

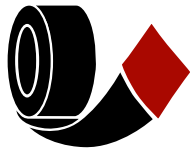
Operations Manual TAL-2100ER

TAKE-A-LABEL

Electric Round Product Label Applicator



MADE IN USA



TAKE-A-LABEL

TAL-2100ER LABEL THREADING

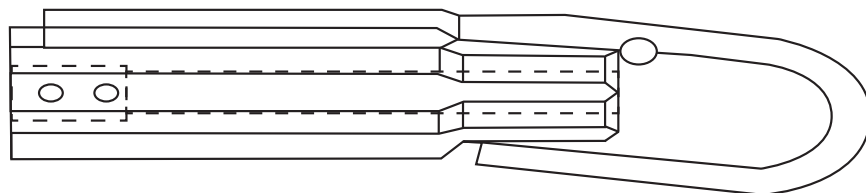
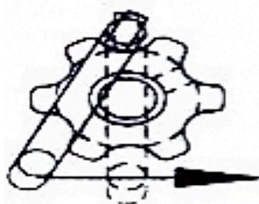
Scan the QR Code to the right
to see helpful setup videos or at

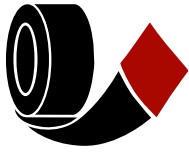
www.take-a-label.com



1. Remove outer unwind disc (47), install new roll of labels, and replace disc.
2. Pull label web under the first roller (28A), and through the photo eye (23). Continue pulling the web around the next roller (28B). Pull the web over the top and around the back of label stop roller (28C). Then pull the webbing back to the front of the applicator and over the Peel Plate (1).
3. Rotate brush and holder (41) up to allow web clearance.
4. Pull web around the peel plate (1).
5. Pull web back and over idler roller (28D), then under the drive roller (30), then pull the web up between the drive roller (30) and pinch roller (26), then back down to the waste wind shaft (45).
NOTE: The pinch roller (26) is spring loaded. Slight pressure will be needed to separate the pinch roller from the drive roller for threading. Be sure not to go around outboard support shaft (27).
6. Install waste wind clip (46) on waste wind shaft (45) placing the webbing between the shaft and the clip.
7. Cycle the applicator by stepping on the footswitch (24) a few times to allow label to align.

Illustration of waste wind shaft and clip shown below.





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PHOTO EYE

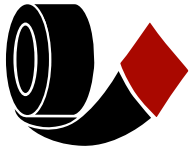
TEACHING THE PHOTO EYE:

1. It is recommended that you teach the photo eye (23) with every new roll of labels used.
2. Remove one label from the webbing and place the webbing only in the photo eye.



3. Press and hold the “Normal” button on photo eye for 3 seconds. When the lights finish flashing the photo eye is taught.





TAKE-A-LABEL

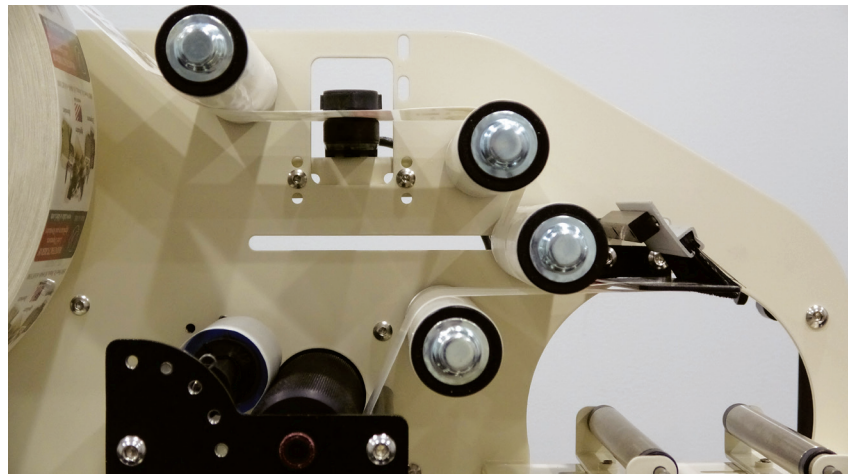
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LABEL STOP

