TOSHIBA

APLEX4

Print & apply system

Product brochure

- The APLEX4 label applicator is an optional add-on for the B-EX4 series industrial printers. When combined they provide a robust all-in-one automated printing solution.
- This off-the-shelf solution provides a cost-effective automatic print and apply system for a wide range of applications in a variety of sectors.
- Very easy to install and use the self-contained solution provides an easy step from manual to automatic labelling.

TOGETHER INFORMATION

The ever-changing workplace

Delivering reliability to meet future challenges

Every business is unique. That's why Toshiba offers the most reliable print solutions that meet all your labelling requirements, day after day. Toshiba barcode printers provide connectivity and solutions to adapt to the needs of an ever-changing workplace.

Toshiba's barcode printers continue to deliver on our promise of Together Information – our commitment to collaborate with clients to provide tailored, cost-effective solutions that meet your evolving workplace needs.

Just add air

For an easy installation and configuration, APLEX4 comes standard with everything needed to create an automatic labelling system. Included in the package are label plate, air filter regulator, photo sensors, etc. Rather than spending days or weeks for the setup of a new inline module, this print and apply solution is ready to use in just a few hours. If you know how to add a label cutter to a label printer, you can install a APLEX4 system without any problems.

High performance industrial printing

Effective low-cost solution

Combining the APLEX4 with Toshiba's B-EX4 series creates an off-the-shelf solution which requires no modifications or re-designing of existing production lines. Easy to maintain this ready-to-go solution enables in-line operation and increases the efficiency of your production workflows.

Application flexibility

- The Applicator can be set to apply labels from the top, bottom or sides and at any rotation angle required.
- Flexible label sizes from 25 x 25 mm to 116 x 200 mm.
- Easy adjustment of contact pressure levels for use with delicate products or non-contact blow-on application.

Labelling in motion

- 1" Piston shaft with adjustable up/down speed.
- Auto-sensing (labelling at different heights).
- Ability to work using direct tamp and tamp blow for stationary or moving carton / products (up to 20 m/min).

Security

- Pressure sensor to prevent accidents.
- Perimeter signal (instantaneous stop): prevents piston movement in case of access to the enclosed work area.
- Pressure regulator limited to 6 bars.
- Sensor "presence of hand"[1].
- The piston remains in the up position even if the air is closed.

Highlights

- Very easy to assemble & install.
- As easy to use as your existing desktop printers.
- High performance, with production levels up to 30 labels per minute.
- Continuous working time can be extended by using 800 m long distance ribbons.
- Even more autonomy when using Toshiba's ribbon save technology[1].
- Already purchased B-EX4 series printers can be updated with APLEX4 to create an automated labelling solution.

Applications

The APLEX4 is designed to support all types of industrial environments, adapting easily to existing production lines.

- Automating the labelling process
- Ideal for pallet labels and shipping labels
- Flexible size of boxes, cartons or products on the same line
- Product labelling, processing / food distribution
- Distribution centres receiving / shipping, cross docking
- Courier, transport and logistics

Specifications

APLEX4

Application method	Direct tamp, tamp blow (stationary or moving carton)
Label application	Up to 30 labels/min. 25 x 25 mm - 116 x 200 mm (additional applications upon request)
Piston stroke applicator	max. 400 (usable 250 mm) Auto height detection - Package flexibility (variable height carton/product)
Working modes	Print & apply Print & wait up/down & apply
Air pressure	4 - 6 bars / tube-Ø 8 mm, includes internal air filter
In/out signal	Print / apply / inhibition / test button Ready / Error (status light)[1] / working
Secondary signals	Perimeter / presence of hand
Fixing system	Tube-Ø 50 mm
Dimensions (W x D x H)	365 x 585 x 705 mm

Printers[*2]

Print method	B-EX4T1: Direct thermal / Thermal transfer B-EX4T2: Direct thermal / Thermal transfer B-EX4T3: Direct thermal / Thermal transfer B-EX4D2: Direct thermal
Max. print width	104 mm
Max print speed	B-EX4T1: 355 mm/sec (14 ips) B-EX4T2: 304 mm/sec (12 ips) B-EX4T3: 152 mm/sec (6 ips) B-EX4D2: 304 mm/sec (12 ips)
Resolution	B-EX4T1: 203 / 305 dpi B-EX4T2: 203 / 305 / 600 dpi B-EX4T3: 600 dpi B-EX4D2: 203 dpi
Barcodes	UPC/EAN/JAN, Code 39, Code 93, Code 128, NW7, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, POSTNET, RM4SCC, KIX Code, Customer Barcode, GS1 DataBar
2D codes	Data Matrix, PDF 417, MaxiCode, QR Code, Micro PDF 417, CP Code
Fonts	Bitmap font, outline font, price font, optional TTF, writeable characters

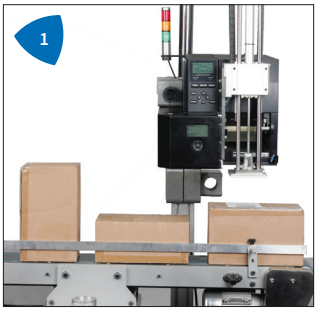
Media

Alignment	B-EX4T1: Centre B-EX4T2: Left B-EX4T3: Centre B-EX4D2: Left
Backing paper width	B-EX4T1: 120 mm B-EX4T2: 114 mm B-EX4T3: 114 mm B-EX4D2: 114 mm
Media core diameter	External rewinder 200 mm with inner core dimension of 76 mm
Standard ribbon length	B-EX4T1: 600/800 m B-EX4T2: 450/600/800 m B-EX4T3: 300 mm

Options

For APLEX4	Light status indicator, hand presence sensor, support column
For all printers	Required for APLEX4: Peel & present & internal rewinder
For B-EX4T1 only	Ribbon save, RFID kit

[1] Optional
[1] For a full deatailed printer specification see Toshiba label printer brochures.



1 Labelling in motion, different sized products up to 30 labels per minute.

2 Compact, secure and easy to access for the operator.

3 Versatile, applying labels from the top, bottom or sides in any rotation.

About Toshiba Tec

Toshiba Tec Corporation is a leading provider of information technology, operating across multiple industries – ranging from retail, education and business services to hospitality and manufacturing. With headquarters in Japan and over 80 subsidiaries worldwide, Toshiba Tec Corporation helps organisations transform the way they create, record, share, manage and display information.

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Together Information is Toshiba's vision for how people and organisations create, record, share, manage and display ideas and data.

It is based on our belief that the most successful organisations are those that communicate information in the most efficient way.

We make that possible through an integrated portfolio of industry-specific solutions, all of which reflect Toshiba's commitment to the future of the planet.

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Creating with You