Toshiba's Industrial Label Printer Range

Toshiba offer a variety of Industrial Label Printers that range from 4" to 8", designed to fit all Industrial Label applications.

Industrial Label Printers

4" > B-EX4T1

> B-EX6T1 B-EX6T3

6"

> B-SX8T

8"

> BEX4D2 BEX4T2

> B-852





B-EX4T1 4" Industrial Printer

Product brochure

- A premium range of industrial printers with a mid-range price tag for a wide variety of applications.
- We have combined 60 years of Label Printer knowledge, our extensive R&D and the voice-of-customer feedback with the exceptional qualities of our marketleading printer range.
- Enjoy the enhanced performance, serviceability and green credentials of this extraordinary thermal printer series.



Fast and Flexible

With a speed of up to 14 ips the B-EX4T1 boasts a 44% productivity improvement over the B-SX4/5 range. In addition, advanced processing capabilities facilitate high throughput.

Usability

Easy operations, including a user-replacable snap-in printhead and platen roller, minimise maintenance costs

The unique and intuitive-to use graphical display improves operability and lets even the novice user create impeccable labels.



General

Print Method Direct thermal/Thermal transfer

Printhead Near edge

Dimensions (W x D x H) 278 x 460 x 310 mm

Weight 17 kg

Memory16 MB (FROM), 32 MB (SRAM)User interfaceGraphic LCD, 2 x LED, 10 x key

Operating Temperature /

Humidity

5°C to 40°C / 25-85% non-condensing

relative humidity (RH)

Storage Temperature /

-40°C to 60°C / 10-90% non-condensing

Humidity relative humidity (RH)

Power supply AC 100 to 240V, 50/60 Hz

Print

Resolution GS/TS: 203/305 dpi (8/12 dots/mm)

Sensor Reflective, Transmissible

Maximum Print Speed 335 mm/second (14 ips)

Maximum Print Width 104 mm

Print Length Batch: 8-1,498 mm

Cut: 23.4-1,494 mm Peel-off: 23.4-254 mm

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,

Writable character

Media

Alignment Centred
Backing Paper Width 30-120 mm
Label Thickness 0.13-0.17 mm
Inner Media Core Diameter 76.2 mm
Outer media Roll Diameter 200 mm

Media Type Vellum labels and paper, Matt coated paper,

Glossy coated paper, Sythetic film, PET film,

Polyimide

Media Format Roll, Fanfold

Software & Connectivity

Emulation ZPL II

Printer Driver Windows 10/8/7/Vista (32/64 bit),

Windows Server 2012/Server 2008 (32/64 bit)

Parallel, Serial, USB 2.0, LAN 10/100 Base, RS232¹), Centronics¹), Wireless LAN¹)

Language ModeTPCL, BCI (function)Label SoftwareBarTender UltraLite

Ribbon

Interface

Ribbon Width 41-112 mm

Ribbon Core Size 25.4 mm (1 inch)

Max. Ribbon Length800 mMax. Ribbon Diameter90 mm

Options

Cutter, Rotary cutter, Peel-off & internal rewinder, RFID kit, Ribbon save module, RTC USB host

1) Optional



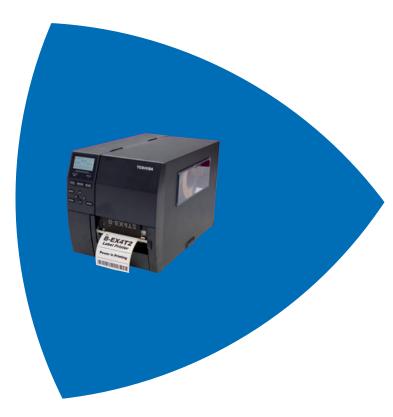
B-EX4D2 B-EX4T2

4" Industrial Printer

- The B-EX4D2 and B-EX4T2 printing solutions feature high quality and economical industrial products which deliver low running costs and total cost of ownership.
- Available in a variety of resolutions for the most diverse industrial printing applications they easily integrate into existing workflows.
- > Free your business from the constrains legacy systems simply plug and print.







