

■ BAND SEALERS

frequently asked questions

Contact us for further questions about what type of band sealer works for you.

general questions

Q: Can I purchase a band sealer if I do not have my bag yet?

Don't "put the cart before the horse." We recommend that you choose your bag first before purchasing a sealer. Choosing the right bag for your application and product is of the utmost importance. Depending on the purpose, you may need a stand up pouch or a vacuum bag or a simple polyethylene bag. The bag material will help determine what sealer you need. Once you have chosen your bag, we can help you determine which sealer will best seal your bag. **You are always welcome to mail us a sample of your bag and we can determine which sealers work best for your needs.**

Q: Should I choose a vertical or horizontal band sealer model?

Vertical band sealers typically seal small particle products (ex: powders, grains, coffee) and liquids. In addition, if you will be packaging your product using a stand up pouch, a vertical band sealer will work best. Horizontal models work best when you can lay flat your pouch.

Q: What is the importance of a stainless steel band sealer?

All of our band sealers are stainless steel vs. powder coated. Stainless steel is more durable and resistant to corrosion. Most importantly, our stainless steel sealers can be used in food packaging and processing.

Q: What if I have a foil or gusseted bag? Will the band sealer seal?

Yes. Our band sealers are designed to quickly and efficiently seal any thermoplastic material including PE, PPE, stand up pouches, gusseted bags (used to package coffee and tea), and moisture barrier bags. If you are unsure about your bag, send us a sample and we can test your bag and send the sealed bag back to you.

Q: Can the distance from the conveyor and seal area be adjusted? How do I determine if my bag can be sealed by a band sealer?

For a horizontal band sealer, the distance can be adjusted to a certain degree. We recommend that you also check the conveyor's load in the specification sheet.

For a vertical band sealer, the distance can be adjusted. Measure your bag (filled) from the bottom to the seal area. Please check our specification sheet for the "Distance from Sealing Center to the Conveyor". Your measurement should fit within the distances provided. For example, the minimum and maximum height for the CBS-8801le is 5.9"-10.6".

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maintenance

Q: How do I clean my band sealer?

We recommend wiping down your sealer with silicone spray and a shop cloth and/or toothbrush. Do not apply silicone directly to your sealer. Definitely do NOT wash down your machine with water. These machines are not made to work in high humidity environments nor in areas where excessive dust is present.

Q: What type of consumables does the band sealer “wear and tear” through?

Usable parts to keep on hand include the PTFE belt and the drive belts. If your unit has a dry ink coder, make sure to keep ink rollers on hand. Each machine will include a spare parts kit, but depending on how often you will be using your band sealer, you may want to purchase additional PTFE and/or drive belts. We will always keep all spare parts on hand for you.

Q: How often should I change the PTFE and drive belts?

Depends. The type and thickness of the material you seal, as well as the speed and amount of time the machine is running are all factors which determine how often you will need to change your PTFE belt. How a machine is operated and maintained are also factors.

Q: How will I know when to change the PTFE belt?

We recommend changing the PTFE belt when: (1) the band sealer begins to display “spotty” sealing and/or (2) the user notices that the PTFE belt has been “burnt” or worn areas. We want to stress the importance of changing the PTFE belt as part of maintaining the life of your band sealer.

Q: How can I extend the life of the PTFE belt?

- (1) Use the minimum temperature that will seal your bags
- (2) Keep the band clear of any plastic or debris by carefully applying a clean rag over it
- (3) Spraying liquid silicone on the band. The silicone will act as an additional agent against adhesion and help dispel heat away
- (4) Allow the machine to cool by turning off the “sealing heat” while keeping the conveyor running for a few minutes
- (5) If applicable, open the gap between bands to the maximum while maintaining optimum bag control

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embossing and dry ink coding

Q: How does the coder work?

There are two depending on which band sealer you have purchased. Check the specifications of the band sealer you are interested in to find which coder is included

Hot Ink Roller Coder – A roll containing heat activated ink transfers the ink to a type holder. An electronic sensor will detect the presence of a bag and send a signal to print the code on the desired spot.

Embossing Coder - Less expensive than a hot ink roller coder, an embossing coder continually embosses characters directly on the bag. The coder uses a printing pressure wheel and does not use ink. It creates an indentation that can be read, but will not be a high-readability, high contrast print such as that obtained from a hot ink roller coder. Note: Embossing coders show up best on foil bags.

Q: How many prints will each roll of ink last?

This will depend on the number of lines and characters per print. For Hot Ink Roller Coders, you can usually print between 15,000-25,000 bags per roll of ink.

Q: Is it possible to print in other colors?

Black is used for the majority of coding applications, but we do sell other colors when black does not offer the necessary contrast. Our alternate colors include: red, blue, and gold.

Q: What do the typesets (characters) look like?

Each brass type is approximately 1mm by 2mm high. The type is designed for high readability and differentiation between characters.

EXAMPLE:



Q: How quickly can the typesets be changed?

This will depend on the operator but should take no more than five minutes. Some customers like to keep additional type holders on hand to reduce machine downtime.

Q: Can I seal bags without using the printing coder?

Yes, you can seal bags without using the printing coder and vice versa.

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general operation

Q: I notice your band sealers use digital temperature controllers vs. analog. Is there a difference?

All of our band sealers utilize digital temperature controllers. We have found that our digital temperature control devices are not only easier to use, but do not degrade over time as with analog devices. Our digital temperature controllers give an exact readout of the current temperature and provide a temperature differential of $\pm 1^\circ$.

Q: How do I set the band sealer's temperature controller?

PV – process variable – the current temperature

SV – set value – desired temperature setting

1. Press the **<AT** (auto tuning) button to enter the set temperature mode.
2. Use the up and down arrows to adjust the SV in the ones, tens, and hundreds place to the desired temperature.
3. Press the **SET** button to save the temperature settings.
4. Wait until the **PV** temperature matches the **SV** temperature, approximately 5-10 minutes.

Note: If you need to change the temperature setting on the temperature controller, you will have to repeat the above steps.

