Sal-Tech Easy Packaging
Packaging Solutions
Banding

WE KEEP THINGS TOGETHER

Machines, and Materials

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EASY PACKAGING
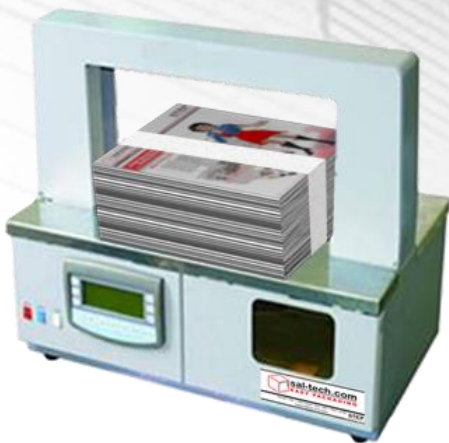
BANDING
Get the best out of the BANDING process.

Typical equipment for banding:

Automatic STEP Band 800 *1	**Automatic STEP Band 1000**	**Automatic STEP Band 1400**	**Automatic STEP Band w. Jumbo**

Process: With the banding process you place a paper or film tape around your product. This tape is either heated welded or ultra sonic, there by holding the product. Banding can only be done automatic or fully automatic. Before banding you have to place your product, if it is 1 unit or many items the final position must be present before the banding is made and this position must be geometrically stabile. (see the article on geometrical stability in packaging) In order to make a good banding the product must have enough surface towards the banding spacer/surface, so when the tape is tightened it can release. You can band both hard and soft products within limitations. The area towards the spacer surface must be above 50mm and flat. Banding is great for product that have little strength, using banding you can use zero tension just placing he tape around your product and you can tension up to about 18 kg depending of machine.
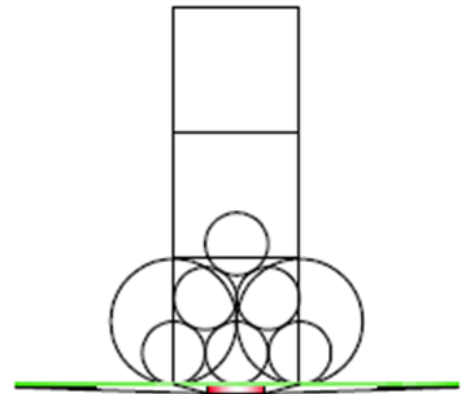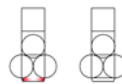
Geometry good for banding as it has large enough surface towards spacer.
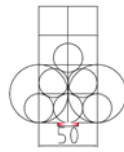
Geometry allows for banding given the correct options are added.
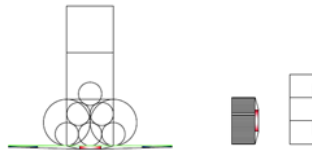
Geometry does not allow banding, surface towards spacer to small/short.

In connection with the process different equipment can be used:

Manual:
Paper wrap this closed with tape, for this you need no machine or equipment.

Semi Automatic:
Only support equipment in connection with production done individually exists.

Automatic:
General: Ring banding is not possible, but Sal-tech Easy Packaging has some solutions for this task using open/closing arches making it possible. Product size is limited to arch size and if the product has to be turned inside the arch the diagonal.

Banding machines feed the tape automatically. There are 2 main forms:

- The tape is pushed up in a loop form and is then ready for banding. No product can be inside the machine while the tape is set ready. On start, the tape will be pulled back for tension and then welded and cut. Tension from few kg/gram up to about 18 kg max. Example on this kind of machine is STEP Band 800.
- Banding machines that shoot the tape around in the arch and on start opens the arch and pulls back the tape back around the product for tensioning and welding. Example on this kind of machine is STEP Band 1000, 1100 og 1200.

                    Note *1: No longer sold

Sal-Tech Easy Packaging

Banding Systems
Graphic, Pharma, Production

Banding machines and systems are used in the grachic industry for bundling brochures, lables, envelopes, in banks for bundling money and coins (shrink wrapped), in production for pre assemblies before final inlay packaging, for securing, for marking and labeling, for raising value to product.

STEP BAND 2000 Ultrasonic 460x200-30mm

STEP BAND 2000 is designed For Ultrasonic banding tapes cold welding & no smoke, no warm or cool down up time.

Features:

- No need for preheating time
- Strong and reliable sealing
- Suitable for humid, dusty and cold environment
- No smoke
- No Plastic leftovers
- Cold, welding, for safety of product' surface

Specification	
Model	STEP BAND 2000 Ultrasonic 460x200-30mm
Item No.	32202000
Applicable Tape	OPP Film
Material	29.2-29.6mm (width) x 100-120mic (thickness) x 500-800m (length)
Band Roll Core	40mm (core diamerter)
Arch size	460 x 200mm
Strap size	Max 460 x 200 Min 50 x 10mm
Power supply	220V/ 110V 50HZ/ 60HZ
Power	450W
Control system	PCB
Strapping speed	24 packs/ M
Strapping tension	5-30N
Sealing Method	Ultrasonic
Net weight	75kg
Machine Dimension	L644 x W430 x H1256
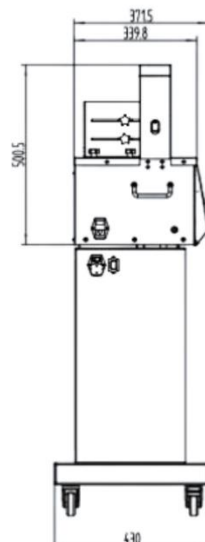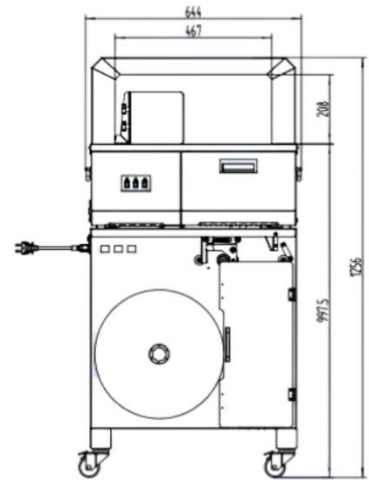
STEP BANDING MACHINES:
STEP Band 1000

The all round banding machine for easy to use application

Table Top Banding Machine, it bonds the material together by applying the Heat Sealing System to form a nice and tidy seal.