APPLICATIONS

Industrial printing can be very demanding and you need systems you can rely on to keep your business workflows running smoothly. With Toshiba's B-EX4D2 and B-EX4T2 series you have high-performance models available which increase your efficiency while at the same time ensuring economical benefits.

Key highlights

- > Low cost industrial printing
- Flat head for compatibility with legacy estates
- > Cost-effective, for legacy system replacement
- High-specification, high-throughput, highperformance and extremely durable
- Media compatibility
- > Extra-long ribbon (600 m) for increased productivity
- USB and Ethernet as standard; serial, parallel, USB host and WLAN are optional
- Emulation for quick & easy replacement of competitor's products

HIGH PERFORMANCE AT LOW COSTS

With speeds of up to 12 ips, the 4 inch B-EX4D2 and B-EX4T2 range were made for demanding industrial printing. Advanced processing power ensures not only fast output, but also efficient throughput.

Compatibility

Both series were designed to seamlessly replace existing products, using Z-Mode emulation to integrate into legacy software systems. Flat-head technology, left justified media and the use of inside and outside wound ribbons allows for replacement of ageing and costly to operate printing estates (with easy transition from old label and ribbon stock).

Ribbon & Media

Left-hand aligned media, with the option for inside or outside wound ribbon, ensures compatibility and competitiveness within the media marketplace. An 600 m ribbon is also available, for fewer media changes and further lowering the total cost of ownership.

Easy Maintenance

With innovative technology like double-ribbon motor control, snap-in printheads and field upgradeable options, the B-EX4D2 and B-EX4T2 series continue to lower maintenance costs.

Specialist printing

All models are available in either 203, 300 or 600¹⁾ dpi variants, allowing for specialist high-resolution printing with superior print quality.

1) B-EX4T2 only

General

Print Method B-EX4D2: Direct thermal

B-EX4T2: Direct thermal/Thermal transfer

Printhead Flat head

Dimensions (W x D x H) 278 x 460 x 310 mm

Weight 17 kg

 Memory
 16 MB (FROM), 32 MB (SRAM)

 User interface
 Graphic LCD, 2 x LED, 10 x key

Operating Temperature /

-40°C to 60°C / 10-90% non-condensing

Humidity relative humidity (RH)

Storage Temperature /

5°C to 40°C / 25-85% non-condensing

relative humidity (RH)

Power supply AC 100 to 240V, 50/60 Hz AC adapter

Print

Humidity

Resolution GS/TS/HS: 203/300 dpi (8/11.8 dots/mm)

HS1): 600 dpi (23.6 dots/mm)

Sensor Reflective, Transmissible

Maximum Print Speed GS & TS: 305 mm/second (12 ips)

HS1): 152 mm/second (6 ips)

Maximum Print Width 104 mm

Print Length B-EX4D2 B-EX4T2

Batch: 8-1,498 mm
Cut: 19-1,494 mm
Peel-off: 13-254 mm

Batch: 8-1,498 mm
Cut: 23.4-1,494 mm
Peel-off: 23.4-254 mm

Barcodes UPC/EAN/JAN, Code 39, Code 93, Code 128,

EAN 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, Writeable

character, Optional True Type

Media

Alignment Left

Backing Paper Width 25-114 mm

Media Thickness Label: 0.13-0.17 mm

Tag: 0.08-0.17 mm

Inner Media Core Diameter 76.2 mm

Outer media Roll Diameter 200 mm

Media Type Vellum paper and labels, Matt coated paper,

Glossy coated paper, Synthetic film, PET film,

Polyimide

Media Format Roll, Fanfold

Software & Connectivity

Emulation ZPL II, DPL

Printer Driver Windows 10/8/7/Vista (32/64 bit),

Windows Server 2012/Server 2008 (32/64 bit)

Interface USB 2.0, LAN 10/100 Base, RS2322, Centronics2,

Wireless LAN²⁾

Language ModeTPCL, BCI (function)Label SoftwareBarTender UltraLite

Options

For B-EX4D2/T2 Cutter, Peel-off & internal rewinder, RTC USB host,

RS232, Centronics, Wireless LAN

1) B-EX4T2 only

2) Optiona



Ribbon¹⁾

Ribbon Width 41-112 mm

Ribbon Core Size 25.4 mm (1 inch)

Max. Ribbon Length 600 m

Max. Ribbon Diameter 90 mm





Intuitive usage for utmost efficiency.

