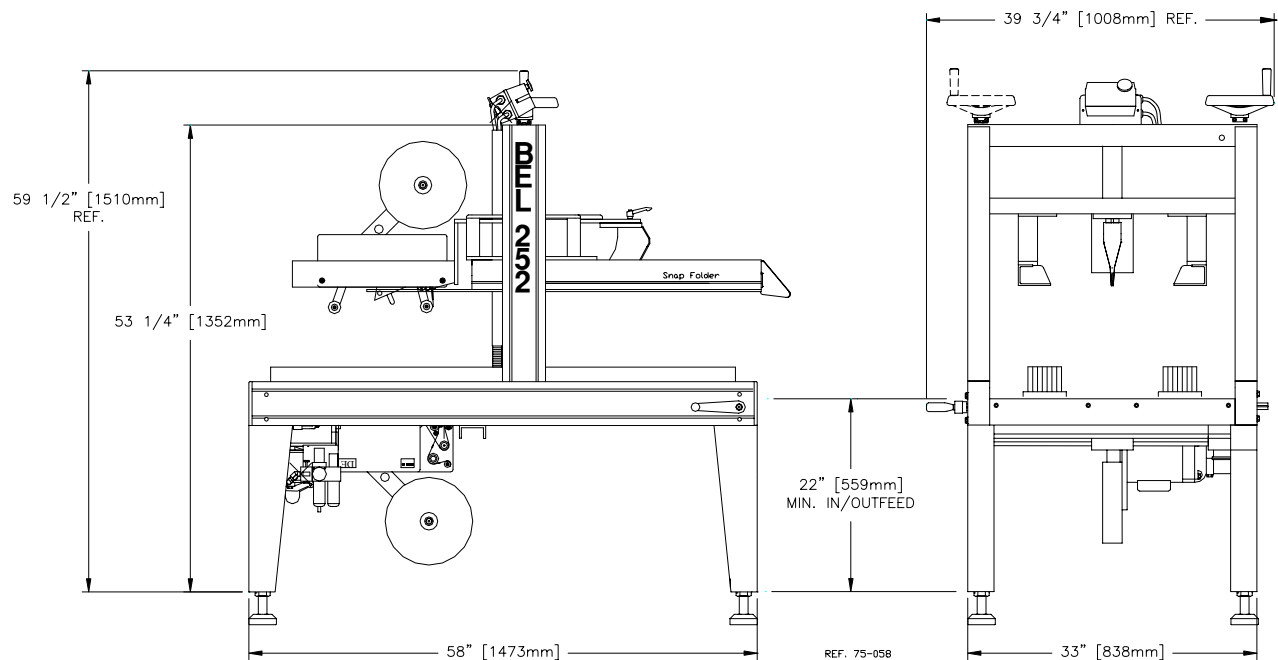


# BEL 252 Fully Automatic Top and Bottom Case Tape Sealer

The BEL 252 accepts uniform case sizes and automatically folds the top flaps using unique and safe *Snap Folder* technology developed by Belcor. Changes between case sizes are performed with 3 main adjustments: width, height and folders. Cases are taped top and bottom with either 2" or 3" wide tape. The BEL 252 connects to a 120V. single-phase electrical outlet by a conventional cord and plug and it requires compressed air at 80-90 psi. / 6 Bar.



**Standard Specifications:**

Case Size Range:	LENGTH	WIDTH	HEIGHT
Minimum	8" / 203mm	6" / 153mm	4-1/2" / 114mm
Maximum	22" / 559mm	15" / 381mm	16" / 406mm
<b>Machine Dimensions:</b>	58" / 1473mm	33" / 838mm	53-1/4" / 1352mm
<b>Infeed / Outfeed Height:</b>	22 inches / 559mm minimum		
	With adjustable leg extensions: Min. 23-1/2" / 597mm		
	Max. 32" / 813mm		
<b>Speed:</b>	Up to 25 Cases per Minute		
<b>Shipping Weight:</b>	650 Lbs. / 295 kg. Approx.		

**Construction:**

Heavy-duty corrosion resistant paint-free frame made of high tensile anodized aluminum C-Beam extrusions. All fasteners are stainless steel S.A.E.

**Snap Folder System:**

A safe, innovative system of horizontal movements occurring at case-top level that tuck and fold the top flaps of the case, ensuring operator safety by eliminating dangerous flap “kicker” arms.

**Tape Heads:**

Model 22 DEKKA 2” tape head with quick loading feature and tape guide system are standard. Optional 3” width heads available at extra cost.