SETTING LABEL STOP:

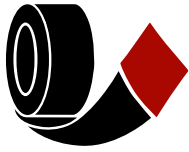
1. When setting the label stop, one label must dispense completely, with the next label stopping at the Peel Plate (1).
2. Slide the Label Stop Roller (28C) so it is as far forward as possible. Cycle the unit once by stepping on the footswitch (24) to determine how much of the label is being dispensed.

NOTE: Rotate Brush and Holder (41) up to allow visual of peel plate if needed.



3. Slide the label stop roller (28C) toward the back of the machine in small amounts. As the roller is moved back, the stop position of the label will be adjusted. Continue moving roller until a label gap is stopping at the Peel Plate (1).





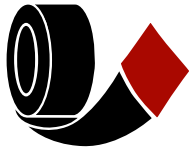
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PRODUCT CARRIAGE ADJUSTMENT

1. Loosen the thumb screws under the product support rollers (42)
2. Adjust rollers so your product is centered under the Peel Edge. The product should be setting on the rollers so it will roll easily. Keep the center of the bottle lined up with the peel edge. It is also often useful to have a slight downward angle to the carriage.
3. To raise or lower the product carriage, loosen the two product Carriage Ratchet Handles (6) on the main frame (8).
4. Raise the carriage to make a gap of approximately 1/16” between the bottom of the peel plate and the product.
5. Rotate Brush and holder (41) down to help apply labels to product.

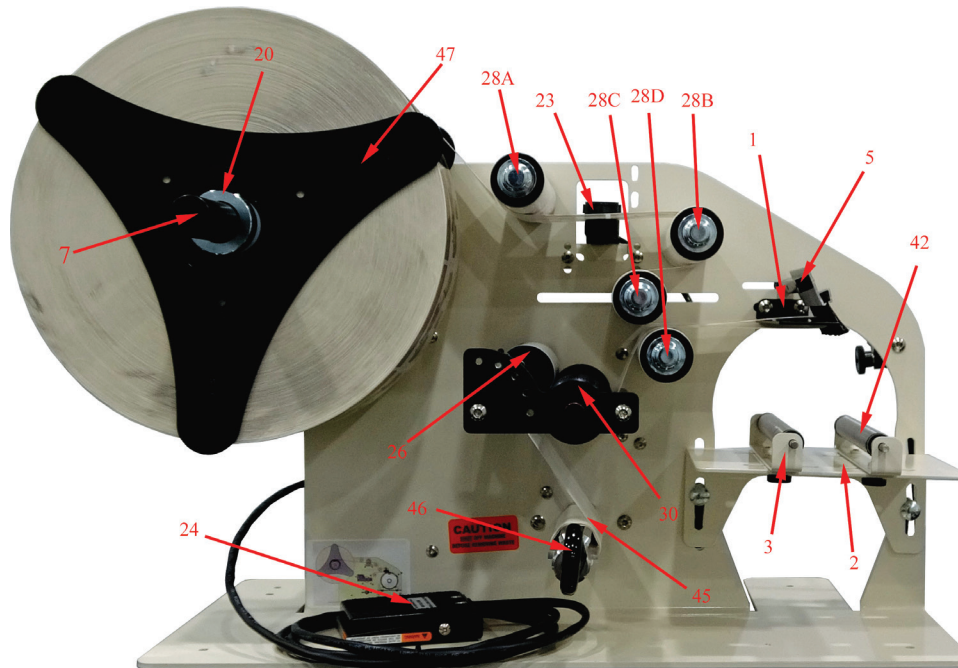
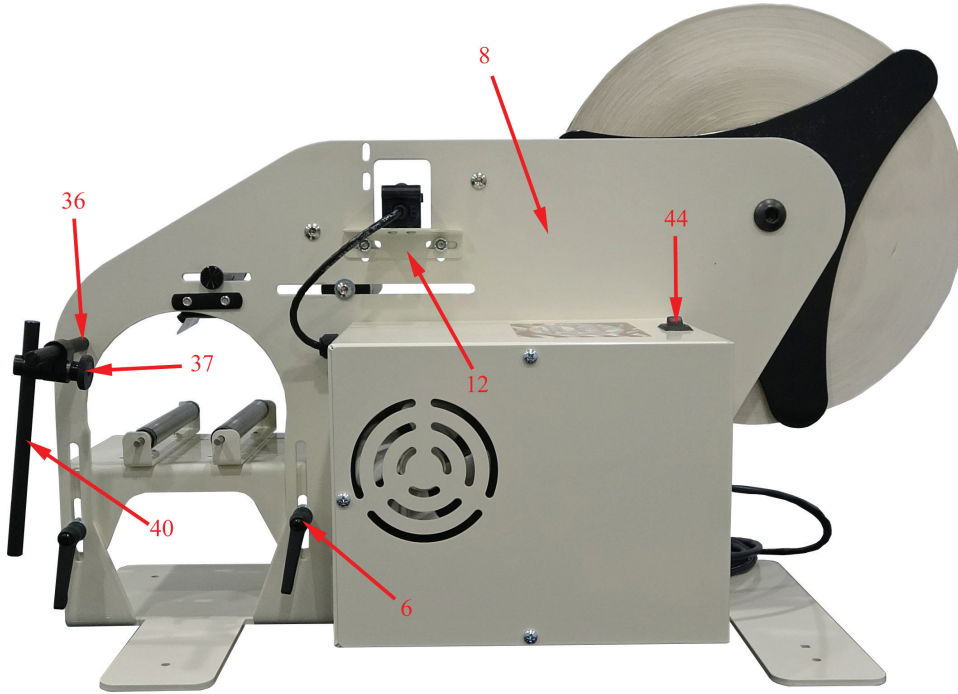