Features:

- Can Use 50micron Plastic Tape
- Start and ready at once, no heating time.
- Size of product up to B460mm x H200mm
- Band width 30mm x 100-130MIC on core ø40mm
- High Tension, mechcanical adjustable tension 5-30N.
- Easy to operate and load the band.
- Microprocessor controlled.
- Up to 26 bands/min.
- With counter
- Touch Screen Control Box
- Precise Tension Adjustment
- Step Control to Clear Tape Jam
- Heat Sealing
- New Arch Guide Design
- Photo Eye Sensor on Table Top
- With Pause Function

Specifications		
Model No.	STEP BAND 1000-20	STEP BAND 1000
Tape Specification (W x Thickness)	19.2 - 19.6mm x 100 – 130mic	29.2 – 29.6mm x 100 – 130mic
Tape Type	OPP Film or Paper Tape	OPP Film or Paper Tape
Arch Size	470 x 200mm	470 x 200mm
Roll Size	40mm Diameter x 150 Meters per Length	40mm Diameter x 150 Meters per Length
Banding Size	Max. 460 x 200mm, Min. 30 x 10mm	Max. 460 x 200mm, Min. 30 x 10mm
Power Supply	220V 50/60hz 1 Phase	230V 50/60hz 1 Phase - Default
	110V 60Hz 1 Phase	110V 60Hz 1 Phase - Optional
Control System	PCB	PCB
Banding Speed	26 Bandings/Min.	26 Bandings/Min.
Net Weight	32 Kg	32 Kg
Welding Method	Heat Sealing	Heat Sealing
Banding Tension	5-30N	5-30N
STEP Item No.	32201020	32201000

# STEP BAND 1400 High Speed Banding Machine

Features:

- Can Use 50micron Plastic Tape
- Up to 26 bands/min.
- With counter
- High Tension
- Touch Screen Control Box
- Precise Tension Adjustment
- Step Control to Clear Tape Jam
- Heat Sealing
- New Arch Guide Design
- Photo Eye Sensor on Table Top
- With Pause Function
- High grade parts compared to STEP Band 1300

Optional Jumbo dispenser

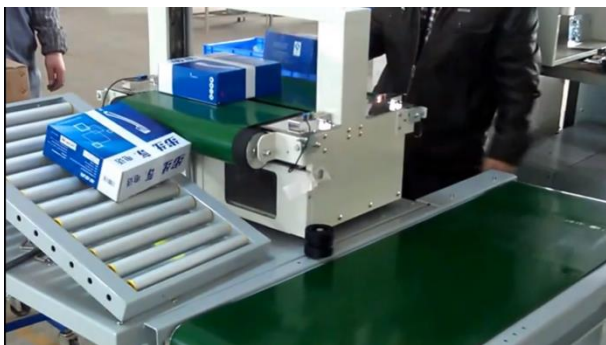| Specifications	
Model No.	STEP BAND 1400
Tape Specification (W x Thickness)	29.4mm x 50-80micron
	29.4mm x 80-120micron
Tape Type	OPP Film, Paper Tape, Kraft Paper
Arch Size	430 x 200mm
Roll Size (Diameter x Length)	Plastic Film: 40mm x 150-300m
	Paper Tape:40mm x 150-180m
Banding Size	Max. 420 x 200mm, Min. 30 x 10mm
Power Supply	230V 50/60hz 1 Phase - Default
	110V 60Hz 1 Phase - Optional
Control System	PLC & Touch Control Box
Banding Speed	31 Bandings/min.
Net Weight	34 Kg
Welding Method	Heat Sealing
Banding Tension	5-40N
STEP Item No.	32201400
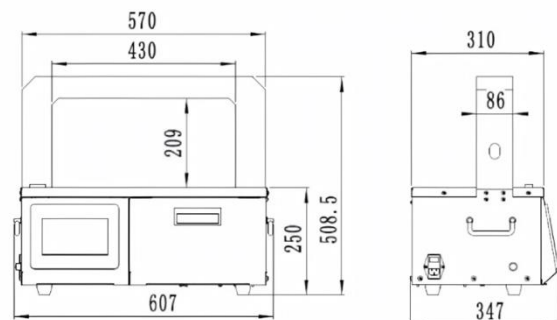
STEP BAND 1000 BELT:
BELT TABLE BANDING MACHINE:
STEP BAND 1000 BELT Automatic Banding Machine

Features:
- Photo Eye sensor or Foot Pedal Operation
- Digital Screen Control
- Can use Paper or Film Tape
- Adjustable Feeding Tension and Banding Tension
- Band Package Min. Size 30 x 10mm – 460 x 200mm
- Enter Button to Clear Tape Jam

