

KALISH-BANDIT

FOR TAMPER EVIDENT NECK AND BODY BANDING



ECONOMIC, COMPACT DESIGN
UNIQUE BAND PLACEMENT SYSTEM

The Kalish Bandit features a unique positive band feed and placement system which feeds uncut band tube directly onto each container. Only then does the ultra sharp cobalt blade cut it to length. Our simple system eliminates the need for several separate motions of cutting and placing each band.

Simplified controls and few moving parts allow operators to run the Bandit with full confidence within minutes of installation.

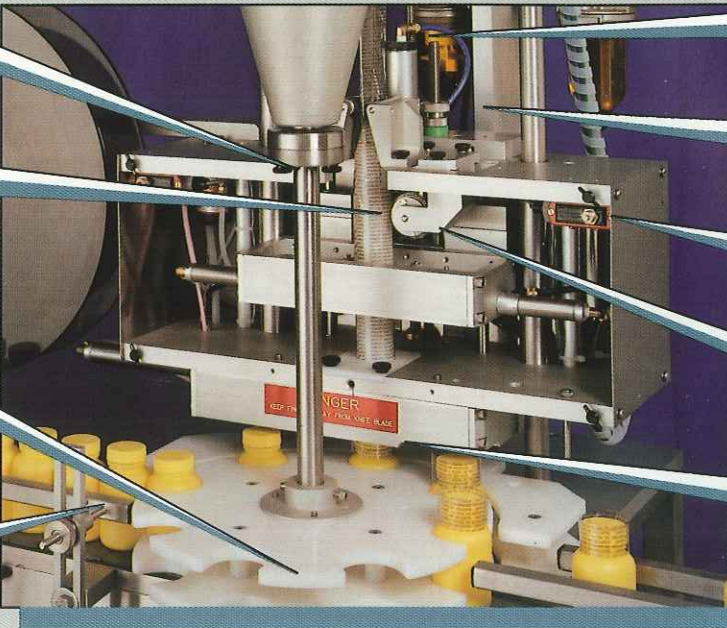
QUICK CHANGEOVERS can be made from one container to another in minutes due to quick release thumb screws.

UNIQUE MANDREL DESIGN opens band for perforation and lowering directly onto containers before cutting. Eliminates the need for complicated band transfer systems.

STARWHEEL FEED gives positive handling for the most difficult containers. Ideally suited for soft and asymmetric containers. Other feed systems are available.

BOTTLE DETECTOR automatically actuates Bandit as bottles enter the machine. Bandit is self-synchronizing with any packaging line.

NO BAND/MACHINE STOP. Safety switch stops Bandit before it runs out of band. This assists quick splicing to next roll. Eliminates bottles passing through Bandit without bands. (Not shown on photo).



HEIGHT ADJUSTMENT screw by hand crank for all sizes of bottles.

PRECISE BAND LENGTH ADJUSTMENT by the turn of a knob and without tools.

SAFETY SWITCHES automatically stop Bandit should front safety cover be removed.

PERFORATION WHEELS included as standard to provide tear strip if required.

SPECIAL CUTTING BLADE OF COBALT STEEL cuts band only once it is in place on containers. Ensures positive band placement.

SIMPLE PNEUMATIC CIRCUITS for ease of set up. Includes filter/lubricator assembly for minimal maintenance.

SPEEDS TO 90 BOTTLES PER MINUTE. Higher speed machines on request.

ELECTRICS in a self-contained plug-in cabinet can easily be removed in unlikely event of failure.

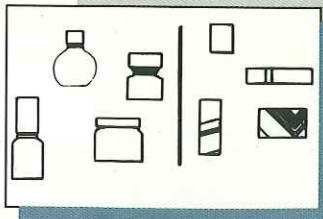
KALISH BANDIT BOLTS TO EXISTING CONVEYOR, eliminating need for conveyor crossovers. (Stainless steel stand included, conveyor additional).

