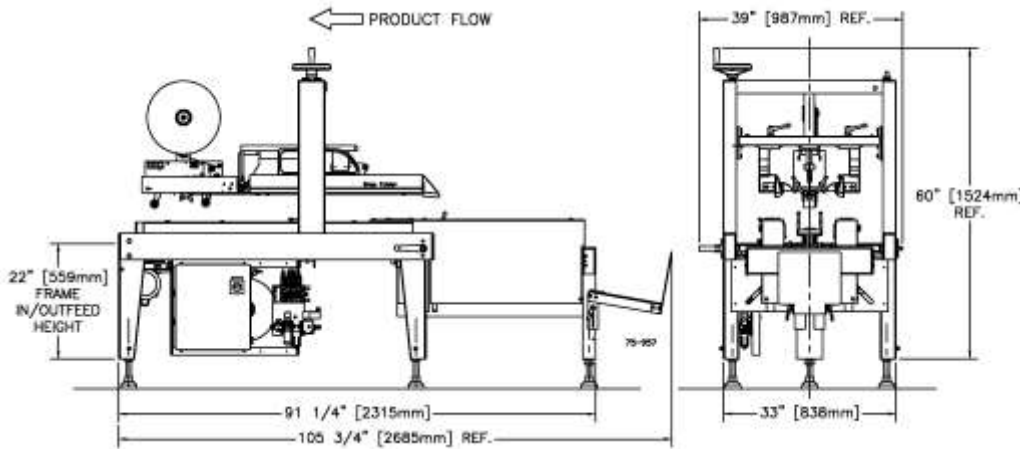
Replaces: May 17, 2019

## BEL 5252U

### *Unified Case Forming, Packing & Automatic Sealing*

The BEL 5252U combines the functions of a semi-automatic case former and packing station with a fully automatic top and bottom case sealer as single machine unit to make a complete case forming, packing and sealing system requiring only a single operator. The case former section folds the bottom flaps of RSC case blanks opened and presented down into it and then firmly holds the case ready for packing. As the filled case is pushed out of the former into the combined case sealer, the top flaps are folded automatically ahead of taping and the former resets automatically ready to receive the next case blank. The sealer section Uni-Drive conveyor, with a single motor synchronously driving both side-belts, holds cases securely and keeps them square for top and bottom tape sealing with either 2" or 3" wide tape.

The BEL 5252 is electro-pneumatically operated and requires 120V single-phase electrical power together with compressed air at 80-90 psi. / 6 Bar.



### Standard Machine Specifications

For more detail, see layout drawing 75-957

		<b>Length</b>	<b>Width</b>	<b>Height</b>
<b>Case Size Range</b>	Minimum	8" / 203 mm	6" / 152mm Auto	5" / 127 mm
NOTE: All sizes listed are case <i>outside</i> dimensions.	Maximum	22" / 559 mm	15.5" / 381 mm	15.75" / 400 mm
<b>Machine Dimensions</b>	Base	91.25" / 2318 mm	33" / 838 mm	60" / 1524 mm
	With case blank holder	106" / 2692 mm		
<b>In/Outfeed Height</b>	Frame	22" / 559 mm		
	With adjustable leg extensions [foot pad]	Minimum Maximum	25" / 635 mm 32" / 813 mm	
<b>Speed</b>		Up to 15 cases / min.		
<b>Shipping Weight</b>	Approx.	900 lbs. / 409 kg.		

## Construction

The frame and major components are made of anodized aluminum extrusions that are corrosion resistant and paint-free. The former section has attractive stainless steel side covers and all fasteners used are stainless steel S.A.E.

## Snap Folder Case Top Flap Folder System

A safe, innovative system where the components that tuck and fold the top flaps of the case have horizontal movements occurring at case-top level, ensuring operator safety by eliminating dangerous flap “kicker” arms. The technology is covered by U.S. patent 5,440,852 and is exclusive to the *BEL* line of automatic case sealers.