Specifications		
Model No.	STEP BAND 1000-20 Belt	STEP BAND 1000 Belt
Tape Specification (W x Thickness)	29.2-29.6mm x 100 -130mic	29.2-29.6mm x 100 -130mic
Tape Type	OPP Film or Paper Tape	OPP Film or Paper Tape
Arch Size	470 x 200mm	470 x 200mm
Roll Size	40mm Diameter x 150 meters per Length	40mm Diameter x 800 meters per Length
Banding Size	Max. 460 x 200mm, min. 30 x 10mm	Max. 460 x 200mm, Min. 30 x 10mm
Power Supply	230V 50/60hz 1 Phase - Default	230V 50/60hz 1 Phase - Default
	110V 60Hz 1 Phase - Option	110V 60Hz 1 Phase - Option
Control System	PCB	PCB
Banding Speed	20 pcs/min.	20 pcs/min.
Net Weight	42 Kg	72 Kg
Welding Method	Heat Sealing	Heat Sealing
Banding Tension	5-40N	5-40N
STEP Item No.	32201510	32201520

STEP JUMBO Dispenser

Specifications		
Model No.	STEP JUMBO 1000	STEP JUMBO 1400
Tape Specification (w x Thickness)	30mm x 50-130micron	30mm x 50-130micron
Tape Type	OPP Film or Paper Tape	OPP Film or Paper Tape
Table Height	755mm	550-750mm
Roll Size (Diameter x Length)	76mm x 500-800m	76mm x 800-1200m
Connection	Parallel Connection	Parallel Connection
Net Weight	40 kgs	45 kgs
Machine Dimensions (L X W x H)	614 x 430 x 755mm	614 x 430 x 550-750mm
Item no.:	32201090	32201490

Jumbo rolls of banding tape
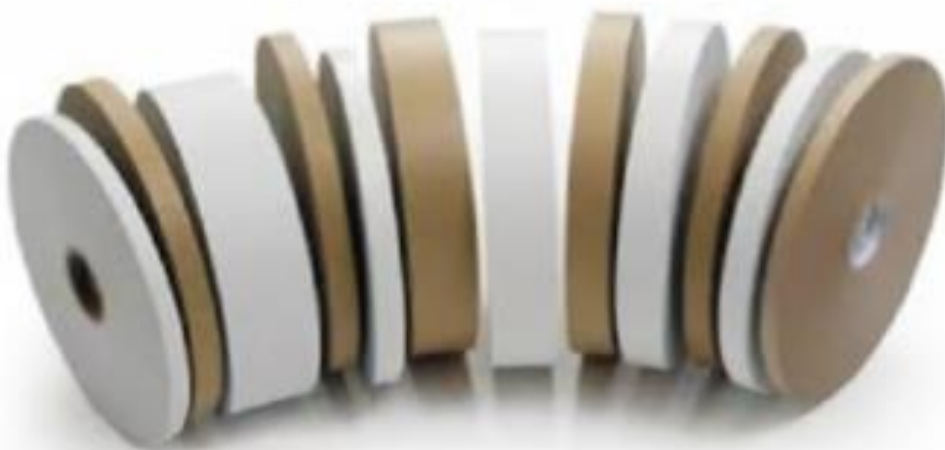
STEP BAND 1800 Vacuum Feeding Banding Machine WIDE BANDING TAPE

STEP BAND 1800 Vacuum Feeding Banding help saves money and labor. The material is bonded together using a thermal sealing method to make a neat seal around the object. Pharmacy, printing, graphic design, dairy products, and money are examples of industries.

Features

- Touch Screen Operation
- Heat Sealing
- Can use thin OPP film 50mic
- Smooth Vacuum Feeding
- Servo Motor
- Eye Mark sensor to locate the printed bands (Option)
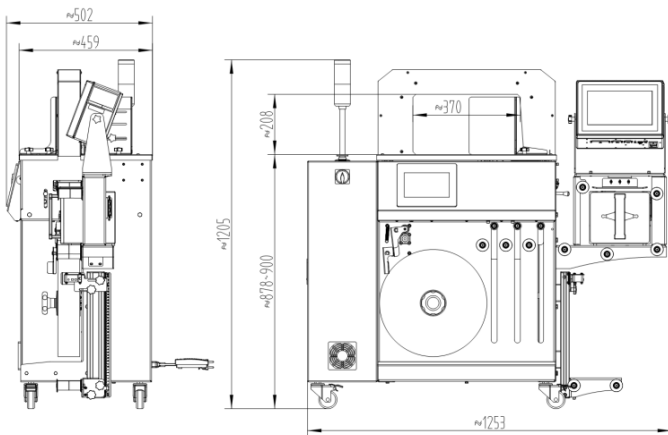
Specification	
Model	STEP BAND 1800 Vacuum Feeding Banding Machine
Arch size	370x 200mm
Band width	75mm OPP film
Thickness of Band	50-120my OPP film
Core diameter	Ø40mm with 1000-1500meter per roll
Banding speed	25-30 packs7min
Tension	5-30N
Sealing Type	Heat sealing
Weight	175kg
Electrical connections	230/110V 50/60Hz 450W
Item No.	32201800

