

BENEFIT FROM RETROFITS FFS-SERIES BAGGERS



P **PREMIER TECH**
CHRONOS

While most companies regard retrofitting equipment as replacing “old with new”, our approach is very different. For PREMIER TECH CHRONOS, retrofitting means creating customized solutions to help our customers achieve their specific business objectives. Our retrofits will provide you with even greater reliability, reduced downtime and increased production. Our goal is to turn older equipment back into state-of-the-art equipment.

Our service representatives are kept up-to-date on all new products which may benefit our clients. We are constantly striving to remain one step ahead by providing you with innovative ways to increase the productivity of your equipment and decrease unexpected downtime. Over the course of the last few years, our extensive R&D programs have enabled us to continuously improve our equipment. Retrofits or upgrades are therefore now available for most of our lines.

Benefits of retrofits

- Increased production
- Improved bag appearance
- Improved equipment reliability
- Reduced operating costs
- Reduced cycle times
- Increased employee safety



SIZE-ADJUSTABLE FILLING CHUTE

Previous Design



Each filling chute changeover could take up to 20 minutes of your production time and result in hundreds of wasted bags every day.

Updated Design



The Size-Adjustable Filling Chute can replace up to 3 filling chutes with a single pneumatic one allowing you to make quick changeovers through a simple selector.

Benefits

- Chute size adjustment is automatically carried out in 5 seconds using a remote control
- Integrated 360° dust-collecting ports
- Safer operation since filling chute is controlled by remote control and does not require the operator to climb on top of the machine
- It can accommodate up to 3 bag sizes from 15" to 24" (empty bag width dimensions). For more than 3 sizes, please contact us.



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TOP SEALER RETROFIT

Previous Design



Intermittent holes at the edge of the side seal.

Updated Design



The Top Sealer Retrofit makes the seal height adjustment very easy to do, thanks to four threaded rods. By lowering the whole module, the operator can obtain a better seal overlap at the junction between the top seal and side seal on the bag. This effectively eliminates the possibility of a hole being created at that point.

Benefits

- Safer operation with no moving parts when access door is open
- Easier to access and clean the sealing bars with the pneumatic top seal closing feature
- Automatic detection of overfilled bags
- Top sealer belts will always remain on track. No more downtime due to putting them back after jam ups or overfilled bags
- **Included in this retrofit:**
 - New knurled wheels with a vertical knurl pattern for stronger seal (page 10)
 - New pulleys without a cap (page 11)
 - New welded triple seal heating bars (page 12)



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CONVEYOR HEIGHT ADJUSTMENT SYSTEM

Previous Design



Constant demands on the lifting jacks of the conveyor would cause premature damage and need replacing.

Updated Design



The Conveyor Height Adjustment System replaces your manual lifting jacks with a rugged and reliable hydraulic device.

Benefits

- Easy up/down control using small remote control
- Powered by 120V, allowing for easy, quick installation which helps to minimize costs
- Robust design with low maintenance components for increased long-term reliability



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PNEUMATIC FILM ROLL SUPPORT

Previous Design



- 1- Film roll changeovers forced the halt of production.
- 2- Frequent film roll changeovers were required because the bagger could not support larger rolls. Better autonomy would mean higher productivity.
- 3- The film did not stay centered on the roll as it would unwind (telescopic effect).

Updated Design



The Pneumatic Film Roll Support achieves quick changeovers by activating a simple manual valve that lifts the film roll directly from the ground or pallet into the correct position. It reduces changeover time by more than 50%.

The stronger pneumatic film roll system can also support bigger film rolls which increase the bagger self-sufficiency by more than 45%.

Benefits

- Safe and easy to operate, no additional lifting device needed
- Reduced risk of injury due to heavy film roll manipulation
- No telescopic effect with film rolls when winding tension is reduced
- **Optional:** Second unwinding shaft makes film roll changeover even faster



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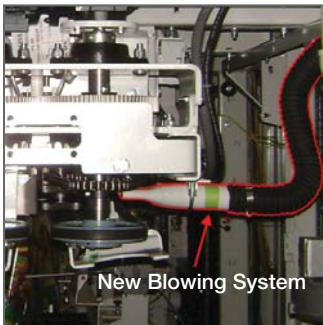
BAG TOP TRIMMER

Previous Design



With the Bag Top Trimmer located at the top sealer entry, the production run sometimes needed to be stopped to remove excess trim close to the ejector.

Updated Design



Our new Bag Top Trimmer is located at the exit of the top sealer. The new module has a highly effective blowing system that constantly ejects the excess trim.

Benefits

- Better bag appearance thanks to the new cutting mechanism
- Eliminates downtime related to the accumulation of trim



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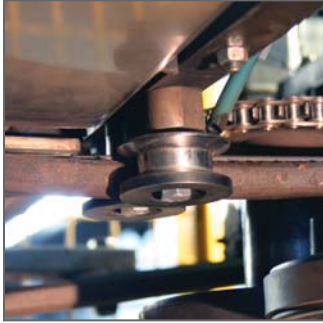


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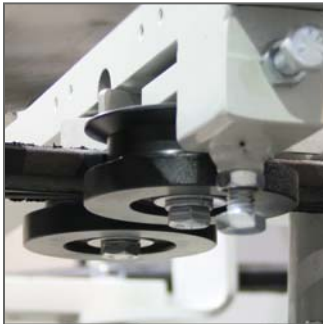
BIGGER PRESSURE PULLEYS

Previous Design



Due to constant strain, the pressure pulleys were prone to wear out and require frequent replacement.

