TYPE 872XLS
AUTOMATIC BAG CLOSING MACHINE

872XLS SHOWN WITHOUT PRINTER

Kwik Lok's® 872XLS Automatic Bag Closing Machine enables the packager to close bagged packages at speeds up to 110 per minute. The system will close a wide range of product size variations. Striplok® closures are available in many closure opening sizes to accommodate a large number of bag widths and film thicknesses. The 872XLS features variable speed control and a manual cycle button.

SPECIFICATIONS

HEIGHT: ..... 42" (106 cm)
WIDTH: ..... 11 3/4" (30 cm)
DEPTH: ..... 24 1/2" (62 cm)

APPROXIMATE SHIPPING WEIGHTS & DIMENSIONS

Closing Head
30.5" x 24.5" x 19.5"; 86 Lbs.; 8 Cu. Ft.
(77.5 cm x 62.2 cm x 49 cm; 40 Kg; 0.24 cu. m)

Reel Assembly
38.5" x 24.5" x 19.5"; 31 Lbs.; 10 Cu. Ft.
(97.8 cm x 62.2 cm x 49.5 cm; 14 Kg; 0.30 cu. m)

ORDERING INFORMATION

A. TYPE: 872XLS
B. MODEL:
   1. Standard system is a medium duty polyflex closing system.
   2. Select G, HG, CA or I for non-standard closing system.
   3. Select SF for slide frame mounting.
   4. Select Closure.
   5. Select Flow Direction (R or L - right or left hand - refer to flow diagram)
C. SPECIFY ELECTRICAL REQUIREMENTS:
   1. 115VAC, 60 HZ, 5A, 1 PH
   2. 200-250VAC, 50/60 HZ, 5A, 1 PH
D. SPECIFY TYPE OF INSTALLATION (i.e. Bagger manufacturer and model).
E. SPECIFY PRINTER if required - see printing options.
F. SPECIFY CLOSER MOUNTING OPTION: Adjustable or fixed.
G. SPECIFY CLOSER REEL POSITION. The reel can be over the conveyor (forward facing), or above the closer (up-right). Addition of a printer may impact available selection.

ORDERING EXAMPLE: Type 872XLS Model GSFJNRPR, 115VAC, 60Hz. Installed on a Kwik Lok 1083FBAR Conveyor with 880 Printer. Adjustable height mount and up-right reel.

PRINTING OPTIONS

1011 Printer: The 1011 is an electrically-operated printer using stee type and cold transfer printing tape.
880 Printer: The 880 Printer is an air operated printer using steel type and cold transfer printing tape.
894A Printer: This printer utilizes the *Turbo-Print 872* built by *Squid Ink Manufacturing, Inc.* It is a programmable ink jet printing system. Refer to 894A catalog sheet for detailed information.
883C Printer: This printer utilizes the *SmartDate 3i* Printermanufactured by *Markem Corporation.* It is a programmable thermal transfer printer. Refer to 883C, catalog sheet for detailed information.
897A Printer: This is an air operated printer using steel type and cold transfer printing tape.

CLOSER OPTIONS

Closing Mechanisms:
Model G (Medium Duty Gearbelt): This system is recommended when closing heavy mil bags (1.5 mil - 38.1 microns or greater), wide bags (14" - 35.6 cm and greater) and/or rigid films (i.e. Polypropylene). It is also recommended when closing cold or wet bags.
Model HG (Heavy Duty Gearbelt): This system is identical to the Model G but has increased spring tension needed to close stiff bags (i.e. Paper) or slippery bags.
Model CA (Heavy Duty Gearbelt with Close Arms): This system is similar to the Model HG but is designed to reduce the standard clearance between the Closing Head and Bag Tensioner when closing vertical packages.
Model I (Idle Rim): This system is best used when closing sliced bread. It allows for a tightly closed package without damage being inflicted on the bag. Includes a gearbelt.
Model SF (Slide Frame): This system is recommended when closing a wide range of bags with various widths. It allows setting the Closing Head angle to accommodate wide packages and easy adjustment fo controlling package tightness.