STEP LARGER ARCH BANDING SYSTEMS

Specifications			
Model No.	STEP BAND 1000-30B	STEP BAND 1000-30B-60	STEP BAND 1000/1400 Base
Tape Specification (W x Thickness)	29.2-29.6mm x 100 -130mic	29.2-29.6mm x 100 -130mic	29.2 – 29.6mm x 100 – 130 micron
Tape Type	OPP Film or Paper Tape	OPP Film or Paper Tape	OPP Film, Paper Tape
Arch Size	470 x 200mm	600 x 600mm	1000 x 320mm
Roll Size	40mm Diameter x 800 meters per Length	40mm Diameter x 800 meters per Length	40mm x 800m
Banding Size	Max. 460 x 200mm, min. 30 x 10mm	Max. 600 x 600 mm, Min. 30 x 10mm	Max. 1000 x 300mm, Min. 30 x 10mm
Power Supply	230V 50/60hz 1 Phase	230V 50/60hz 1 Phase	230V 50/60hz 1 Phase
	110V 60Hz 1 Phase	110V 60Hz 1 Phase	110V 60Hz 1 Phase
Control System	PCB	PCB	PCB
Banding Speed	25 pcs/min.	25 pcs/min.	20 pcs/min.
Net Weight	72 Kg	80 Kg	80 Kg
Welding Method	Heat Sealing	Heat Sealing	Heat Sealing
Banding Tension	5-40N	5-40N	5-40N
STEP Item No.	32201530	32201540	32201550

STEP BAND 500 BANDING MACHINE

Automatic Tape Banding Machine for Efficient Banknote Bundling. Upgrade your banknote bundling process with our cutting-edge tabletop banding machine. This high-speed device is designed to seamlessly accommodate 20/30/40mm wide band paper or OPP tape, ensuring a secure and efficient packaging solution. Experience the benefits of precision and speed as this machine effortlessly bands banknote bundles, streamlining your workflow and enhancing productivity. Trust in the reliability of our state-of-the-art technology to meet your bundling needs with precision and speed.

Features:
- Sturdy and Compact Build
- Precision in Structure
- Versatile Operation Modes
- Optional Foot Switch Functionality
- Temperature-Controlled Band Sealing
- Customizable Band Guides
- Adaptable Try Square for Varied Product Sizes
- Flexible Band Loop Adjustment
- Continuous Banding Tension Adjustment

Technical Details

Product dimensions	Width 40 to 250 mm Height 5 to 200 mm
Band guides adjustable between	120 to 250mm
Working Speed	25 bundles 1 min.
Core roll	50/75mm
Power supply	220/230V, 50Hz, 200VA, 1Ph 110V, 60Hz, 180VA, 1Ph different power supply on request
Dimensions Weight	365x315x245mm (L/W/H) 19kg

STEP Item no.: 32200500

STEP BAND 300 Money Banding Machine

Small size paper banding machine 20mm paper tape bundling machine for currency/money/banknotes/labels banding machine

Features:

- Multifunctional Control
- Compact Design
- Resilient Operation
- Accessible Repair
- Inclusive Roll Sample
- Adjustable Tension

Technical Details

Banding Way	Thermal binding, crossing binding or double-crossing binding, open-handle
Banding paper size	20mm wide*76mm inner diameter*100m long
Banding Speed	<2 secs per time
Length of Paper circle	adjustable
Voltage	110/220v+10% 50HZ
Max Working Power	40W
Dimension	320*270*210mm
Net Weight	5kg
Gluing Temperature	Adjustable
Degree of binding tightness	Adjustable
STEP Item no.	32200300

STEP Band 310

Features:

- Simple to use
- Quick strapping
- Automatic heat sealing without odor
- Adjustable tension in three stages
- Three activation modes: automatic, manual, and foot pedal
- Versatility to use both kraft paper tape and OPP transparent tape
- Custom printing on paper bags and OPP transparent tape available
- Effortless tape exchange
- Compatible with strap widths of 20mm, 30mm, or 40mm (customizable)
- Customizable printing and specifications for both paper tape and OPP transparent tape

Technical Details

|	
Dimensions	542mm(W)x317(D)x376mm(H)
Net Weight	18kg
Power Supply	Select AC110v or AC220v 50/60HZ
Bundle size	300mm(W)x200mm(H)
Banding speed	16~18 times/min
STEP Item no.	32200310

STEP Easy Band 60B-600

STEP Easy Band 60B-600 is an easy-to-use and dependable trolley-mounted banding machine. It has a banding speed of 25 cycles per minute and can utilize 29 mm wide paper and polypropylene tapes on reels up to 800 meters long. The maximum banded light it produces is L400 x H 200 mm.
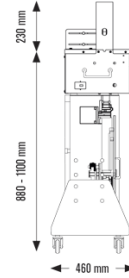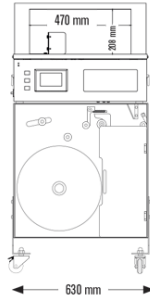
Features:

- Compact design
- Motorizsed reel holder for autonomy up to 800 meters
- Digital display visualizer
- Parameter adjustment directly from the control panel
- Easy maintenance
- Banding group with 24 vdc motors
- Adjustment by means of a ring nut for tensioning the clamp
- Manual or automatic banding system via sensor
- Welding time adjustment
- Adjusting the time between one banding and the next (only in automatic mode)
- Adjustment of the release time of the strap
- Language preference
- CE directives-compliant machine

Specification	
Model	STEP Easy Band 60B-600
Item No.	41531000-A60.60
Machine Size	L 630 x W 460 x H 1100 - 1330 mm
Net weight	75 Kg.
Supply voltage	220 Volt
Power frequency	50/60 Hz
Noise level	Complies with DIN 45635/27
Speed per minute	25 cycles
Reel holder	Motorized with independent base
Band type	Poly-coated kraft paper, PE / OPP film
Band width	29 mm
Band thickness	100 - 120 my
Banding tension	5 - 40 N
Type of closure	Heat sealing
Internal reel diameter	40 mm
Coil outer diameter	Max. 380 mm
Measurements max. banding arch	L 470 x H 208 mm
Min size product	W 30 x H 10 mm
Max size product	W 460 x H 200 mm