**Drive System:**

*Uni-Drive* synchronized side belt conveyor system powered by a single 1/2 H.P.TEFC motor and  $\frac{3}{4}$  H.P. rated gear reducer.

**Drive Belts:**

3” *Leder* brand rough top continuous loop with finger splice joint, and V-rib backing.

**Electrical Specifications:**

120 VAC, 10A., 60 cycle, 1-phase NEMA 12, with magnetic motor starter switch.

**Compressed Air Requirements:**

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

**Safety Provisions:**

*Snap Folder* top flap folding system. Conveyor drive and belt pulleys are fully guarded. Magnetic motor starter switch prevents accidental restarts after a power interruption. Potential hazards are warned with labels to ANSI standards.

**Nameplates / Identification:**

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

**Documentation:**

- Operation & Service Manual - providing set up, operating and troubleshooting information
- Technical Reference – spare parts kits, assembly and parts reference drawings, electrical and pneumatic schematic diagrams.

**Warranty:**

Belcor Industries 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 in all material respects, will be free of defects due to imperfect material or workmanship in the case of models BEL 150, 200, 250, 252, 270, 450, and 451 for a period ten (10) years 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;
- (b) damage attributable to accident, misuse, lack of maintenance, power surge, improper connection to a power source, placement of Product in hostile environment, or alterations not authorized by the Company;
- (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.

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

All freight charges and risk of transportation to and from the Company's factory relating to the above warranties shall be for the account of the Buyer. The alteration, defacement or removal of serial numbers imprinted on the Product or plate affixed to the Product voids the above warranties.

Where a new unit or rebuilt unit is provided as a replacement during the warranty period, that unit shall be subject to the warranty only for the unexpired portion of the warranty period relating to the original unit.

The warranties set out above, on application to the Company, and with the Company's written consent, may be extended to a subsequent purchaser of the Product who registers with the Company. In all other instances the warranties contained herein will not apply to any subsequent owner.

The above warranties are in lieu of all other express or implied representations or warranties, including any implied representations or warranties of merchantability or fitness for a particular purpose which are expressly excluded, and no person is authorized to give any further representations or warranty or assume any further obligation on behalf of the Company with respect to the Product. Replacement or repair of the Product in accordance with the above warranties shall be the sole remedy of the Buyer, and the Company shall not, under any circumstance, be liable, either in tort or in contract for any direct or indirect, incidental or consequential loss or damage suffered by the Buyer by reason of any defect in workmanship or manufacture of the Product or the inability to use the Product.

