PI 412cw Prism™

Autobag®

A PRODUCT OF AUTOMATED PACKAGING SYSTEMS

Introducing the Autobag® PI 412cw Prism™—Two-sided, in-line printing extends flexibility for packaging productivity.

Capable of imprinting on two locations of the bag at speeds up to 12" per second, which equates to approximately 80 bags per minute in-line, this programmable thermal transfer printing system has been designed to meet all the newest industry-specific printing requirements. The PI 412cw Prism™ is simple to use, dependable and operationally flexible to give maximum uptime and packaging productivity. When used in conjunction with the Autobag® AB 180™ bagging system, product identification utilizing barcodes, text and graphics can be easily applied to individual packages in-line, on the bag front and back, and indexed for product loading and sealing in a simple Print-n-Pack™ operation. Label changes can be achieved in an instant by simply accessing pre-stored label designs or through database downloads with a PC connection.

Utilizing the very latest technology, the Autobag PI 412cw Prism is capable of printing virtually all barcodes available today, including 2D barcodes and UPS MaxiCode. The 8 megabytes of memory facilitate more label and font storage which gives easier access to more stored jobs allowing fast changeover and maximum system uptime.

User Benefits

- Quick to set-up, easy to operate, reliable and fast
- High resolution printing for clarity and high impact
- Removes need for separate labeling operation
- Available in 3 configurations: front & back, side-by-side or even stand-alone
- Increased print speeds up to 12" per second with the 203 dpi printhead and up to 8" per second on the 300 dpi printhead
- Large memory for label and font storage
- Autobag Print-n-Pack™ systems are designed to interface with AutoLabel™ software or existing customer software for maximum flexibility
- Supports over 40 barcodes including 2D barcodes and True-type fonts

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Standard Features

- Print speeds:
  —12" per second with 203 DPI printhead
  — 8" per second with 300 DPI printhead

- Universal connectivity with Serial and Parallel Port allowing flexibility in communicating with software and databases

- 8 megabytes of On Board Memory stores job data ready for recall at a later time

- Independent festoon control allows printer to work independent of bagger providing increased speeds and registration control, which ensures positioning for in-line printing accuracy of +/- 1/16"

- Target Registration Control allows precise print adjustments while imprinter is running

- Ribbon Saver feature advances printing ribbon only when printing is in process, significantly reducing waste

- Resident Barcodes: Code 39, UPC-A, UPC-E, Code 128-A, B, C, Interleaved 2 of 5, EAN-8 & 13, Codabar, UPC 2 & 5 digit addendums, HIBC, Code 93, Postnet, PDF 417, USD 8, Datamatrix, QR Code, Aztec, Plessy, Telepen, Micro PDF 417, UPS MaxiCode, FIM, TLC 39

Options

- AutoLabel™ software
- Stand Alone Label Design Kit
- Ethernet, Twinax/Coax Connections
- Printhead alignment tool
- Spare parts kits   • Bag rewinder

Expansion Slots
Designed for easy changeover of boards and provides the ability to expand connectivity via USB, Ethernet and AS-400 as well as expand fonts and languages.

Typical Applications

- Automotive & appliance parts
- Hardware & DIY
- Electrical & electronic
- Fasteners & connectors
- Plumbing & heating
- Hobby & craft
- Jewelry & novelty items
- Cosmetics & beauty aids
- Disposable health care

Mechanical Features

The PI 412cw's pivoting design makes accessing the printhead for cleaning and preventative maintenance a snap.

Festoon control, a PI 412cw exclusive, allows printer to run continuously—independent of the bagger—ensuring speed and print registration.

Flexible design allows for system reconfiguration to allow 2-color print on the same side of the bag.

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Technical Specifications

Weight:	252 lbs (114 kg) with winder	Air Feed:	45 PSI (3.1 bar) clean, dry air
	206 lbs (93 kg) single head w/winder	Bag Sizes:	W 2 to 16 in. L 2.5 to 22 in.
Electrical:	115/230 VAC; (50/60 Hz)	Label Size:	Up to 4 in. wide; up to 20 in. long

Dimensions:

◄28 in. (71 cm)►	◄ 36 in. (91 cm) ►	59 in. (150 cm)	◄ 42 in. (107 cm) ►
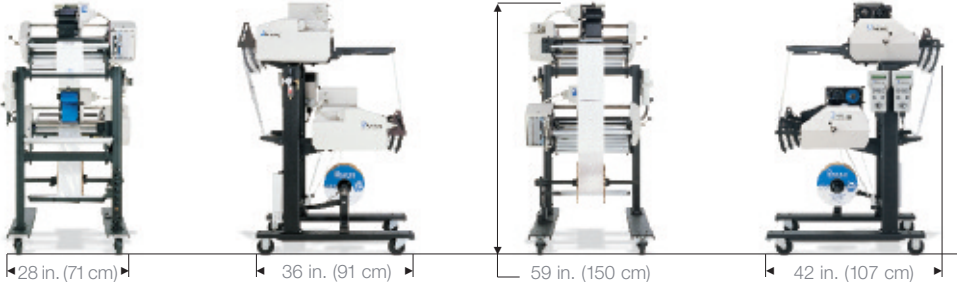
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