

# B-EX6 INDUSTRIAL PRINTER

## Product brochure

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- > The Toshiba B-EX6 series is redefining the industrial printer marketplace. Combining market leading technology with usability, reliability and a low 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

Featuring our unique Near Edge Technology, the B-EX6 is capable of running at high speeds with the added benefit of a 30% increase in ribbon capacity (800m)<sup>2</sup> to reduce your down time. Toshiba Genuine B-EX6 ribbons feature silicone protection\*, ensuring maximum ROI with extended print head longevity.

## 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. The B-EX4 now features a bi-cover to reduce footprint and opening space 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 output 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, a wide range of media and options offer flexibility for any printing application.

Improved productivity,  
lower cost of ownership.

## Applications

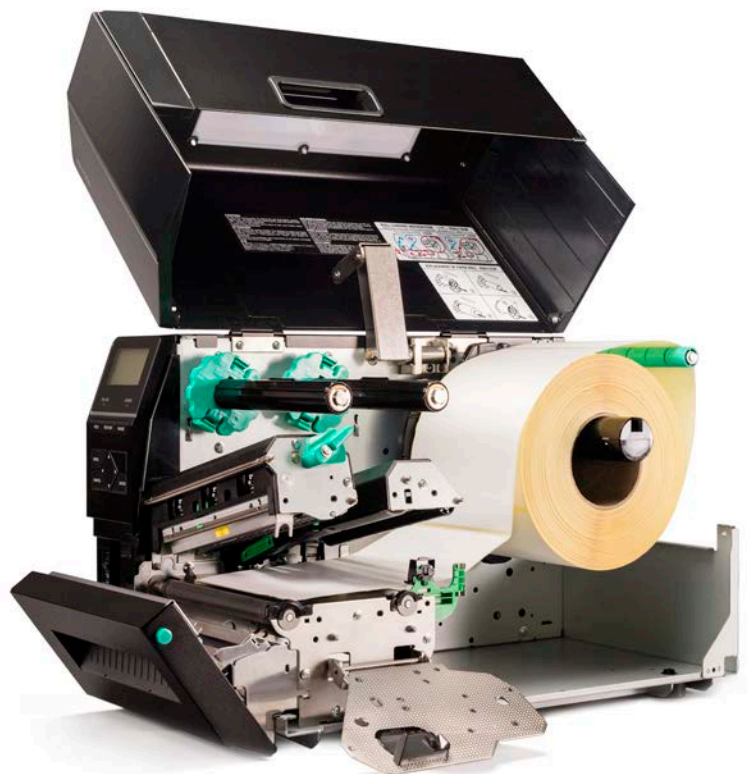
The B-EX6 series combines the tried and trusted features and functionality of the current B-EX range.

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

- > Industrial & Manufacturing
  - Automotive, Chemical, Pharmaceutical, Textile, Electronics, Food & Beverages
- > Government
  - Utilities
- > Retail Distribution
- > Transport and Logistics
- > Healthcare
- > Telecommunications

## Key Highlights

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



\* Refer to Toshiba Genuine datasheets

# SPECIFICATIONS

## General

|   |  |
|---|--|
| <b>Print Method</b>                     | Direct thermal/Thermal transfer                            |
| <b>Printhead</b>                        | T1: Near edge technology<br>T3: Flat head                  |
| <b>Dimensions (W x D x H)</b>           | 331 x 460 x 310 mm   |
| <b>Weight</b>                           | 20 kg  |
| <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>Power supply</b>                     | 240V, 50 Hz  |

## Print

|                             |  |
|-----------------------------|--|
| <b>Resolution</b>           | 203/305 dpi (8/12 dots/mm)   |
| <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>Maximum Print Length</b> | 1,490 mm   |
| <b>Barcodes</b>             | 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 |
| <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  |

## Ribbon

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Ribbon Width</b>         | max. 170 mm                    |
| <b>Ribbon Core Size</b>     | 25.4 mm (1 inch)               |
| <b>Max. Ribbon Length</b>   | Standard 600 m, Optional 800 m |
| <b>Max. Ribbon Diameter</b> | 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.**

## 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>             | 0.08-0.25mm   |
| <b>Inner Media Core Diameter</b> | 40-76.2 mm    |
| <b>Outer media Roll Diameter</b> | 200 mm        |
| <b>Media Type</b>                | Roll, Fanfold |

## Software & Connectivity

|                       |   |
|-----------------------|---|
| <b>Emulation</b>      | ZPL II  |
| <b>Printer Driver</b> | Windows 10/8/7/Vista (32/64 bit),<br>Windows Server 2012/Server 2008 (32/64 bit)  |
| <b>Interface</b>      | USB 2.0, LAN 10/100 Base, IPv6, USB Host/RTC,<br>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, Fan fold guide, RS232, Centronics, Wireless LAN, EX I/O, RFID<sup>2)</sup>

<sup>1)</sup> Optional

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



## About Toshiba

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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.**

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