TOSHIBA

APLEX4

Product brochure

› The APLEX4 label applicator in combination with the Toshiba B-EX series industrial printers enables full automation of labelling processes and provides a robust, reliable printing and above all cost effective label printing solution for customers across all sectors.

› The APLEX4 and B-EX4 series solution is a complete self-contained label application system that is easy to use and integrate but provides the best TCO in the market.

TOGETHER INFORMATION

HIGH PERFORMANCE INDUSTRIAL PRINTING

Effective Low-Cost Solution

The APLEX4[1] in combination with Toshiba's B-EX4 series creates an off-the-shelf solution which requires no modifications or re-designing to be implemented. Easy to maintain this ready-to-go solution enables in-line operation and increases the efficiency of your production workflows.

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.

Optional Accessories

> Light status indicator
> Sensor "presence of hand" to prevent accidents
> Support column

Ready To Go

> Plug & Play - Easy installation and configuration.
> The applicator comes standard with everything needed to operate, tamp pad, air filter regulator, photocell, test button, to simplify the installation setting.
> High performance, with production levels up to 30 labels per minute.
> Maximum operating time with ribbon of up to 800 m (even longer if ribbon save is available).
> Graphic LCD with backlight for easy access to user information and settings.

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.

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).

The APLEX4 is a module for the Toshiba B-EX4 series of industrial printers. It enables in-line operation with thermal transfer and direct thermal media.

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

[1] Exclusively designed and produced for Toshiba Tec by Media Gest Software Logistic S.L.

SPECIFICATIONS

APLEX4

Application Method	Direct tamp / Tamp blow (stationary or moving carton)
Label Application	Up to 30 labels/min. Min.: 25x25 mm – Max.: 116x200 mm (Ask for alternative applications)
Piston Stroke Applicator	Max. 400 mm - 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 Ø8 mm, includes internal air filter
In/Out Signal	Print / Apply / Inhibition / Test button Ready / Error – status light[1]/Working
Security Signals	Perimeter / Presence of hand[1]
Std. Fixing System	Tube Ø50 mm diameter
Dimensions (W x D x H)	364 x 585 x 705 mm

Printer

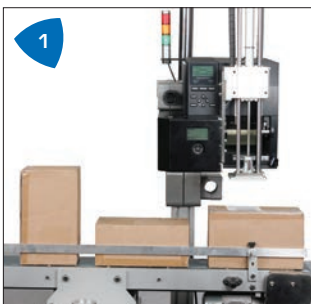|	
Method	B-EX4T1: Direct thermal / Thermal transfer B-EX4T2: Direct thermal / Thermal transfer B-EX4T3: Direct thermal/Thermal transfer B-EX4D2: Direct thermal
Print Width	104 mm
Max. Print Speed	B-EX4T1: 355 mm/sec (14 ips) B-EX4T2: 304 mm/sec (12 ips) B-EX4T3: 152 mm/sec (6 ips) B-EX4D2: 304 mm/sec (12 ips)
Resolution	B-EX4T1: 203 / 305 dpi B-EX4T2: 203 / 305 / 600 dpi B-EX4T3: 600 dpi B-EX4D2: 203 dpi
Font	Bitmap and outline
Barcode	Includes GS1 DataBar (RSS) compatibles
Required option	Peel-off & internal rewinder

Media

Paper Width	B-EX4T1: 120mm B-EX4T2: 114mm B-EX4T3: 114 mm B-EX4D2: 114mm
Paper Alignment	B-EX4T1: Centre B-EX4T2: Left B-EX4T3: Centre B-EX4D2: Left
Paper Roll Diameter	External rewinder 200 mm with inner core dimesion of 76 mm
Std. 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-off & internal rewinder
For B-EX4T1 only	Ribbon save, RFID kit

[1] Optional

1 Labeling 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 UK Imaging Systems is part of the globally operating Toshiba Tec Corporation, active in various high-tech industrial sectors.

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.