STEP BAND 1400-CA-MP Logo Centralize in-line automatic banding machine

Features:

- Use 60-120micron OPP film or 80 g/m2 paper
- Can set for 1 or 2 bands
- Automatic feeding and delivery
- Schneider touch screen and PLC
- Easy setup
- Machine with logo centralize function
- Machine with the counter
- Conveyor speed adjustable

Specifications	
Control System	Schneider touch Screen + PLC
Tape Size	W29.4mm*L500-800M
Tape Thickness	100-120mic (paper and film)
Core diameter	76 mm
Power supply	220V/110V 50Hz/60Hz 1PH
Arch size	370*200mm
Banding size	Max: 370 x 200mm
	Min: 30 x 10mm
Applicable tape	Paper, kraft & OPP film
Tension	5-40N 0.5-4kg
Banding speed	22 pcs/min
Welding method	Heating sealing
Sliding plate width	16mm
Machine weight	N.W:130Kg
Item no.	32201610

STEP BAND 1400-30AM10 Pharmacy Box Handling Machine

Specifications	
Control System	PLC
Tape Size	W29.4mm*L500-800M
Tape Thickness	60-120mic (paper and film)
Core diameter	40 or 76 mm
Power supply	220V/110V 50Hz/60Hz 1PH
Air consumption	0.6MPA
Arch size	430*200mm
Banding size	L100-150MM*W50-120MM
Applicable tape	Paper, kraft & OPP film
Tension	5-30N 0.5-3kg
Banding speed	13-17 pcs/min
Welding method	Heating sealing
Power	1500W
Machine weight	N.W:180KG
Item no.	32201650

STEP BAND 1400-30LABR

Specifications STEP BAND 1400-30LABR	
Control System	Schneider PLC+touch screen
Tape Size	W29.4mm*L150-800M
Tape Thickness	60-120mic (paper and film)
Core diameter	76mm
Power supply	220V/110V 50Hz/60Hz 1PH
Air consumption	0.6MPA
Arch size	400*200mm
Banding size	L100-480MM*W50-320MM*H5-170MM
Applicable tape	Paper, kraft & OPP film
Tension	5-40N 0.5-4kg
Banding speed	12pcs/min
Counter	Yes
Welding method	Heating sealing
Power	1500W
Machine weight	N.W:232KG
Machine dimension	1678*740*1366CM
Item no.	32201630

STEP BAND 1400-30ABE

Specifications STEP BAND 1400-30ABE	
Control System	Schneider PLC+touch screen
Tape Size	W29.4mm*L150-800M
Tape Thickness	60-120mic (paper and film)
Core diameter	76mm
Power supply	220V/110V 50Hz/60Hz 1PH
Air consumption	0.6MPA
Arch size	400*200mm
Banding size	L100-850MM*W50-280MM*H5-170MM
Applicable tape	Paper, kraft & OPP film
Tension	5-30N 0.5-3kg
Banding speed	13-17pcs/min
Counter	Yes
Welding method	Heating sealing
Power	1500W
Machine weight	N.W:232KG
Machine dimension	1678*740*1366CM
Item no.	32201640

STEP Tape Bander TM-430

STEP The TAPE Bander TM-430 is the right solution for a wide range of industrial tape applications. The TM-17 orbital tape applicator applies nearly any type of tape in adhesive levels ranging from micro-adhesive (releasable) to permanent around the whole product. This is an excellent alternative when typical metal banding or poly-strapping produces less than perfect results.

STEP TAPE Bander TM-21

STEP TAPE Bander TM-21 **is** the ideal solution for a multitude of industrial tape applications. As an orbital tape applicator, the TM-21 applies virtually any kind of tape in adhesive levels from micro-adhesive (releasable) to permanent around the entire product. This is an ideal solution where traditional metal banding or poly-strapping creates less than ideal desired results.

Features:
1.   High-Speed Operation
2.   Versatile Banding Options
3.   User-Friendly Interface
4.   Compact Design

SPECIFICATIONS		
Model	STEP TAPE Bander TM-430	STEP TAPE Bander TM-21
Bundle Width	5.08 cm - 43.18 cm	50.8 mm - 533.4 mm
Bundle Length	N/A - Pass Through Design	N/A - Pass Through Design
Bundle Height	2.54 cm - 40.64 cm	25.4 mm - 406.4 mm
Electrical	120VAC, 15 AMP	120VAC, 15 AMP
Compressed Air	5.52-8.27 bar, 0.085 cubic meters per minute max	5.52-8.27 bar, 0.085 cubic meters per minute max
Machine Dimensions	81.28 cm (W) x 51.56 cm (D) x 160.02 cm (H)	81.3 cm W x 51.6 cm D x 160 cm H
Machine Weight	181.44 kg	181.4 kg
Tape Width	2.54 cm - 7.62 cm	25.4 mm - 76.2 mm
Item Number	32500430	32500530

STEP Tape Bander TM-21A

STEP Tape Bander TM-21A Automated Orbital Tape Bander is the ideal solution for industrial tape applications. As an orbital tape applicator, it applies virtually any kind of tape in adhesive levels from removable to permanent around the entire product.

The TM-21A is the perfect solution when traditional metal banding or poly-strapping creates less than ideal results. It eliminates the need for metal or strapping material so you can create exceptionally secure packages at a fraction of the material and efficiency costs.

