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FFS SERIES

Horizontal form, fill and seal bagger





Horizontal Form, Fill and Seal Bagger

The **FFS Series Horizontal Form-Fill-Seal Bagger** is a fully automatic system which makes its own bags from rolls of polyethylene pre-printed center-folded film (U film). It is intended to package a wide range of loose fill materials in bags ranging from 4.5 to 100 quarts (5 to 110 liters). It can be integrated upstream to either a weighing or a

volumetric feeding system, and downstream to conveying and palletizing systems. Thanks to our Form-Fill-Seal bagging technologies, Premier Tech Chronos allows you to greatly reduce your packaging material costs while offering you great performance and unrivalled reliability.

Applications

FFS-200: Bark, compost, mulch, peat moss, soils, etc.

FFS-210: Wood pellets, pet food, plastic pellets, seeds, animal feed, etc.

FFS-220: Sand, gravel, concrete mix, coal, crushed stone, etc.



Features and benefits

- Proven technology providing constant production rates of up to 35 bags per minute
- The easiest FFS bagger to adjust and operate
- Many film roll support configurations are available to fit any layout you need
- 50 % reduction in changeover time thanks to free riding modules and adjustments
- Pneumatic closing mechanism on bag top drive belts providing many operating advantages such as greater safety, easy access to sealer components and over fill bag detection
- Ergonomic design providing good visibility and allowing easy adjustments and maintenance operations inside the guarding area
- All electrical components centralized in only one control panel
- Automatic overfilled and non-filled bag detection systems
- Control software page allowing the operator to optimize the production rate by quickly identifying the equipment slowing-down factor





Horizontal Form, Fill and Seal Bagger

Options

- Size-adjustable filling chute
- Automated bag size changeover
- Horizontal film-roll support with lifting system
- Product infeed line control by FFS
- Outfeed conveyor with powered up-down adjustment
- Top sealer conveyor powered up-down adjustment
- Anti-corrosion package, etc.

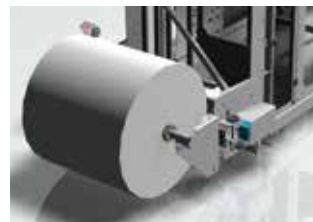
Film roll support options



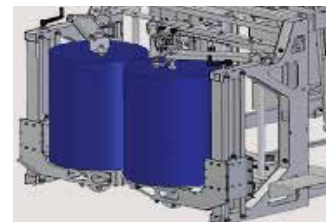
Standard - Vertical film roll support (24" max)



Optional - Horizontal film roll support with lifting system



Optional - Horizontal film roll support



Optional - Double vertical film roll support (2 x 24" max)

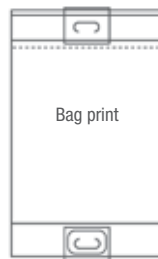
Widest range of bag options available

- Bag top trimmer
- Embossing or dry ink coder
- Bottom gusset former
- Zipper applicator for reclosable bags
- Bottom corner sealer
- Bag top and/or bottom patch handle, etc.

Top patch handle



Top patch handle & bottom patch handle



Bottom patch handle



Die cut handle







Horizontal Form, Fill and Seal Bagger

Production rate

Up to **35 BPM***

*Depending on product characteristics, method of feeding, bag size, film thickness, etc.

Technical data

Typical equipment dimensions:	Length: 290" (7366 mm) Width: 166" (3962 mm) Height: 97" (2464 mm)
Bag specifications**:	Material: Heat sealable polyethylene, center-folded (U film) Thickness: 2.25 to 6.5 mils (56 to 162 μ m) Face width: 10.5" to 27" (267 to 686 mm) Length: 14" to 44" (356 to 1118 mm) Bottom gusset: 3" to 6" (76 to 152 mm)
Film roll diameter:	Up to 48" (1,2 m)
Air consumption***:	33 scfm (934 NI/min)
Electrical requirements****:	460 V / 3 Ph / 60 Hz and 220 V / 1 Ph / 60 Hz
Operating pressure:	100 psi (7 bar)
Ambient temperature:	40°F to 95°F (5°C to 35°C)

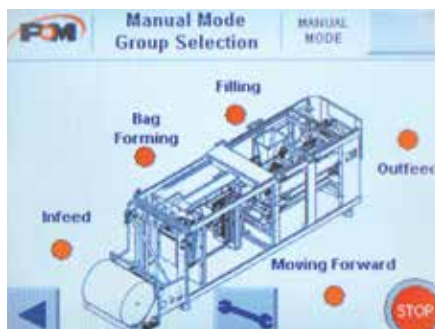
** Film thickness to be verified by Premier Tech team

*** Certain options may require a higher air consumption

**** Other voltages available



Customized wide opening using new rigid opening plates and low-angle chute for maximum flowing and performance



Panel-view color touch screen with 3D drawings for easy operation, maintenance, easy troubleshooting and error code reading



Heavy-duty hot air triple seal system designed for high speed and reliable bag closing

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