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TYPE DESIGNATION	MODEL DESIGNATION					MAXIMUM PACKAGE WEIGHT
	CLOSING MECHANISM	MOUNTING	CLOSURE	*	FLOW	
872XLS	G, HG, CA, I	SF	VI	S	R or L	Up to 3 Lbs (1.4 Kg)
872XLS	G, HG, CA, I	SF	V-NRP	S	R or L	Up to 3 Lbs (1.4 Kg)
872XLS	G, HG, CA, I	SF	VIW	S	R or L	Up to 3 Lbs (1.4 Kg)
872XLS	G, HG, CA, I	SF	VW-NRP	S	R or L	Up to 3 Lbs (1.4 Kg)
872XLS	G, HG, CA, I	SF	JI	S	R or L	Up to 5 Lbs (2.3 Kg)
872XLS	G, HG, CA, I	SF	J-NRP	S	R or L	Up to 5 Lbs (2.3 Kg)
872XLS	G, HG, CA, I	SF	JM-NRP	S	R or L	Up to 5 Lbs (2.3 Kg)
872XLS	G, HG, CA, I	SF	JWI	S	R or L	Up to 5 Lbs (2.3 Kg)
872XLS	G, HG, CA, I	SF	JW-NRP	S	R or L	Up to 5 Lbs (2.3 Kg)
872XLS	G, HG, CA, I	SF	KI	S	R or L	Up to 10 Lbs (4.5 Kg)
872XLS	G, HG, CA, I	SF	K-NRP	S	R or L	Up to 10 Lbs (4.5 Kg)
872XLS	G, HG, CA, I	SF	KM-NRP	S	R or L	Up to 10 Lbs (4.5 Kg)
872XLS	G, HG, CA, I	SF	KWI	S	R or L	Up to 10 Lbs (4.5 Kg)
872XLS	G, HG, CA, I	SF	KW-NRP	S	R or L	Up to 10 Lbs (4.5 Kg)
872XLS	G, HG, CA, I	SF	ZI	S	R or L	Up to 10 Lbs (4.5 Kg)
872XLS	G, HG, CA, I	SF	Z-NRP	S	R or L	Up to 10 Lbs (4.5 Kg)

* For a stainless steel frame (recommended with the 894A Printer) Select "S" option

CONVEYOR SPEED

Bag width, flight spacing, and conveyor speed all combine to affect the maximum number of packages per minute that can be closed.

Flight bar spacing on the conveyor is dependent upon the width of the widest product to be closed on that system.

Packages Per Minute is based on a maximum flight bar space of 1.2 times the bag width. For flight spacing greater than 1.2 times bag width, the maximum packages per minute will be reduced. Use the following formula to calculate flight bar spacing as it relates to conveyor speed:

1. Bag width x 1.2 = flight bar spacing
2. Flight bar spacing x desired packages per minute = speed of conveyor per minute in inches
3. Conveyor speed in inches ÷ 12 inches = speed of conveyor per minute in feet.

BAG WIDTH	FLIGHT SPACING 1.2 X BAG WIDTH	PACKAGES PER MIN.	CONVEYOR SPEED FEET PER MINUTE
9" (23 cm)	10.8" (27.5 cm)	30 60 90	27 fpm (140 mm/sec) 54 fpm (280 mm/sec) 81 fpm (410 mm/sec)
12" (30.5 cm)	14.4" (36.5 cm)	30 60 75	36 fpm (180 mm/sec) 72 fpm (360 mm/sec) 96 fpm (490 mm/sec)
18" (46 cm)	21.6" (55 cm)	30 60	54 fpm (280 mm/sec) 108 fpm (550 mm/sec)

4. Flight spacing can be rounded up to the nearest inch (2 cm). For example, a 12 inch (30.5 cm) bag equals a flight spacing of 14.4 inches (36.5 cm). Round 14.4 inches (36.5 cm) UP to 15 inches (38 cm). The chart above shows three examples of how to use this formula to calculate conveyor speed as it relates to different bag widths.

FLOW DIAGRAM

To determine the correct flow direction, visualize your packages moving away from you, towards the Kwik Lok Closing System.
If the open end of the bag is on your right hand side - the flow direction is RIGHT HAND.
If the open end of the bag is on your left hand side - the flow direction is LEFT HAND.