Features:
1.   Orbital Taping System
2.   Versatile Tape Options
3.   Integration Capabilities
4.   Ease of Operation

SPECIFICATIONS	
Model	STEP TAPE Bander TM-21A
Bundle Width	15.24 cm - 50.8 cm
Bundle Length	N/A - Pass Through Design
Bundle Height	5.08 cm - 30.48 cm
Electrical	220VAC, 15 AMP
Compressed Air	5.52-8.27 bar, 0.085 cubic meters per minute max
Machine Dimensions	83.06 cm W x 101.6 cm D x 177.8 cm H
Machine Weight	272.16 kg approx.
Tape Width	25mm - 72mm
Item Number	32501530

STEP Label Bander LM-17

STEP Label Bander LM-17 is the ideal solution for many industrial labeling applications. As an orbital label applicator, the LM-17 applies virtually any kind of label in adhesive levels from micro-adhesive (releasable) to permanent around the entire product.

STEP Label Bander LM-21

STEP Label Bander LM-21 is the ideal solution for a multitude of industrial labeling applications. As an orbital label applicator, the LM-21 applies virtually any kind of label in adhesive levels from micro-adhesive (releasable) to permanent around the entire product.

Features:
1.   Versatile Adhesive Application
2.   Orbital Label Application
3.   High Throughput
4.   Plug and Play Design

SPECIFICATIONS		
Model	STEP Label Bander LM-17	STEP Label Bander LM-21
Bundle Width	5.08 cm - 43.18 cm	5.08 cm - 53.34 cm
Bundle Length	N/A - Pass Through Design	N/A - Pass Through Design
Bundle Height	2.54 cm - 40.64 cm	2.54 cm - 40.64 cm
Electrical	120VAC, 15 AMP	120VAC, 15 AMP
Compressed Air	5.52-8.27 bar, 0.085 cubic meters per minute max	5.52-8.27 bar, 0.085 cubic meters per minute max
Machine Dimensions	81.28 cm W x 51.56 cm D x 160.02 cm H	81.28 cm W x 51.56 cm D x 160.02 cm H
Machine Weight	181.44 kg approx.	181.44 kg approx.
Tape Width	2.54 cm - 7.62 cm	2.54 cm - 7.62 cm
Item Number	32502430	32502530

STEP Stretch Film Bander MPT-17

STEP Stretch Film Bander create the highest bundle integrity at the lowest per bundle cost for virtually all your bundle configurations and banding needs. 10-second roll changes keep the bander doing what it does best: **keeping your line running**.

STEP Stretch Film Bander MPT-21

STEP Stretch Film Bander MPT-21 create the highest bundle integrity at the lowest per bundle cost for virtually all your bundle configurations and banding needs. 10-second roll changes keep the bander doing what it does best: keeping your line running.

SPECIFICATIONS		
Model	STEP Stretch Film Bander MPT-17	STEP Stretch Film Bander MPT-21
Bundle Width	7.62 cm - 43.18 cm	7.62 cm - 53.34 cm
Bundle Length	N/A - Pass Through Design	N/A - Pass Through Design
Bundle Height	Up to 22.86 cm	Up to 40.64 cm
Electrical	120VAC, Single Phase, 15 AMP	120VAC, Single Phase, 15 AMP
Compressed Air	5.52-8.27 bar Maximum Air Consumption: 0.028 cubic meters per minute	5.52-8.27 bar Maximum Air Consumption: 0.028 cubic meters per minute
Machine Dimensions	81.28 cm W x 51.56 cm D x 142.24 cm H	81.28 cm W x 51.56 cm D x 160.02 cm H
Machine Weight	Approximately 158.76 kg	Approximately 158.76 kg
Tape Width	CE SmartBand * CE Secure Band 55mm-wide maximum width	CE SmartBand * CE Secure Band 35mm-wide maximum width
Item Number	32503430	32503530

STEP Automated Stacker and Bander AP-25

STEP Automated Stacker and Bander AP-25 is a fully automated carton stacking and banding system that offers revolutionary versatility, performance and reliable operation.

The AP-25 stacker collects product from an up-stream operation such as a carton filler machine in its first stage position until a predetermined count is achieved. From there, products are either indexed into the banding position or shifted over for the next column/row of product to be stacked. Once the entire bundle is accumulated, it's indexed into the banding position by a high-speed stepper motor.

Features:
1.   Automated   Stacking   and Banding
2.   High-Speed Performance
3.   Flexible Integration
4.   Durable   and   Eco-Friendly Materials

SPECIFICATIONS	
Model	STEP Automated Stacker and Bander AP-25
Bundle Width	7.62 cm - 30.48 cm
Bundle Length	7.62 cm - 27.94 cm
Bundle Height	2.54 cm - 20.32 cm
Electrical	220VAC, 3 Phase, 15 AMP
Compressed Air	5.52-8.27 bar Maximum Air Consumption: 0.085 cubic meters per minute
Machine Dimensions	183.13 cm W x 119.63 cm D x 154.18 cm H
Machine Weight	Approximately 952.54 kg
Tape Width	CE SmartBand * CE Secure Band 35mm-wide maximum width
Item Number	32504635

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STEP Automated Stacker and Bander SB-25

STEP Automated Stacker and Bander SB-25 offers a new and better way to sort stack and band a variety of products. The unit collects products into a 2-stage stacker from an up-stream operation (such as a card affixing table or binding machine) until either a predetermined count is reached or a sort signal is received from the up-stream equipment.

Product is then dropped into the push position and indexed into the banding position. The pusher is driven by a high speed stepper motor. The SB-25 comes loaded with an in-feed conveyor, single drop accumulator, and stepper drive pusher.