B-EX6T1 B-EX6T3

6" Industrial Printer

- The Toshiba B-EX6 series redefining the Industrial printer marketplace. Combining market leading technology with usability, reliability and the lowest total cost of ownership.
- Extending the capabilities of our existing range of B-EX printers to cover the most demanding applications, for heavy duty industrial printing.
- > Rugged and durable design, advanced functionality, cost saving features and a wide choice of models and options for the best "all-in-one" industrial solution.





FLEXIBLE. DURABLE. RELIABLE.

Cost of Ownership

Performance and functionality to meet the demands of the wide-web printing marketplace, designed with features and options to offer the lowest cost of ownership; including an extended long-life print head; Toshiba's unique ribbon save mode and an 800 m ribbon, to improve efficiencies and ultimately reduce costs over the life of the printer.

Flexible Design

The B-EX6 has been designed with the same durability and reliability as the B-EX4 range, with rugged and robust outer casing. We have added more: a bi-cover to reduce footprint and opening space and essential operator usability, for ease of operation, reduced maintenance costs and minimal down-time.

Improve your efficiency

Supporting 6 inch media, with speeds of up to 12 inches per second, the B-EX6 range can handle the most demanding printing applications. In addition, high throughput is facilitated with advanced processing capabilities, increasing overall efficiency and productivity.

Enhanced connectivity

For flexible connectivity options, USB and Ethernet come as standard on the B-EX6 series. The optional Bluetooth functionality allows for parameter settings directly from your smart phone or mobile device.

Range of Models

A choice of models to suit any application, with 200 and 300 dpi variants for superior print quality and perfect readability of barcodes. Flat head and near edge head models enable easy replacement of legacy printer estates, and a wide range of media and options offer flexibility for any printing application.

Applications

The B-EX6 series combines the tried and trusted features and functionality of the current B-EX range.

Reliability and performance usually come at a cost but, with the B-EX series, premium capabilities come as standard, essentially lowering initial capital outlay and future-proofing your investment.

- > Industry
 - Automotive, Chemical, Pharmaceutical, Textile, Electronics, Food & Beverages
- Manufacturing
 - Carton label, Rating label, Picking label, Parts label
- Government
 - Utilities
- > Retail Distribution
 - Multiple label (Price label, shelf tag)
- > Transport and Logistics
 - Shipping/Receiving label, Address label, Pallet label
- > Healthcare
- > Telecommunications

Key Highlights

- Combining market leading technology with usability, reliability and the lowest total cost of ownership
- > High speed; high throughput
- > Rugged, robust and durable, with easy operation

Improved productivity, lower cost of ownership.



General

Print Method Direct thermal/Thermal transfer

Printhead T1: Near edge head T3: Flat head

Dimensions (W x D x H) 331 x 460 x 310 mm

Weight

16 MB (FROM), 32 MB (SRAM) Memory Graphic LCD, 2 x LED, 10 x key User interface

Operating Temperature /

 5°C to 40°C / 25-85% non-condensing

relative humidity (RH) Humidity

Storage Temperature / Humidity

-40°C to 60°C / 10-90% non-condensing

relative humidity (RH)

Power supply AC 100 to 240V, 50/60 Hz

Print

Resolution 203/305 dpi (8/12 dots/mm)

Max. Print Speed 76/127/203/254/305 mm/second (3/5/8/10/12 ips)