Cases up to 22” / 559mm in length have the top flaps automatically folded, longer cases have the top flaps folder by the operator and run with the folders extended in ‘manual’ [semi-automatic] mode as selected by a switch on the pushbutton station.

## Tape Heads

DEKKA 22, 2” tape width stainless steel heads with quick loading feature and tape guide system. Optional DEKKA 23, 3” tape width heads and Dekka 215 / 315 shorter tape tail heads are available at extra cost. DEKKA tapehead technology is protected by U.S. patent 5,938,097.

## Electrical Specifications

120 VAC, 10A., 60 cycle, 1-phase NEMA 12. The control system uses a Siemens LOGO logic controller with non contact photo-sensors and solenoid valves operating at 24 VDC.

## Compressed Air Requirements

0.2 CF/Cycle @ 80-90 P.S.I. (6 Bar)

## Conveyor Drive System

A *Uni-Drive* synchronized side belt conveyor system powered by a single 1/2 H.P.TEFC motor and gear reducer ensures both side belt speeds are synchronized to avoid skewing of cases during transport through the sealer.

## Conveyor Belts

Standard is nominal 3” rough top continuous loop with finger splice joint and V-rib guide.

## Safety Provisions

Case blanks lowered into the forming section must activate 3 separate sensors simultaneously before the machine will actuate. The operator’s hands remain outside the perimeter of the machine forming section during the flap folding process and all moving parts are behind guards. The *Snap Folders* are interlocked only to operate with a case passing out from the former section.

## Nameplates / Identification

The machine Model Number and Serial Number appear on a nameplate and the serial number is also stamped onto the machine frame.

## Documentation

- On-machine illustrated adjustment and operating instruction labels
- Operation & Service Manual - providing set up, operating and troubleshooting information
- Technical Reference – spare parts kits, assembly and parts reference drawings, pneumatic control diagrams

## Warranty

On Machinery and Parts manufactured by the Company, Wexxar Packaging Inc. (the "Company") warrants to the original purchaser ("Buyer") of the product described above (the "Product") that:

- (a) all non-moving, structural components of the Product (excluding hot melt systems and tapeheads) in all material respects, will be free of defects due to imperfect material or workmanship for a period of One (1) year from the date of invoice;
- (b) all powered mechanical parts of the Product, in all material respects, will be free of defects due to imperfect material or workmanship for a period of at least one (1) year from the time of shipping from the Company's factory;

and following Company's acceptance of a warranty claim, upon the Buyer's delivery of the defective Product to the Company's factory, the Company will repair or replace it at the Company's option.

The warranties set out above do not extend or apply to:

- (a) the routine replacement of parts due to normal wear and tear arising from use; this warranty does not extend to parts which may presumably be expected to wear out during the warranty period;
- (b) damage attributable to accident, misuse, improper maintenance, power surge, improper connection to a power source, placement of Product in hostile environment, or alterations not authorized by the Company, negligence, or accident;
- (c) accessories, attachments, parts or instruments sold with or attached to the Product that do not bear the Company's trade mark ("Components");
- (d) any warranty claim not made in writing to the Company at its head office within the applicable warranty period and within ten (10) days of Product failure.
- (e) This warranty does not cover shipping costs;

This warranty shall be the only warranty in effect and is made exclusive of all other warranties and guaranties written or oral, expressed or implied.

**COMPONENTS** On request and to the fullest possible extent, the Company will assign to the Buyer any interest it has in Component suppliers' warranteis for separately manufactured parts and accessories which form; are attached to; or constitute part of the Product. This includes tape heads.

**CANCELLATION** Orders cannot be cancelled without consent of an authorized employee of the Company and in such cases the customer will fully indemnify the Company, unless agreed otherwise in writing by the Company.

**TITLE** The title and right of possession of the goods quoted hereto shall remain with the Company and such goods shall remain Company property until all payments have been made in full. The purchaser agrees to do all that is required to maintain such right and title with the Company.

**PRICE** All prices quoted are F.O.B. Company warehouse unless otherwise specified. Prices quoted are subject to change and do not include taxes or duties, if applicable.