

**Introducing the Autobag PI 412c  
 Superb resolution in-line printing  
 for optimum packaging productivity.**

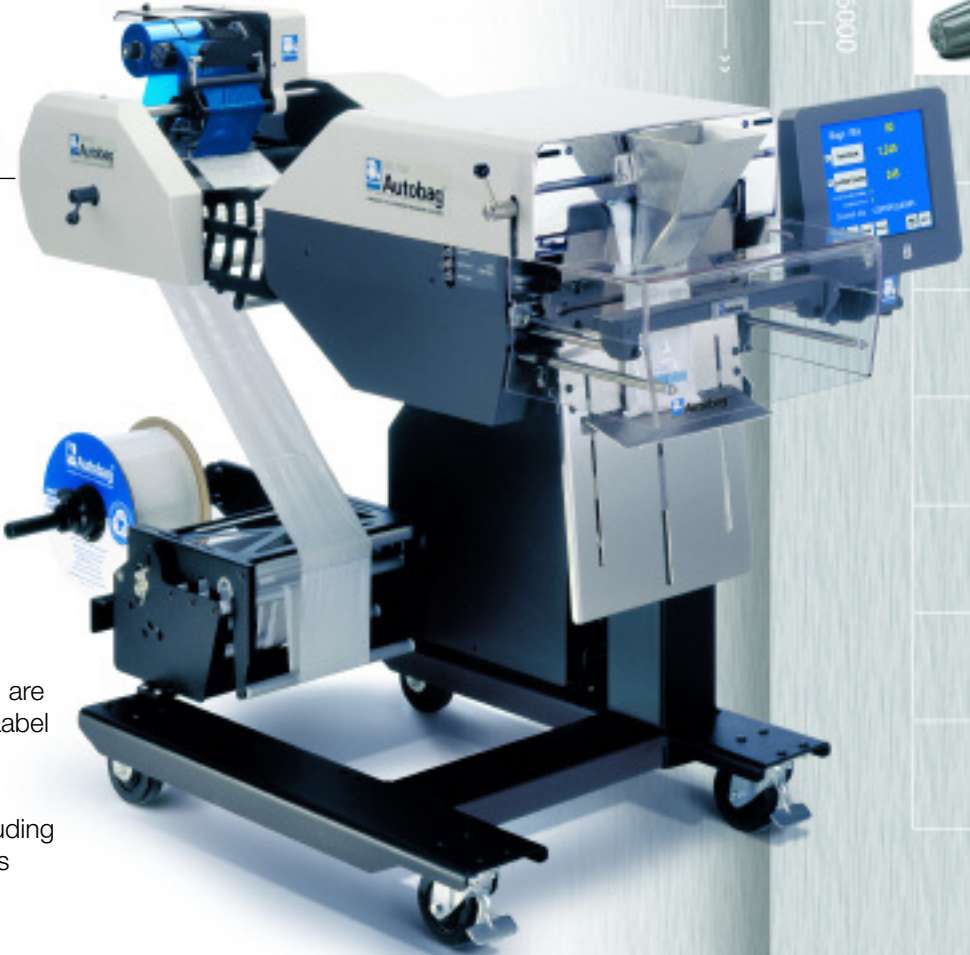
Capable of imprinting at speeds up to 300mm per second, which equates to approximately 80 bags per minute in-line, this programmable thermal-transfer printing system has been designed to meet all the latest industry-specific printing requirements. The PI 412c is simple to use, dependable and operationally flexible to give maximum uptime and packaging productivity. When used in conjunction with the Autobag AB 180 bagging system, product identification utilising barcodes, text and graphics can be easily applied to individual packages in-line 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.

Utilising the latest technology, the Autobag PI 412c is capable of printing virtually all barcodes available today, including 2D barcodes and UPS MaxiCode.



*User Benefits*

- Quick to set-up, easy to operate, reliable and fast
- High resolution printing for clarity and high impact
- Removes need for separate labelling operation
- Increased print speeds up to 300mm per second with the 203 dpi printhead and up to 200mm per second on the 300 dpi printhead
- 8 megabytes of 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



BPM

20

30

40

50

60

70

80

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#### 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.

### Standard Features

- Print speeds:
  - 300mm per second with 203 DPI printhead
  - 200mm 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
- Tensioning and buffer (festoon) control allows printer to work independently of the bagger providing increased speeds and registration control, which ensures vertical positioning of in-line printing is accurate to +/- 1.6mm
- 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

### Technical Specifications (with AB 180)

**Weight:** 142 kg with AB 180

18.6 kg alone

**Electrical:** 110/230 VAC (50/60 Hz)

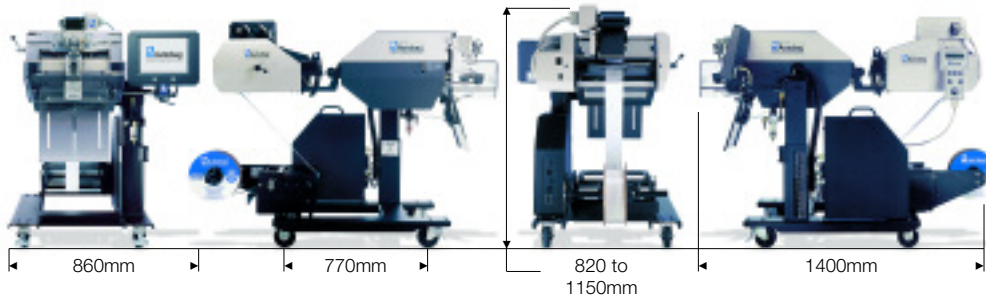
**Approvals:** 

**Dimensions:**

**Air Feed:** 5 CFM/80 psi of clean, dry air

**Bag Sizes:** W 50 to 275mm L 63 to 550mm

**Label Size:** Up to 100mm wide; up to 500mm long



### Typical Applications

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



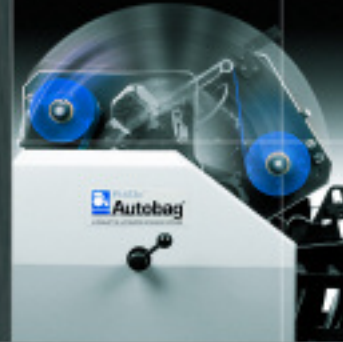
### In-Line Integrated Packaging

is achieved by combining the PI 412c and AB 180 bagger with ancillary equipment. Autobag manufactures a complete line of in-feed and imprinting equipment.



### Mechanical Features

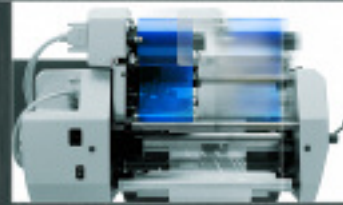
The PI 412c's pivoting design makes accessing the printhead for cleaning and preventative maintenance a simple procedure.



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



Easy by design, simply unlock the printer and slide the module left or right to precisely position the print placement on the bag.



Automated Packaging Systems Ltd.  
Enigma Business Park  
Sandy's Road, Malvern  
Worcestershire WR14 1JJ  
Tel: +44 (0) 1684 891 400  
Fax: +44 (0) 1684 891 401  
E-mail: [contact@autobag.co.uk](mailto:contact@autobag.co.uk)

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