SPECIFICATIONS

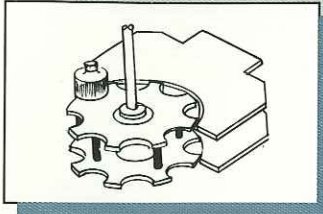
	BANDIT 90	BANDIT 180	BODY BANDIT
*Speed Range (depending on band length)	0-90 bottles per minute	0-90 bottles per minute	0-90 bottles per minute
*Flat Width Range	34-90 mm layflat	34-180 mm layflat	34-90 mm layflat
Flat Width Tolerance	1 mm - specify over or undersize	1 mm - specify over or undersize	1 mm - specify over or undersize
Maximum Band Length	7-70 mm (up to 150 mm long optional)	7-70 mm (1/4"-2 3/4")	7-200mm (1/4"-7 3/4")
Container Height Range	1-30 cm (1"-12")	1-30 cm (1"-12")	1-30 cm (1"-12")
Band Thickness Range	40-80 μ (1.0-3.0 mil)	40-80 μ (1.0-3.0 mil)	40-80 μ (1.0-3.0 mil)
Splice Method	Splice with tape in 30 secs.	Splice with tape in 30 secs.	Splice with tape in 30 secs.
Roll Stock or Pre-cut	Roll Stock	Roll Stock	Roll Stock
Core Diameter	127 mm (5") with adapters for other sizes	127 mm (5") with adapters for other sizes	127 mm (5") with adapters for other sizes
Max. Roll O.D.	45 cm (17.5") roll standard	45 cm (17.5") roll standard	45 cm (17.5") roll standard
Seamed/Seamless	Either	Either	Either
Film Feed Orientation	Roll lies vertical on holder	Roll lies vertical on holder	Roll lies vertical on holder
Overall Dimensions(HxWxD)	170x84x76 cm (67"x33"x30")	170x84x76 cm (67"x33"x30")	203x84x76 cm (80"x33"x30")
Material of Construction	Stainless steel, anodized aluminum, high density polyethylene	Stainless steel, anodized aluminum, high density polyethylene	Stainless steel, anodized aluminum, high density polyethylene
Power Standard *Not including Shrink Tunnel	400 watts @ 120 or 220 V	400 watts @ 120 or 220 V	400 watts @ 120 or 220 V
Air Supply Required	85 L/min @ 5.6 kg/cm ² (3CFM @ 80 p.s.i.)	85 L/min @ 5.6 kg/cm ² (3CFM @ 80 p.s.i.)	85 L/min @ 5.6 kg/cm ² (3CFM @ 80 p.s.i.)

*Applications for Bandits outside standard specifications should be referred to Kalish. Bandits can be specially configured to run at speeds up to 120BPM on short bands.

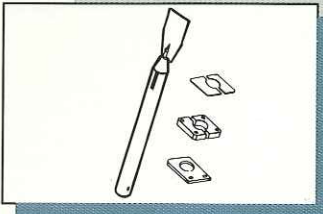
OPTIONS TO MEET YOUR PARTICULAR NEEDS



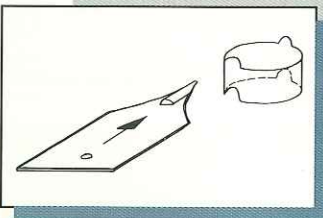
PHOTOELECTRIC PRINT REGISTRATION for pre-printed bands. Includes electronic eyemark detection system with adjustable sensitivity. Heavy duty clutch/brake assembly ensures each band is cut to exact length. Selector switch enables Bandit to be used with or without print registration.



BOTTLE CHANGE PARTS include **STARWHEEL** and **BACKPLATE**. Assembly can be interchanged in minutes, eliminating downtime and allowing several changeovers within each production run or shift. (One set included with basic machine). Note: Bottle change parts are eliminated when Bandit is equipped with inline indexing.



BAND CHANGE PARTS including mandrel, guide, and band gripper inserts can be changed over in minutes. One extra set required for each band size which often suits a range of bottles. (One set included with basic machine).

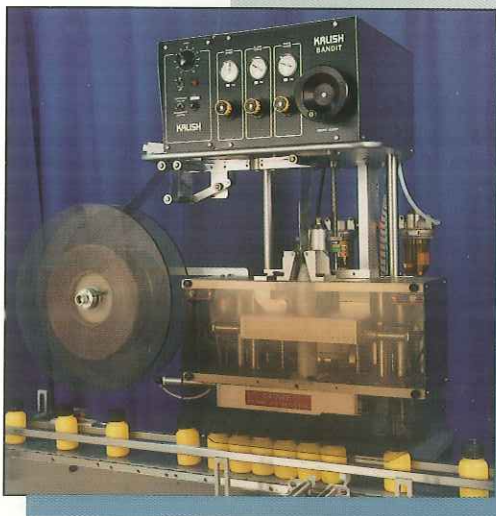


TEAR TABS can be provided with a special cutting blade. Includes second perforation wheel to provide two tear strips when using tear tab knife.