**Electrical Components:****STANDARD ELECTRICS**

ITEM	BELCOR NO.	SPECIFICATION	BRAND	SUPPLIER PART NO.	QTY
<b>BEL 200, 250, 252</b>					
7/19/2002. 120VAC 10 AMPS					
<b>MOTOR</b>					
	01-001	1/2 HP, 115V., 1-PH., 1725 RPM, TEFC, 56C, FLA=7.4A	BALDOR	VL3504	1
<b>MOTOR STARTER</b>					
	01-132	STARTER & ENCLOSURE, 120V. W/ OVERLOAD, 6.0-9.0 A.	SPRECHER+SCHUH SPRECHER+SCHUH	CBK3-12-120-9.0 CT3K-9.0	1 [1]
	01-724	GROUND TERMINAL	WEIDMULLER	WPE6	1
	01-307	SWITCH, TOGGLE, AC, SPDT, 125V 15A	EATON	7504K4	1
	01-666	TOGGLE SWITCH BOOT	ELECTRO SONIC	B-1532-0	1
	01-629	PLUG DEAD FRONT 125V 15A	HUBELL	5965VYCN	1
<b>SNAP FOLDER CONTROLS</b>					
	01-402	ENCLOSURE PLASTIC 7" X 5" X 5"	HOFFMAN	Q-181313PCECC	1
	28-730	DIN RAIL		DIN 0.5/450 X 0.6FT	1
	01-201	SOCKET BASE TRACK MOUNT 8 PIN FOR TIMER (SHORT)	OMRON	PF083A-E	1
	01-203	TIMER 8 PIN 120-V, 5-SEC.	OMRON	H3G-8C, 5S	1
	01-609	FUSE, 250V 0.5A	BUSS	AGC-1/2	1
	01-654	WIRE TERMINALS	SPRECHER+SCHUH	V7-W4	5
	01-657	GROUND TERMINALS	SPRECHER+SCHUH	V7-WG4	1
	01-872	END PLATE, FOR GROUND TERMINAL	SPRECHER+SCHUH	V7-EB3-Y	2
	01-658	FUSE TERMINAL	SPRECHER+SCHUH	V7-H6	1
	01-659	END PLATE, FOR FUSE TERMINAL	SPRECHER+SCHUH	V7-N37	1
	01-656	TERMINAL END CLAMP	SPRECHER+SCHUH	V7-EB3	1
	01-660	MARKING TAG, FOR TERMINNAL	SPRECHER+SCHUH	V7-SM6X12	12
	01-873	MARKING TAG, FOR FUSE TERMINNAL	SPRECHER+SCHUH	V7-SM8X12	2
	55-258	LIMIT SWITCH, ROLLER CAM	OMRON	D4C-1620	1
	00-108	SOLENOID VALVE, 4-WAY, 5-PORT, 120V 60Hz	REXROTH	PW67697-1	1
	00-109	LIGHTED CONNECTOR	REXROTH	P67261(REX)	1
					3
<b>WIRE</b>					
	01-675	14 AWG TYPE TEW 600 V, GREEN	ECI ELECTROCOM		
	(01-685)	18 AWG TYPE CMG/AWM, 600V(CSA) / 300V(UL).			
<b>CABLE</b>					
	01-613	14AWG/3 TYPE SJTW(CSA) /SJEOW(UL) WATER RESISTANT 300 V.	AMERICAN INSULATED WIRE		
	01-650	18AWG/3 TYPE SVO, 300V	CAROL		
	(55-258)	18AWG/4 TYPE SJTW(CSA)/SJEOW(UL), 300V	SHINAGAWA	LL24400/E41299	
	01-685	18AWG/7C TYPE CMG/AWM, 600V(CSA)/300V(UL)	ECI ELECTROCOM	LL61365/E107863	
<b>CABLE CONNECTORS</b>					
	01-616	CONNECTOR, CORD, 1/2" NPT, 1/2" I.D., "SKINTIGHT"	HEYCO		7
	01-611	NUT, 1/2"NPT,FOR CONNECTOR	HEYCO		7
<b>CONDUIT</b>					
	01-620	SURFACE RACEWAY 1.5X.75	PANDUIT		
	01-621	SURFACE RACEWAY 1X.75	PANDUIT		
	01-622	SURFACE RACEWAY .75X.4	PANDUIT		
	01-627	LOOM, SPLIT, 3/8"DIA	PICO		
	01-630	LOOM, SPLIT, 1/2"DIA	PICO		
	01-631	LOOM, SPLIT, 3/4"DIA	PICO		

**Pneumatic Components:****BEL 250 / 252 STD  
PNEUMATICS**

3/12/2002

REF	DESCRIPTION	SPECIFICATION	BELCOR PART NO.	QTY	BRAND	OEM PART NO.
1	SNAP FOLDER CYLINDER	CYLINDER, AIR 1.5 D. X 4" D-ACT. FRONT BLOCK MOUNT	00-001	2	AMERICAN	1500 DBFS-4.00
2	SNAP FOLDER ACTUATION	AIR VALVE, SOLENOID, 4 WAY, 5 PORT, 110V	00-108	1	REXROTH	177788
3	SNAP FOLDER SPEED CONTROL	MUFFLER, SPEED CTRL, 1/4NPT	00-202	2	NORGREN	MMOO2A
4	SNAP FOLDER SPEED CONTROL	QUICK EXHAUST, 1/8" NPT	00-204	2	HUMPHREY	SQE-1
5	AIR SUPPLY	F.R.L., 1/4" COMBINED	00-209	1	WATTS	C35-02BLAHCA
6	AIR SHUT-OFF / LOCK- OUT	AIR VALVE, MANUAL, 3 WAY	00-210	1	WATTS	SV35-02
7	SILENCER, SOLENOID VALVE	EXHAUST SILENCER	00-214	1	REXROTH	P-067794
8	PNEUMATIC TUBING	POLYURETHANE, 1/4 OD X 0.16 ID	00-515/9		PISCO	UB1/4"-R/B
70-157 STOP GATE, INT, STD, ELEC CONTROL OPTION						
	GATE CYLINDER	CYLINDER, 1-1/16 DIA X 1-1/2" STROKE	00-014	1	AMERICAN	1062 DVS-1.5-2
	STOP GATE ACTUATION	AIR VALVE, SOLENOID, 4 WAY, 5 PORT, 110V	00-108	1	REXROTH	177788
	SILENCER, SOLENOID VALVE	EXHAUST SILENCER	00-214	1	REXROTH	P-067794