Features

- Cost Savings
- Reliability
- Flexibility

SPECIFICATIONS	
Model	STEP Automated Stacker and Bander SB-25
Bundle Width	7.62 cm - 22.86 cm
Bundle Length	7.62 cm - 28.83 cm
Bundle Height	Up to 7.62 cm
Electrical	220VAC, 3 Phase, 15 AMP
Compressed Air	5.52-8.27 bar Maximum Air Consumption: 0.085 cubic meters per minute
Machine Dimensions	163.83 cm W x 102.62 cm D x 154.94 cm H
Machine Weight	Approximately 544.31 kg
Tape Width	CE SmartBand * CE Secure Band 35mm-wide maximum width
Item Number	32505635

Banding Tape – Paper brown/white, Film, transparent, foamed
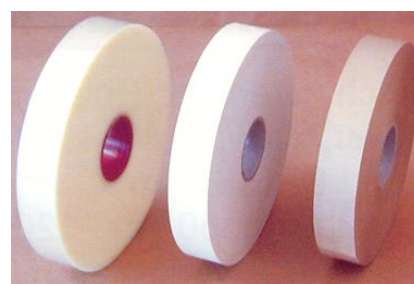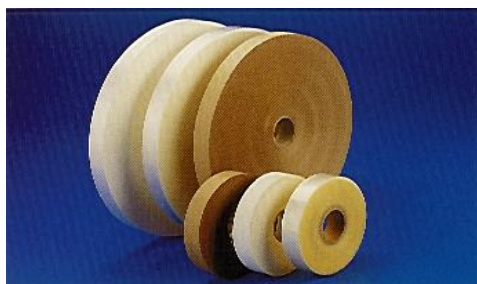
STEP Band 1000 / STEP Band 1100 / STEP Band 1400 / Ake Bono / Xutian WK02-30 / Xutian WK03-30 – (30mm)							
	Rolls/box	Rolls/pallet	Type	Width	M/roll	Core ø	STEP Item no
Banding tape paper brown	40	1200	PB 8029180	29	180	40	58129080-180-40
Banding tape paper white	40	1200	PW 8029180	29	180	40	58229080-180-40
Banding tape paper brown	40	300	PB 8029400	29	400	40	58129080-400-40
Banding tape paper white	10	300	PW 8029400	29	400	40	58229080-400-40
Banding film transparent	40	1200	FTB 11029200	29	200	40	58329110-200-40
Banding film transparent	10	300	FTB 11029500	29	500	40	58329110-500-40
Banding film transparent	10	300	FTB 11029800	29	800	40	58329110-800-40
Banding film transparent	10	300	FTB 110291000	29	1000	40	58329110-1000-40

Ake Bono (50 mm)							
Banding tape paper brown	6	180	PB 8049800	49	800	40	58149080-800-40
Banding tape paper white	6	180	PW 8049800	49	800	40	58249080-800-40
Banding film transparent	6	180	FTB 100291000	49	1000	40	58349100-1000-40
Banding film transparent	6	180	FTB 110291000	49	1000	40	58349110-1000-40

Band All (28 mm)							
Banding tape paper brown	10	300	PB 7028800 A	28	800	76	58128070-800-76
Banding tape paper white	10	300	PB 8028800 A	28	800	76	58128080-800-76
Banding tape paper white	10	300	PW 8028800 A	28	800	76	58228080-800-76
Banding film transparent	10	300	FTB 50281500	28	1500	76	58328050-1500-76

Band All (48 mm)							
Banding tape paper brown	6	180	PB 7048800 A	48	800	76	58148070-800-76
Banding tape paper brown	6	180	PB 8048800 A	48	800	76	58148080-800-76
Banding tape paper white	6	180	PW 8048800 A	48	800	76	58248080-800-76
Banding film transparent	6	180	FTB 50481500	48	1500	76	58348050-1500-76

STEP Band 800 / COM / Busch / ATS CE / ATS MS 420 / Tapit (30 mm)							
Banding tape paper brown	40	1200	PB 7030150	30	150	50	58130070-150-50
Banding tape paper brown	40	1200	PB 8030150	30	150	50	58130080-150-50
Banding tape paper white	40	1200	PW 7030150	30	150	50	58230070-150-50
Banding tape paper white	40	1200	PW 8030150	30	150	50	58230080-150-50
Banding film transparent	40	1200	FTB 10030150	30	150	50	58330100-150-50
Banding film transparent	40	1200	FTB 8030200	30	200	50	58330080-200-50

COM / Busch / ATS CE / MS 420 Jumbo Rolls (30 mm)							
Banding tape paper brown	10	300	PB 7030800	30	800	76	58130070-800-76
Banding tape paper brown	14	420	PB 8030300	30	300	76	58130080-300-76
Banding tape paper brown	10	300	PB 8030800	30	800	76	58230080-800-76
Banding tape paper white	10	300	PW 7030800	30	800	76	58230070-800-76
Banding tape paper white	10	300	PW 8030800	30	800	76	58230080-800-76
Banding film transparent	10	300	FTB 10030800	30	800	76	58330100-800-76

COM / Busch / ATS CE / MS 420 Jumbo Rolls (50 mm)							
Banding tape paper brown	6	180	PB 7050800	50	800	76	58150070-800-76
Banding tape paper white	6	180	PW 8050800	50	800	76	58250080-800-76
Banding film transparent	6	180	FTB 10050800	50	800	76	58350100-800-76

