TOSHIBA

B-EX6T1
B-EX6T3

INDUSTRIAL PRINTER

Product brochure



- 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.

TOGETHER INFORMATION

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. But 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.



SPECIFICATIONS

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	20 kg
Memory	16 MB (FROM), 32 MB (SRAM)
User interface	Graphic LCD, 2 x LED, 10 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)
Power supply	AC 100 to 240V, 50/60 Hz

Print

Resolution	203/305 dpi (8/12 dots/mm)
Sensor	Relective, Transmissible
Maximum Print Speed	76/127/203/254/305 mm/second (3/5/8/10/12 ips)
Maximum Print Width	160 mm
Print Length	Batch: 8-1,498 mm Cut: 20.4-1,494 mm Peel-off: 23.4-254 mm
Barcodes	EAN8, EAN13, JAN8, JAN12, UPC-A, UPC-E, NW-7, CODE 39, Code 93, ITF, MSI, Code 128, EAN 128, Industrial, 2 of 5, Customer Barcode, POSTNET, RM4SCC, KIX CODE, GS1 DataBar
2D Codes	Data Matrix, PDF 417, Maxicode, QR Code, Micro PDF 417, CP Code
Fonts	Bitmap font, Outline font, Price font, TTF, OFT, Writable characters, Optional True Type

Ribbon

Ribbon Width	max. 170 mm
Ribbon Core Size	25.4 mm (1 inch)
Standard Ribbon Length	600 m
Max. Ribbon Diameter	90 mm

Media

Alignment	Centre
Backing Paper Width	50-165 mm
Label Thickness	0.13-0.17 mm
Tag Thickness	0.08-0.25 mm
Inner Media Core Diameter	40-76.2 mm
Outer media Roll Diameter	max. 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

Emulation	ZPL II
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, RS232[1], Centronics[1], Wireless LAN[1], EX I/O[1]
Language Mode	TPCL, BCI (function)
Label Software	BarTender UltraLite

Options

Disc cutter, Peel-off module, RS232, Centronics, Wireless LAN, EX I/O, RFID[2]

[1] Optional
[2] For T1 model only

BarTender



Connect. Integrate. Simplify.

Technology for every workspace, delivering advanced functionality, ease of use and peace of mind.

About Toshiba Tec

Toshiba Tec Germany Imaging Systems GmbH 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.

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