Max. Print Width 160 mm Max. Print Length 1,480 mm

EAN8, EAN13, JAN8, JAN12, UPC-A, UPC-E, Barcodes

NW-7, CODE 39, Code 93, ITF, MSI, Code 128, EAN 128, Industrial, 2 of 5, Customer Barcode, POSTNET, RM4SCC, KIX CODE, GS1 DataBar

Data Matrix, PDF 417, Maxicode, QR Code, 2D Codes

Micro PDF 417, CP Code

Bitmap font, Outline font, Price font, TTF, OFT, **Fonts**

Writable characters, Optional True Type

Media

Alianment Centre **Backing Paper Width** 50-165 mm **Label Thickness** 0.13-0.17 mm 0.08-0.25 mm Tag Thickness **Inner Media Core Diameter** 40-76.2 mm **Outer Media Roll Diameter** 200 mm Media Type Roll, Fanfold

Software & Connectivity

Emulation

Printer Driver Windows 10/8/7/Vista (32/64 bit),

Windows Server 2012/Server 2008 (32/64 bit)

Interface USB 2.0, LAN 10/100 Base, IPv6, USB Host/RTC,

RS2321), Centronics1), Wireless LAN1), EX I/O1)

TPCL, BCI (function) Language Mode **Label Software** BarTender UltraLite

Options

Disc cutter, Peel-off module, RS232, Fan fold guide, Centronics, Wireless LAN, EX I/O, RFID2

1) Optional

2) For T1 model only

Ribbon

Ribbon Width max. 170 mm **Ribbon Core Size** 25.4 mm (1 inch)

Max. Ribbon Length Standard 600 m, Optional 800 m

Max. Ribbon Diameter 90 mm

Toshiba Genuine Ribbons.

Toshiba Genuine ribbons save you money.

Did you know Toshiba has a full range of approved thermal ribbons, for any printer or application?

Toshiba Genuine ribbons feature our unique Near Edge Technology, which enables fast keying time and no show through print.

For crisp barcodes, low energy settings and high speed solutions, contact us today.

Toshiba Genuine: Join the Near Edge Revolution.





B-SX8T

8" Industrial Printer

- The B-SX8 industrial printer from Toshiba with powerful networking delivers outstanding performance for a wide variety of environments and applications.
- This innovative printer offers advanced features including extremely fast processing, large internal memory, web printer controls and outstanding SNMP networking tools.





KEY HIGHLIGHTS

- > Advanced connectivity features
- Higher processing speed to improve data processing of large files
- > Easy maintenance and low cost of ownership



APPLICATIONS

The Toshiba B-SX8 printer with the ultimate in networking tools is ideal for for a large range of applications:

>Logistics

- Shipping/Receiving label, address label, container labelManufacturing
- Carton label, Rating label, Picking label, Parts label
 Other Industries
 - -e.g. Automotive, Paper, Chemical, Pharmaceutical, Textile

WITH PEACE OF MIND BUILT IN

Speed and Functionality

Utilising field-proven CPU technology from Toshiba the B-SX8 model offers high-speed printing and enhanced processing via an extensive choice of interfaces - including USB and internal LAN. The options of serial and wireless LAN interfaces provide additional flexibility and choice, making this printer adaptable to the widest variety of environments and applications.

High Print Quality

The high-resolution, wide print head of the B-SX8 facilitate speedy printing of large format compliance labels. A floating print head mechanism guarantees superb print quality with reduced friction and a flat paper path. The standard ribbon save function conserves the ribbon when it is not required, reducing costs and the amount of down-time required for ribbon changing.

Future Proofing

For future proofing, the B-SX8 printer is compatible with legacy systems. With the powerful Basic Command Interpreter (BCI) program, incoming data can be manipulated to generate the correct label formats. The BCI can also communicate with external devices allowing the easy integration of other technology systems.

SNMP Tools

The B-SX8 comes with a free Central Network Management Suite that allows the user to:

- Manage all the Toshiba printers attached to the network through their IP address.
- Exhibit system information and firmware versions, allowing firmware to be updated across the network simultaneously.
- View the status of each individual printer connected to the network in real-time with real-time alerts; including viewing web pages.
- View a graphical display of the alerted error with instructions on the actions necessary to resolve it.

