

APLEX4

PRINT&APPLY

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.



APPLICATIONS

APLEX4 Versatile Label Printing & Application

The Toshiba APLEX4 is designed to support all types of industrial environments, adapting easily to existing production lines. The module for the Toshiba EX Series industrial printers enables in-line operation with thermal transfer and direct thermal media.

Available in resolutions of 200, 300 & 600 dpi, with ribbon lengths of up to 800 m and automatic ribbon save.*

- > Automating the labeling process
- > Pallet labels, shipping labels
- > Flexible sizes of boxes, cartons or products on the same line
- > Product labeling, processing / food distribution
- > Distribution centers receiving / shipping, cross docking
- > Courier, transport, logistics

*Ribbon Save available on the T1 models only



HIGH PERFORMANCE INDUSTRIAL PRINTING

Operating Cost Reduction

Toshiba technology enables real world and dramatic reductions in operating costs. The APLEX4 module works in conjunction with the B-EX4 printers series, with options like the automatic ribbon saving and improved technologies that reduces by almost 70% the energy consumption in standby mode when compared to its predecessor. The dual motor ribbon drive removes wrinkles in the ribbon and so reduces paper and ribbon waste. These special features reduce the total operating costs while helping to preserve the environment.

Emulation Technology

Toshiba's Z-mode and BCI technology enable Toshiba printers to seamlessly integrate to existing legacy systems or work with non-printer data flow without the need to modify your current host system. No need to change your software, just install the printer and start working. Get rid of the restrictions of proprietary systems, protect future investments and reduce your total cost of ownership.

Easy Maintenance

The piston is self-calibration and maintenance free with sealed guides. Inlet and outlet air regulation with particle micro filters.

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" (option).
- 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
- Autonomous keyboard with touchscreen
- Support column



B-EX4 a superior range of industrial printers at midrange price for a wide variety of applications

SPECIFICATIONS

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.

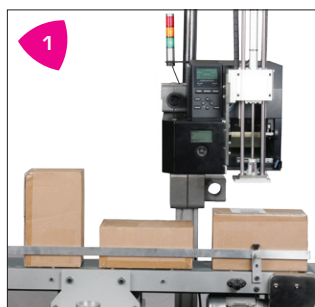
Easy adjustment of contact pressure levels for use with delicate products.

Labelling in Motion

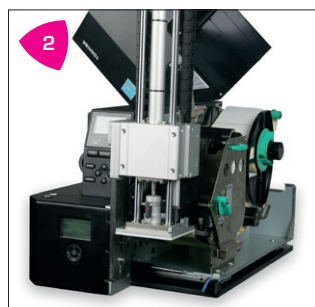
1" Piston shaft with adjustable up/down speed.

Auto-sensing (labeling at different heights).

Ability to work using direct tamp and tamp blow for stationary or moving carton / products (up to 20 m/min).



1 Labeling in motion, different sizes up to 30 labels per minute.



2 Compact, secure and easy to access for the end-user.



3 Versatile, applying labels top, bottom or sides at any rotation.

General

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 special applications)
Piston Stroke Applicator	Max. 400 mm - useful 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 Signals	Print / Apply / Inhibition / Test button Ready / Error – status light (option) / Working
Security Signals	Perimeter / Presence of hand (option)
Interface	USB 2.0, Ethernet
Optional Interface	Parallel, serial, wireless LAN, RTC & USB host
Network Tool	SNMP
Std. Fixing System	Tube Ø50 mm diameter
Dimensions	705 (H) x 364 (W) x 585 (D) mm

Print

Method	B-EX4T1	Direct thermal / Thermal transfer
	B-EX4T2	Direct thermal / Thermal transfer
	B-EX4D2	Direct thermal
Print Width	104 mm	
Max. Print Speed	B-EX4T1	14 pps (355 mm/sec)
	B-EX4T2	12 pps (304 mm/sec)
	B-EX4D2	12 pps (304 mm/sec)
Resolution	B-EX4T1	203 / 305 dpi
	B-EX4T2	203 / 305 / 600 ppp
	B-EX4D2	203 dpi
Font	Bitmap and outline	
Barcode	Includes GS1 DataBar (RSS) compatibles	

Media

Paper Width	B-EX4T1	120mm
	B-EX4T2	114mm
	B-EX4D2	114mm
Paper Alignment	B-EX4T1	Centre
	B-EX4T2	Left
	B-EX4D2	Left
Paper Roll Diameter	External rewriter 200 mm with inner core dimension 76 mm	
Std. Ribbon Length	B-EX4T1	600/800 m
	B-EX4T2	450/600/800 m

Options

APLEX4 Print&Apply	Light status indicator, hand presence sensor, standalone touchscreen keyboard, support column	
EX4 Printer Series	B-EX4T1	Ribbon save, cutter, peel off & rewinder, RFID kit
	B-EX4T2	Cutter, peel-off & internal rewinder
	B-EX4D2	Cutter, peel-off & internal rewinder



RFID READY

> A One-Stop Solution

Toshiba offers a total solution including a full range of approved media, labels, ribbons and cleaning products. A European support network in the majority of European countries provides essential peace of mind that - once installed - the printers will be serviced and maintained by experienced engineers and service staff.

> Together Information

Toshiba is breaking down barriers by transforming the way we manage, display and share information. Drawing on an integrated portfolio of world-class printing and scanning technology, we create tailored, eco-friendly solutions that enable organisations to maximise the value of the data and ideas that underpin them.

At Toshiba, we believe the most successful businesses are those that communicate information in the most effective way. We call this Together Information.

Find out what Together Information could mean for you at http://www.toshibatec-ris.com/ris_tecfiles/ads/logistics/index.html

> Customer Benefits

- Automatic labeling solution for wide range of products.
- Flexible and modular ready to respond to any need for online labeling.
- Easy integration into production lines.
- High quality printing ensuring compliance with the requirements of the supply chain and distribution industries.
- Ease to use and maintain.
- Emulation functionalities.

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