Banding Tape – Paper brown/white, Film, transparent, foamed
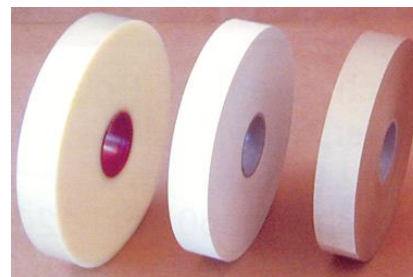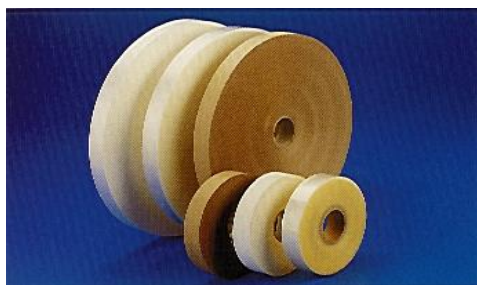
ATS Ultra Sonic (20 mm)	Rolls/box	Rolls/pallet	Type	Width	M/roll	Core ø	STEP Item no
Banding tape paper brown	15	450	PB 9020800 PPC	19	800	76	58419090-800-76
Banding tape paper white	15	450	PW 9020800 PPC	19	800	76	58519090-800-76

ATS Ultra Sonic (30 mm)	Rolls/box	Rolls/pallet	Type	Width	M/roll	Core ø	STEP Item no
Banding tape paper brown	10	300	PB 9030800 PPC	29	800	76	58429090-800-76
Banding tape paper white	10	300	PW 9030800 PPC	29	800	76	58529090-800-76
Banding film transparent	10	300	FTN 12530750	29	750	76	58629125-750-76
Banding film transparent	10	300	PEH 10030950	29	950	76	58829100-950-76
Banding film transparent	10	300	PEH 10030800	29	800	76	58829100-800-76
Banding film foamed	10	300	FWG 17030600	29	600	76	58729170-600-76
Banding film foamed	10	300	FWG 12530850	29	850	76	58729125-850-76

Ultra Sonic (50 mm)							
Banding tape paper brown	6	180	PB 9050800 PPC	47	800	76	58447090-800-76
Banding tape paper white	6	180	PW 9050800 PPC	47	800	76	58547090-800-76
Banding film transparent	6	180	FTN 12550750	47	750	76	58647125-750-76
Banding film transparent	6	180	PEH 10050950	47	950	76	58847100-950-76
Banding film transparent	6	180	PEH 10050800	47	800	76	58847100-800-76
Banding film foamed	6	180	FWG 17050600	47	600	76	58747170-600-76
Banding tape film white	6	180	FTN 12550750 WS	47	750	76	58747125-750-76

Sollas							
Banding film transparent	20	720	FTB 35251100	25	1100	76	58325035-1100-76
Banding film transparent	10	360	FTB 35501100	50	1100	76	58350035-1100-76

Palamides							
Banding tape paper brown	10	300	PB 7050300	49	300	76	58149070-300-76
Banding tape paper white	10	300	PW 8050300	49	300	76	58249080-300-76

Heidelberg							
Banding tape paper brown	6	180	PB 7048600 SC	48	600	76	58148070-600-76
Banding tape paper white	6	180	PW 8048600 SC	48	600	76	58248080-600-76

UltraMatic A3 / 380 (29 mm)							
Banding tape paper brown	40	1200	PB 8029180	29	180	40	58129080-180-40
Banding tape paper white	40	1200	PW 8029180	29	180	40	58229080-180-40
Banding tape paper brown	40	300	PB 8029400	29	400	40	58129080-400-40
Banding tape paper white	10	300	PW 8029400	29	400	40	58229080-400-40
Banding film transparent	40	1200	FTB 11029200	29	200	40	58329110-200-40

STEP Banding tape item number system:

- 58TypeWIdthTHIckness-LENgth-COrediameter

Implemented item number update as per January 2023. Banding Tape with print per request. Single or multiple colors:

Continued from page 2

Fully Automatic:

General: Ring banding ier not possible, but Sal-tech Easy Packaging has some solutions for this task using open/closing arches making it possible. Product size is limited to arch size and if the product has to be turned inside the arch the diagonal.

- Tajco solution: Exhaust tale pipe fix to cardboard back cover using band tape for sewing the tail pipe to the back board. Fully automatic solution, with capacity up to 16-20 per minute.

- Novo Nordisk: Problem small surface towards spacer that comes upright standing on a Møller & Davidcon automatic line for packaging of insulin pens. Solution: Side turned machine.

- Graphic Industry: Problem: Graphic product that consists of down to 2 piece of A4 paper that should be banded with tape. Solution: Tension all you can against forming plates that can be adjusted according to the product, hereby the tape is "broken" around the edge and afterwards it can hold the 2 piece of paper together.
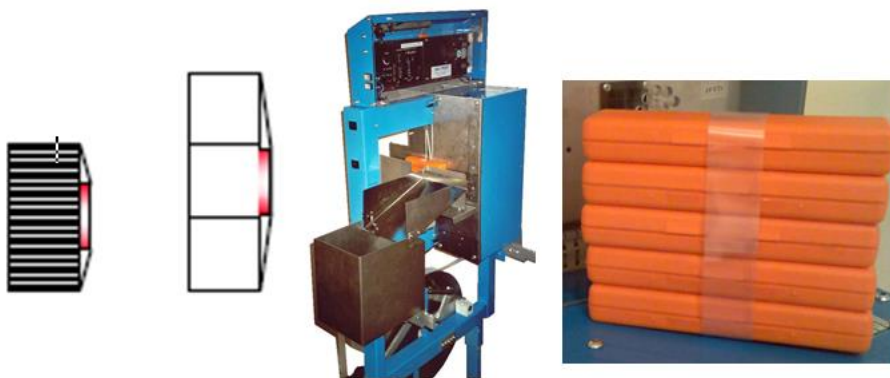
Project specified and more advance banding solutions according to trade can be made as project solutions.

Forming plates: Spacer