

> APLEX4 PRINT&APPLY



High Quality Precision Printing and Labelling

> APLEX4 PRINT&APPLY

Automatic printing and apply label air-blow system easily suitable to any production line

> ONE-STOP SOLUTION

(including media and service and support)

Toshiba can offer a total solution including a full range of media, ribbon, labels consumables and cleaning products.

A European services network available in most European countries provides essential peace of mind that once installed, the system will be serviced and maintained by experienced engineers and service staff.



> GREEN CREDENTIALS

Toshiba is committed to the design and production of products that reduce environmental impact, creating environmental quality standards for each product and prescribing them with the highest levels required by the industry.



Todos los productos Toshiba cumplen la normativa RoHS.
<http://www.toshibatec.co.jp/csr/report>

> APLEX4 BENEFITS

- Automatic labeling solution for wide range of products.
- Flexible Flexible and modular ready to respond to any need for online labeling.
- Easy integration into production line.
- Impresión High quality printing to ensure compliance with the requirements of the supply chain and distribution industries.
- Ease to use and maintenance.
- Emulation functionalities.
- Fast return on investment (ROI), low total cost of ownership (TCO).
- Long life printhead, lower printing cost per Km.

APLEX4 PRINT&APPLY

CHARACTERISTICS

Application Metoth	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 Autodimensionable - 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

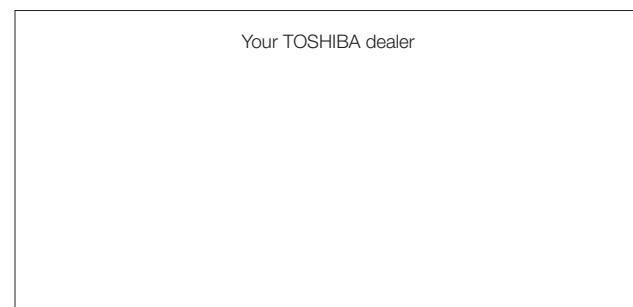
PRINTER MODEL	B-EX4T1	B-EX4T2	B-EX4D2
Method	Direct thermal / Thermal transfer	Direct thermal	Direct thermal
Print Width	104 mm		
Max. Print Speed	14 pps (355 mm/sec)	12 pps (304 mm/sec)	12 pps (304 mm/sec)
Resolution	203 / 305 ppp	203 / 305 / 600 ppp	203 ppp
Font	Bitmap and outline		
Barcode	Includes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

MEDIA

Paper Width	120 mm	114 mm	114 mm
Paper Alignment	Centre	Left	Left
Paper Roll Diameter	External rewinder 200 mm with inner core dimesion 76 mm		
Std. Ribbon Length	600 / 800 m	450 / 600 / 800 m	

OPTIONS

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



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The APLEX4 label applicator allow to automate labeling processes and provide an effective, reliable and robust printing solution to suit the label printing needs of multisectoral customers.

The combination of industrial printers Toshiba EX series with high-precision technology and maximum security of the new applicator module, make the APLEX4 in an easy to use solution with the best TCO in the market.



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TOSHIBA

Leading Innovation >>>

Why Choose Toshiba Solutions

Reliability

- ▶ With over 25 years experience in the Auto-ID market, Toshiba is one of the only manufacturers that still manufactures its own products. Toshiba creates, designs, tests, manufactures, installs, and maintains the complete range, guaranteeing consistency and long-term reliability.

Durability

- ▶ All Toshiba products have been designed to operate in the most extreme environments. From portable products with robust and rugged outer casing, through to the industrial range with field-proven heavy duty steel cabinets and robust inner mechanisms. Toshiba's user protected design improves safety, restricting access to the printers moving parts.

Connectivity

- ▶ For easy connectivity, Toshiba printers have a range of interfaces for fast integration into any system. LAN is standard on most of the Toshiba range.

Compatibility

- ▶ Toshiba's BCI and emulation capabilities allow the printers to simply slot into working legacy systems without software or driver changes, ideal for replacement of existing products or adding to a current estate.

Low Cost of Ownership

- ▶ Toshiba products are designed and produced to such a high quality that they can last a lifetime. Technology and tools, such as the ribbon save function, enable the user to use less ribbons and to replace the thermal print head less often. This means not only a reduction of impact on the environment, but also a lower Total Cost of Ownership.

▶ 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 Toshiba industrial printers EX Series allow you to work on thermal transfer and direct thermal to 200/300/600 dpi with a ribbon autonomy up to 800m.

▶ READY TO WORK

Plug & Play - Easy installation and configuration.
Comes standard with everything you need to run, tamp pad, air filter regulator, photocell, test button, to simplify the installation setting.

High performance, production level up to 30 labels per minute (eg size 100 x 100mm label).
Maximum range with ribbon of up to 800m.
Graphic LCD with backlight for simple access to user information.

▶ APPLICATION FLEXIBILITY

Applying to 90°, 180°, 270°, and any position between 0° - 360° in both left-right axis as in the up-down axis, without any adjustment of alignment.

Flexibility in the label size from 25 x 25mm to 116 x 200mm.

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

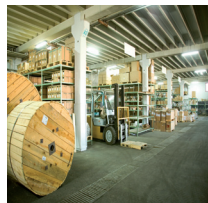
▶ LABELLING IN MOTION

Piston shaft 1" with running speed up/down adjustable.

Autodimensionable (labeling at different heights). Ability to work direct tamp and tamp blow for stationary or moving carton or products (up to 20m/min.).

▶ APPLICATIONS

- ▶ Automating the labeling process
- ▶ Pallet labels, shipping labels
- ▶ Boxes / flexibe size carton / products on the same line
- ▶ Product labeling, processing / food distribution
- ▶ Distribution centers receiving / shipping, cross docking
- ▶ Courier, transport, logistics



Labeling moving at different sizes up to 30 labels per minute



Compact, secure and easy to acces for the end-user

▶ HIGH PERFORMANCE INDUSTRIAL PRINTING

▶ OPERATING COST REDUCTION

Toshiba technology allows a drastic reduction the operating costs. The APLEX4 module equipped with the B-EX4 printers series, incorporates the green technology, worldwide recognized, which allows automatic ribbon saving (option), also permits almost 70% less energy consumption in standby mode compared to its predecessor. The removing wrinkles system in the ribbon also reduces paper and ribbon waste . These special features reduce operating costs while helping to preserve the environment.

▶ EMULATION TECHNOLOGY

Emulation technology permits Toshiba printers work with data flow enabling improved their labels, without modifying your current system. No need to change your software, just install the printer and start working. Get rid of the restrictions of its own system, protect future investments and reduce total cost of ownership TCO.

▶ SECURITY

Pressure sensor to prevent accidents.
Perimeter signal (instantaneous stop): prevents the piston movement in case of access the enclosed area of work.
Pressure regulator limited to 6 bars.
Sensor "presence of hand" (option).
The piston stays up even if the air is closed, to avoid bumps and obstructions on the line.

▶ EASY MAINTENANCE

Piston self-calibration and maintenance free with sealed guides.
Inlet and outlet air regulation with particles microfilter.

▶ OPTIONAL ACCESORIES

- Light status indicator
- Sensor "presence of hand" to prevent accidents
- Autonomous keyboard with touchscreen
- Support column



Applicator versatile, working at 90 °, 180 °, 270 °, and any position between 0 ° - 360 ° both left-right axis as in the up-down axis, without alignment adjustments



Its easy installation makes it a plug&play accessory for the B-EX4 printers series



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

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RFID READY