

# APLEX4

## Product brochure

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- > 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.



# HIGH PERFORMANCE INDUSTRIAL PRINTING

## Effective Low-Cost Solution

The APLEX4 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"<sup>1)</sup>.
- > 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



# SPECIFICATIONS

## ALPLEX4

<b>Application Method</b>	Direct tamp / Tamp blow (stationary or moving carton)
<b>Label Application</b>	Up to 30 labels/min. Min.: 25x25 mm – Max.: 116x200 mm (Ask for alternative applications)
<b>Piston Stroke Applicator</b>	Max. 400 mm - usable 250 mm Auto height detection - Package flexibility (variable height carton / product)
<b>Working Modes</b>	Print+Apply / Print+Wait up/down +Apply
<b>Air pressure</b>	4-6 bars / tube Ø8 mm, includes internal air filter
<b>In/Out Signal</b>	Print / Apply / Inhibition / Test button Ready / Error – status light <sup>1)</sup> /Working
<b>Security Signals</b>	Perimeter / Presence of hand <sup>1)</sup>
<b>Std. Fixing System</b>	Tube Ø50 mm diameter
<b>Dimensions (W x D x H)</b>	364 x 585 x 705 mm

## Printer

<b>Method</b>	B-EX4T1: Direct thermal / Thermal transfer B-EX4T2: Direct thermal / Thermal transfer B-EX4T3: Direct thermal/Thermal transfer B-EX4D2: Direct thermal
<b>Print Width</b>	104 mm
<b>Max. Print Speed</b>	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)
<b>Resolution</b>	B-EX4T1: 203 / 305 dpi B-EX4T2: 203 / 305 / 600 dpi B-EX4T3: 600 dpi B-EX4D2: 203 dpi
<b>Font</b>	Bitmap and outline
<b>Barcode</b>	Includes GS1 DataBar (RSS) compatibles
<b>Required option</b>	Peel-off & internal rewinder

## Media

<b>Paper Width</b>	B-EX4T1: 120mm B-EX4T2: 114mm B-EX4T3: 114 mm B-EX4D2: 114mm
<b>Paper Alignment</b>	B-EX4T1: Centre B-EX4T2: Left B-EX4T3: Centre B-EX4D2: Left
<b>Paper Roll Diameter</b>	External rewinder 200 mm with inner core dimension of 76 mm
<b>Std. Ribbon Length</b>	B-EX4T1: 600/800 m B-EX4T2: 450/600/800 m B-EX4T3: 300 mm

## Options

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

<sup>1)</sup>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

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**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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