

# B-EX6T1 B-EX6T3 INDUSTRIAL PRINTER

## Product brochure

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- > 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. 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.

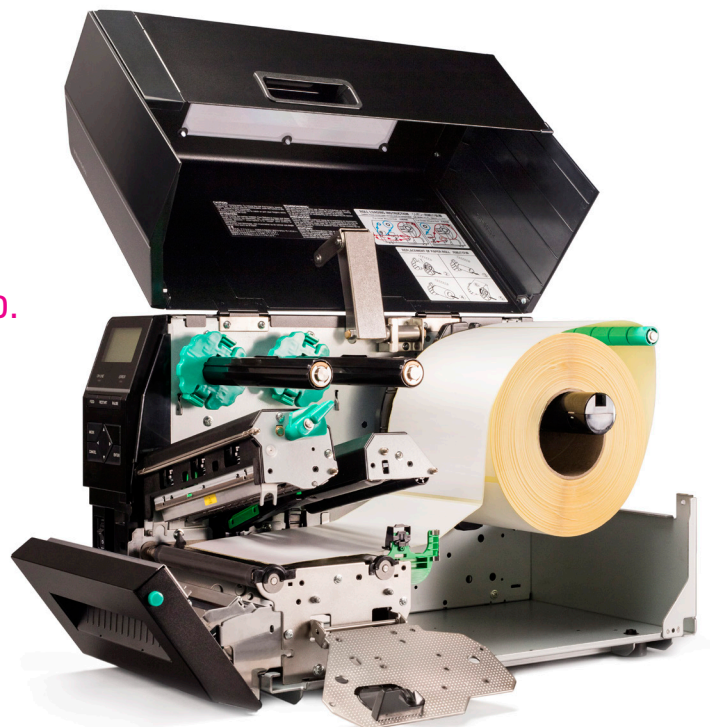
Reliability and performance usually come at a cost but, with the B-EX series, premium capabilities come as standard, essentially lowering initial capital outlay and future-proofing your investment.

- > 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

<b>Print Method</b>	Direct thermal/Thermal transfer
<b>Printhead</b>	T1: Near edge head T3: Flat head
<b>Dimensions (W x D x H)</b>	331 x 460 x 310 mm
<b>Weight</b>	20 kg
<b>Memory</b>	16 MB (FROM), 32 MB (SRAM)
<b>User interface</b>	Graphic LCD, 2 x LED, 10 x key
<b>Operating Temperature / Humidity</b>	5°C to 40°C / 25-85% non-condensing relative humidity (RH)
<b>Storage Temperature / Humidity</b>	-40°C to 60°C / 10-90% non-condensing relative humidity (RH)
<b>Power supply</b>	AC 100 to 240V, 50/60 Hz

## Print

<b>Resolution</b>	203/305 dpi (8/12 dots/mm)
<b>Sensor</b>	Relective, Transmissible
<b>Maximum Print Speed</b>	76/127/203/254/305 mm/second (3/5/8/10/12 ips)
<b>Maximum Print Width</b>	160 mm
<b>Print Length</b>	Batch: 8-1,498 mm Cut: 20.4-1,494 mm Peel-off: 23.4-254 mm
<b>Barcodes</b>	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
<b>2D Codes</b>	Data Matrix, PDF 417, Maxicode, QR Code, Micro PDF 417, CP Code
<b>Fonts</b>	Bitmap font, Outline font, Price font, TTF, OFT, Writable characters, Optional True Type

## Ribbon

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

## Media

<b>Alignment</b>	Centre
<b>Backing Paper Width</b>	50-165 mm
<b>Label Thickness</b>	0.13-0.17 mm
<b>Tag Thickness</b>	0.08-0.25 mm
<b>Inner Media Core Diameter</b>	40-76.2 mm
<b>Outer media Roll Diameter</b>	max. 203 mm
<b>Media Type</b>	Vellum paper and labels, Matt coated paper, Glossy coated paper, Synthetic film, PET film, Polyimide
<b>Media Format</b>	Roll, Fanfold

## Software & Connectivity

<b>Emulation</b>	ZPL II
<b>Printer Driver</b>	Windows 10/8/7/Vista (32/64 bit), Windows Server 2012/Server 2008 (32/64 bit)
<b>Interface</b>	USB 2.0, LAN 10/100 Base, IPv6, USB Host/RTC, RS232 <sup>1)</sup> , Centronics <sup>1)</sup> , Wireless LAN <sup>1)</sup> , EX I/O <sup>1)</sup>
<b>Language Mode</b>	TPCL, BCI (function)
<b>Label Software</b>	BarTender UltraLite

## Options

Disc cutter, Peel-off module, RS232, Centronics, Wireless LAN, EX I/O, RFID<sup>2)</sup>

<sup>1)</sup> Optional

<sup>2)</sup> For T1 model only



**BarTender**  
BY SEAGULL SCIENTIFIC  
Create and automate labels, barcodes and more

## 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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**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.**