TOSHIBA

# B-EX4D2
# B-EX4T2

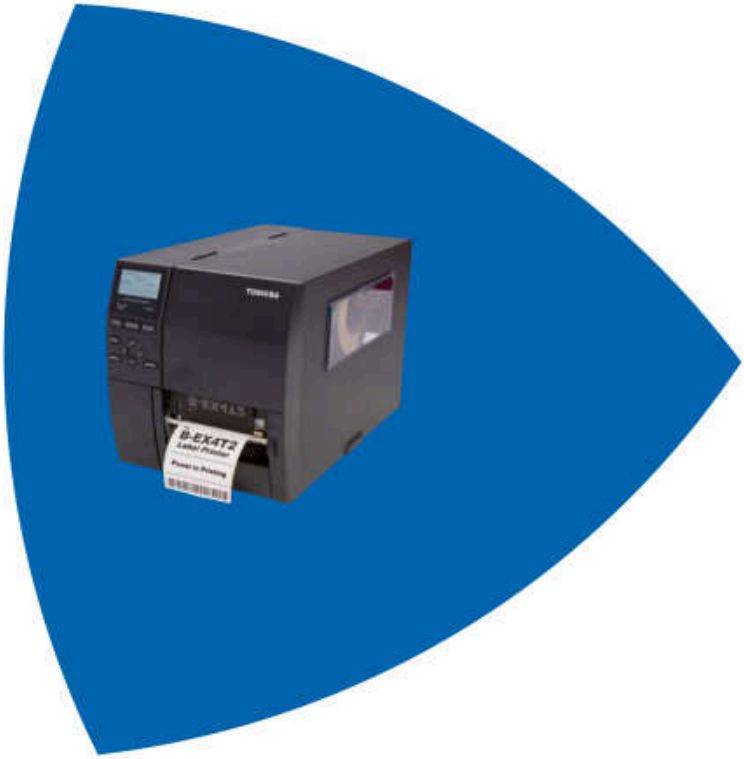
## INDUSTRIAL PRINTER

## Product brochure



- 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 of legacy systems - simply plug and play.

TOGETHER INFORMATION



# HIGH PERFORMANCE AT LOW COSTS

With speeds of up to 12 ips, the 4 inch B-EX4D2 an 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-EXD42 and B-EX4T2 series continue to lower maintenance costs.

### Specialist printing

All models are available in either 203, 300 or 600[1)] dpi variants, allowing for specialist high-resolution printing with superior print quality.

# APPLICATIONS

Industrial printing can be very demanding and you need systems you can rely on to keep your business workflows run smoothly. With Toshiba's B-EXD42 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, high-performance and extremely durable
- Media compatibility
- Extra-long ribbon (600m) 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

# SPECIFICATIONS

## General

| | |
|---|---|
| **Print Method** | B-EX4D2: Direct thermal<br>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 / Humidity** | -40°C to 60°C / 10-90% non-condensing relative humidity (RH) |
| **Storage Temperature / Humidity** | 5°C to 40°C / 25-85% non-condensing relative humidity (RH) |
| **Power supply** | AC 100 to 240V, 50/60 Hz AC adapter |

## Print

| | | |
|---|---|---|
| **Resolution** | GS/TS/HS: 203/300 dpi (8/11.8 dots/mm)<br>HS[1]: 600 dpi (23.6 dots/mm) | |
| **Sensor** | Reflective, Transmissible | |
| **Maximum Print Speed** | GS & TS: 305 mm/second (12 ips)<br>HS[1]: 152 mm/second (6 ips) | |
| **Maximum Print Width** | 104 mm | |
| **Print Length** | B-EX4D2<br>Batch: 8-1,498 mm<br>Cut: 19-1,494 mm<br>Peel-off: 13-254 mm | B-EX4T2<br>Batch: 8-1,498 mm<br>Cut: 23.4-1,494 mm<br>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 | |

## Ribbon[1]

| | |
|---|---|
| **Ribbon Width** | 41-112 mm |
| **Ribbon Core Size** | 25.4 mm (1 inch) |
| **Max. Ribbon Length** | 600 m |
| **Max. Ribbon Diameter** | 90 mm |

## Media

| | |
|---|---|
| **Alignment** | Left |
| **Backing Paper Width** | 25-114 mm |
| **Media Thickness** | Label: 0.13-0.17 mm<br>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),<br>Windows Server 2012/Server 2008 (32/64 bit) |
| **Interface** | USB 2.0, LAN 10/100 Base, RS232[2], Centronics[2], Wireless LAN[2] |
| **Language Mode** | TPCL, BCI (function) |
| **Label Software** | BarTender UltraLite |

## Options

| | |
|---|---|
| **For B-EX4D2/T2** | Cutter, Peel-off & internal rewinder, RTC USB host, RS232, Centronics, Wireless LAN |

[1] B-EX4T2 only
[2] Optional




Intuitive usage for utmost efficiency.

**About Toshiba Tec**

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For more information please contact us:

**Toshiba Tec Germany Imaging Systems GmbH**
Carl-Schurz-Str. 7
41460 Neuss
Germany

**Telephone**
+49 2131-1245-0

**Website**
www.toshibatec.eu

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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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