Lower Cost of Ownership

This Toshiba product is manufactured at Toshiba's own facilities providing the assurance of complete reliability and quality of key components essential for low overall cost of ownership (TCO). To further lower the TCO the B-SX8 printer has large internal memory as standard with no requirement for additional memory.

General

Print Method Thermal transfer/Direct thermal

Printhead Edge type

Dimensions (W x D x H) 416 x 289 x 395 mm

Weight 25 kg

16 MB (FROM), 16 MB (SRAM) Memory

User interface 2 line LCD (16 characters), 3 x LED, 3 x key

Operating Temperature /

Humidity

5°C to 40°C / 25-85% non-condensing relative humidity (RH)

Storage Temperature /

Humidity

-40°C to 60°C / 10-90% non-condensing

relative humidity (RH)

AC 100 to 240 V, 50/60 Hz **Power Supply**

Print

Resolution 305 dpi (12 dots/mm) Sensor Reflective, Transmissible **Maximum Print Speed** 203 mm/second (8 ips)

Maximum Print Width 213.3 mm

Maximum Print Length Batch: 8-1.364 mm

> Cut: 23-1,364 mm Peel-off:20.9-1,364 mm

Barcodes UPC/EAN/JAN, Code 39, Code 93, Code 128,

EAN 128, NW7, MSI, Interleaved 2 of 5, Industrial

2 of 5, Matrix 2 of 5, Postnet, RM4SCC, KIX-Code,

GS1 Databar

Data Matrix, PDF 417, Maxicode, QR Code, 2D Codes

Micro PDF 417, CP Code

Bitmap font, Outline font, Price font, TTF, Writable **Fonts**

characters

Media

Alignment Centred **Backing Paper Width** 101.6 - 225 mm **Label Thickness** 0.13-0.17 mm Tag Thickness 0.10-0.17 mm 76 mm Inner Media Core Diameter **Outer Media Roll Diameter** 203 mm

Media Type Vellum paper and labels, Matt coated paper,

Glossy coated paper, Synthetic film, PET film,

Polyimide

Media Format Roll, Fanfold

Software & Connectivity

Printer Driver Windows 10/8/7/Vista (32/64 bit),

Windows Server 2012/Server 2008 (32/64 bit)

Parallel port, USB 2.0, LAN (10/100Base), Serial port1), Expansion I/O1)

Language Mode TPCL, BCI (function) **Label Software** BarTender UltraLite

Options

Interface

Cutter module, Strip module, Serial interface board, Expansion I/O board, RTC (real time clock)

1) Optional



Ribbon Width 115-224 mm Ribbon Core Size 25.4 mm (1 inch) **Fixed Core Length** 228 mm

Max. Ribbon Length 300 m Max. Ribbon Diameter 72 mm



B-852

8" Industrial Printer

- With powerful networking capabilities, the B-852 wide web printer from Toshiba delivers exceptional performance for a wide variety of environments and applications.
- This innovative industrial printer offers superior features including extremely fast processing, large internal memory, web printer controls and outstanding SNMP networking tools.





APPLICATIONS

The Toshiba B-852 printer with exceptional performance and the ultimate in networking tools with impressive capacity to adapt to various working environments.

- Manufacturing
 - to print carton labels, rating labels, picking labels, parts lablels etc.
- > Transport and Logistics
 - to print shipping/receiving labels, address labels, pallet labels etc.
- All industries which need to process and print large label sizes at high speed
 - e.g. Automotive, Heavy Industry, Steel Industry, Paper Industry, Forestry, Chemical Industry, Pharmaceutical Industry, Textile Industry, Retail Distribution

Speed and Functionality

Utilising field-proven CPU technology from Toshiba, the B-852 offers high-speed printing and enhanced processing via an extensive choice of interfaces – including USB 2.0 and internal LAN. The options of serial and LAN interfaces provide additional flexibility and choice, making the B-852 adaptable to the widest variety of environments and applications.