HORIZONTAL PERFORATION ATTACHMENT allows tamper evident cap sealing which leaves neck band in place to serve as neck label even after cap has been removed.

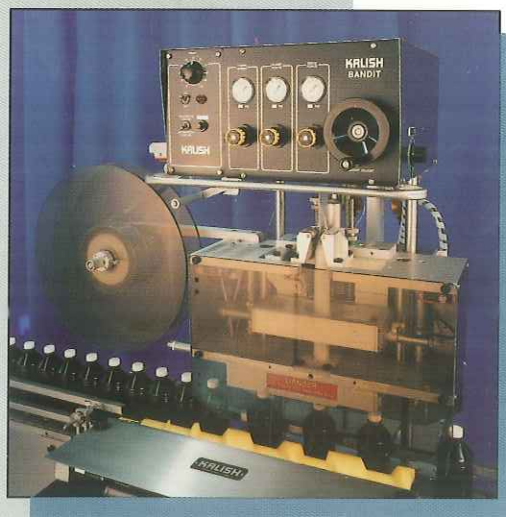
SHRINK TUNNELS – Refer to back page for further information.

INLINE INDEXING - FOR A WIDE RANGE OF BOTTLES



INLINE INDEXING Fully adjustable indexing fingers automatically stop bottles as they come down conveyor for banding. Ideal for short runs on a wide range of bottles. Eliminates change parts. Speeds to 70 B.P.M.

WORM FEED - FOR HIGH SPEED LONG PRODUCTION RUNS



WORM FEED suitable for smooth inline transfer of containers through banding station. Ideal for long runs and those that prefer worm feed indexing to starwheel indexing. Speeds to 100 B.P.M.

Note: Safety guarding – standard safety guards as shown are included as standard. Additional guards to suit your local labour regulations are available at extra cost. Please specify your requirements.

KALISH-SHRINK TUNNELS



STANDARD ECONOMY TUNNEL for neck bands

- 46 cm (18") compact and economic design.
- 2000 watt heat gun, blows hot air into tunnel.
- Adjustable heat deflectors, side and bottom, to help shrink bands onto even unusual bottles and caps and reduce heat loss.
- Cap sizes up to 5.4 cm (2 1/8") diameter.
- Maximum band length 5 cm (2").
- Easy adjust mounting brackets enable shrink tunnel to be mounted on any conveyor and adjusted for bottles up to 30 cm (12") high.
- Electrics 110V/60HZ/1PH (2000 w) or 220V/60HZ/1PH (2000 w), others on request.



2 GUN TUNNEL for large neck bands

- 46 cm (18") compact design delivers high quality shrink.
- 2 x 2000 watt heat guns blow hot air directly into tunnel.
- Adjustable heat deflectors. Unique two piece design for maximum adjustment to handle even unusual bands.
- Cap sizes up to 12.5 cm (5") diameter.
- Band length up to 7.5 cm (3").
- Easy adjust mounting brackets enable shrink tunnel to be bolted to any conveyor and adjusted for bottles up to 30 cm (12") high.
- Electrics 220V/60HZ/1PH (4000 watts).



4 GUN TUNNEL for body bands

- 60 cm (24") compact design delivers high quality shrinks.
- 4 x 2000 watt heat guns deliver heat required to shrink the largest body bands/labels.
- Adjustable heat deflectors, side and bottom, help direct heat where it is required with minimum heat loss.
- Bottle sizes up to 18 cm (8") diameter.
- Maximum band length 15 cm (6").
- Easy adjust mounting brackets enable shrink tunnel to be mounted on any conveyor and adjusted for bottles up to 30 cm (12") high.
- Electrics 220V/60HZ/1PH (8000 watts).

OPTIONAL ADJUSTABLE HEAT GUN CONTROL

Available for standard, two, or four gun tunnels. Adjustable heat controls allows shrinking of even the most delicate bands without wrinkling or splitting.

OPTIONAL SAFETY TUNNEL LIFT DEVICE

Shrink tunnel lift system automatically lifts shrink tunnel to clear bottles as soon as conveyor is stopped. A must for heat-sensitive products.

KALISH

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