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PARTS LIST



Item#	Description	#
11002	Peel Plate	1
11003	Carriage Support	2
11004	Roller Support Bracket	3
11006	Wipe Down Support Rod	5
11007	Carriage Ratchet Handle	6
11008	Unwind Shaft	7
21001	Frame	8
21002	Housing	9
21003	Housing Cover	10
21004	Outboard Support Plate	11
21005	Label Sensor Bracket	12
21010	Pinch Roller Shaft	13
21031	Gates Drive Belt	14
21026	Motor Spacers	16
21027	Left Torsion Spring	17
21028	Right Torsion Spring	18
25112	Washer	19
25113	Spring	20
26001	Collar	21
26002	Hub Screw	22
30106	Tri-Tronics Photo Eye	23
30110	Footswitch	24
30653	1/2 -13 BHSCS	25
31002	Pinch Roller	26
31003	Outboard Support Shaft	27
31004	Idler Roller (A, B, D) Label Stop Roller (C)	28
31009	Pinch Roller Side Plate	29
31355	Drive Roller	30
31015	Plastic Bearing	31
31017	Plastic Bushing	32
31029	Plastic Bushing	33
31060	Rewind Bracket	34
31282	V Belt Tensioner	35
31366	Extension Rod	36
31370	Guide Clamp	37
31373	V Belt Pulley	38
31380	V Belt Tensioner Roller	39
31803	Guild Rod Support Shaft	40
37004	Brush and Holder	41
37007	Product Rollers	42
38003	Control Board	43
40007	On/Off Switch	44
11016	Waste Wind Shaft	45
21013	Waste Wind Clip	46
45136	Unwind Disc	47
45155	Fuse Holder	49
45157	Fuse	50
25213	Power Cord	51
72618	Felt Pad	52
76800	Heavy Duty Motor	53
81912	Small Cord Grip	54