POWERFUL PRINTING

High Print Quality

The B-852 300 dpi, 216 mm wide printhead facilitates rapid printing of high-quality, large format compliance labels.

Future Proofing

For future proofing, the B-852 printer is compatible with legacy systems. With the powerful Basic Command Interpreter (BCI) programme, incoming data can be manipulated to generate the correct label formats. The BCI can also communicate with external devices allowing the easy integration of other technology systems.

SNMP Tools

The B-852 comes with a free Network Management Suite that allows the user to:

- Manage all the Toshiba printers attached to the network through their IP address.
- Display system information and firmware versions, allowing firmware to be updated across the network simultaneously.
- > View the status of each individual printer connected to the network in real time with real-time alerts (including viewing web pages).
- View a graphical display of the alerted error with the instructions necessary to resolve it, even emailing the service call centre number when needed.

Lower Cost of Ownership

Manufactured at Toshiba's own facilities this printer provides the assurance of complete reliability and quality of key components, which is essential for low overall cost of ownership (TCO). To lower the TCO even further the B-852 has large internal memory as standard with no requirement for additional memory.



General

Print Method Thermal transfer/Direct thermal

Printhead Flat head

385 x 181 x 243 mm Dimensions (W x D x H)

429 x 427 x 265 mm with supply holder installed

Weight

16 MB (FROM), 16 MB (SRAM) Memory LCD (16 digits), 3 x LED, 3 x key User interface 5°C to 40°C / 25-85% non condensing

Operating Temperature / Humidity

Storage Temperature /

Humidity

Power Supply

-40°C to 60°C / 10-90% non condensing relative humidity (RH)

relative humidity (RH)

AC 100 to 240 V, 50/60 Hz

Print

300 dpi (11.8 dots/mm) Resolution Sensor Reflective, Transmissable **Maximum Print Speed** 101.6 mm/second (4 ips)

Maximum Print Width 216.8 mm

Batch: 12.5-640 mm **Print Length**

Cut: 32-640 mm

UPC/EAN/JAN, Code 39, Code 93, Code 128, **Barcodes**

EAN 128, NW7, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Postnet, RM4SCC, KIX-Code,

Customer Barcode, GS1 Databar

Data Matrix, PDF417, QR Code, Maxi Code, 2D Codes

240 mm

Micro PDF417, CP Code

Bitmap font, Outline font, Writable characters, TTF **Fonts**

Ribbon

Fixed Core Length

Ribbon Width 120-220 mm **Ribbon Core Size** 25.4 mm (1 inch)

Max. Ribbon Length 300 m Max. Ribbon Diameter 72 mm

Media

Alignment Centred

Backing Paper Width Batch: 100-242 mm

Cut: 100-235 mm

0.13-0.18 mm **Label Thickness** Tag Thickness 0.08-0.18 mm Inner Media Core Diameter 38-76 mm **Outer media Roll Diameter** 230 mm

Vellum paper and labels, Matt coated paper, Media Type

Glossy coated paper, Synthetic film, PET film, Polyimide

Media Format Roll, Fanfold

Software & Connectivity

Printer Driver Windows 10/8/7/Vista (32/64 bit),

Windows Server 2012/Server 2008 (32/64 bit)

USB 2.0 (Full Speed), LAN 10/100 Base, Parallel port, Interface

Serial port1)

TPCL, BCI (function) Language Mode **Label Software** BarTender UltraLite

Options

Cutter module, expansion I/O board, RS-232C board, RTC (real time clock)

1) Optional





About Toshiba

Toshiba (Australia) Pty Limited is part of the globally operating Toshiba Tec Corporation, active in various high-tech industrial sectors.

Toshiba 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. For more information please contact us:

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Γ	
	Together Information is Toshiba's vision for how people and organisation 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.
L	For more information please visit www.toshiba-business.com.au