Updated Design



A newly designed larger pressure pulley that lasts longer and improves belt control.

Benefits

- More consistent belt movement reduces the risk of disengagement
- New symmetrical design allows for easier and faster filling station adjustment
- Using the same bearings as the film drive and top sealer pulleys now allows you to reduce your inventory
- Stronger and adjustable pressure applied by the pulleys provides better bag support
- Quick and easy installation requiring 30 minutes or less to complete



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PRESSURE PULLEY CLEANING KIT

Previous Design



Product could build up inside the V-groove of the pulleys causing the belts to come loose thus stopping production.

Updated Design



This retrofit keeps your pressure pulleys clean during production. It decreases downtime related to maintenance, and minimizes the risk of belt disengagement.

Benefits

- Risks of belt disengagement and subsequent downtime are reduced to a minimum
- Quick and easy installation requiring 2 hours or less to complete



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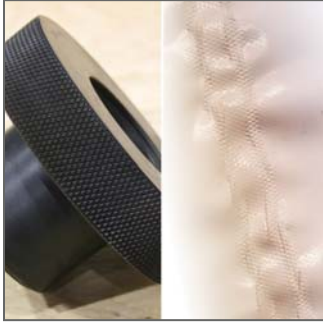


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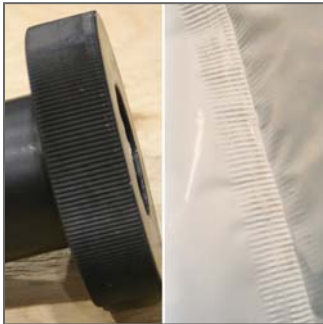
STRAIGHT KNURLED WHEELS RETROFIT

Previous Design



Although effective, the seal created by the knurled rollers was not always aesthetically pleasing and could lack strength.

Updated Design



The new wheels with straight knurls produce superior quality seals that not only look better but are also stronger.

Benefits

- The likelihood of a bag experiencing a premature tear is substantially reduced
- Improved bag appearance generates increased revenues for all parties concerned
- Quick and easy installation requiring 2 hours or less to complete



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NEW TOP SEALER PULLEYS

Previous Design



Due to constant wear and tear the top sealer pulleys needed to be replaced on a regular basis.

Updated Design



The new pulleys have completely enclosed bearings in order to prevent wear created by dust infiltration. Consequently they have a longer life span and reduced chances of malfunctioning.

Benefits

- Improved ball bearing longevity
- Easier access means reduced downtime
- Optimized performance
- Quick and easy installation requiring 2 hours or less to complete



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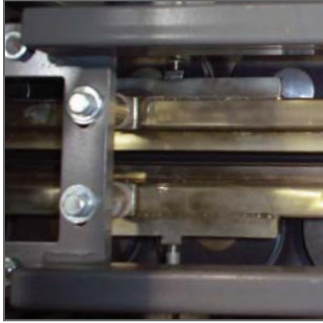


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RETROFIT HEATING BARS

Previous Design



The previous heating bar design required regular maintenance that, if not performed affected the strength of the seals.

Updated Design



The new state of the art triple seal heating bars are welded to make sure the gap between the two bars remains consistent. Thus, improving on both the seals themselves and the maintenance time required to keep them operating effectively.

Benefits

- The triple seal design improves top seal strength and prevents premature tearing
- Thermal insulation blocks are no longer required
- Fewer man hours are lost on maintenance and rejected bags
- Quick and easy installation requiring 2 hours or less to complete



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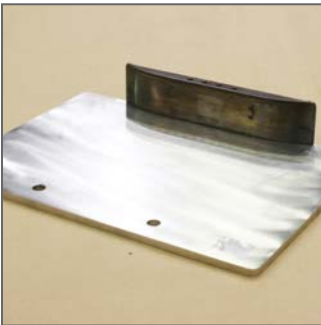
STAINLESS STEEL BAG OPENING LATHS (SKIS)

Previous Design



As one of the most commonly worn items on the machine the nylatron laths regularly needed replacing.

Updated Design



Our newly designed laths made of stainless steel and hardened by thermal treatment are the longest lasting laths available on the market. Consequently, both downtimes and maintenance needs are kept to a minimum.

Benefits

- Last up to 5 times longer than the nylatron laths
- Perform extremely well with highly abrasive products
- Bag opening profile has been improved for a more efficient product flow
- Comply with food market requirements
- Quick and easy installation requiring 15 minutes or less to complete, with no holes to drill



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Here are other retrofits and upgrades that could help you to reach even greater reliability, reduce plant downtime and perhaps help you raise overall productivity:

- 1.** Pneumatic fitting kit
- 2.** Welded settling device
- 3.** Replacement of old Festo Filter Regulator Lubrication Unit (FRL)
- 4.** Upgraded door switch
- 5.** Top sealer heat maintaining device (Reverse/Forward top sealer)
- 6.** Alternate film unwinder
- 7.** Locking system with clamp for internal modules
- 8.** Spare parts kit

For more information regarding our retrofits and upgrades, please contact us:

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WE CARE

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