

## 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 constraints of legacy systems - simply plug and play.



# HIGH PERFORMANCE AT LOW COSTS

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.

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).

## Key Highlights

- > Low cost industrial printing
- > Cost-effective, for legacy system replacement
- > High-performance and extremely durable
- > Extra-long ribbon (600m) for increased productivity
- > Emulation for easy replacement of competitor's products
- > Optional WLAN (2.4 GHz/5 GHz) for improved connectivity

## 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<sup>1)</sup> dpi variants, allowing for specialist high-resolution printing with superior print quality.

## Applications

- > Logistics and Postal services
  - Shipping/receiving labels, address labels, pallet labels
- > Manufacturing
  - Carton labels, rating labels, picking labels, parts labels
- > Retail
  - Price label, shelf tags, receipts
- > Other applications
  - Office administration, Hospitality & Leisure ticketing, Healthcare, Utilities & Government



Intuitive usage for utmost efficiency.

# SPECIFICATIONS

## Models

<b>Direct Thermal</b>	<u>B-EX4D2-GS12</u>		
Resolution	203 dpi (8 dots/mm)		
<b>Thermal Transfer</b>	<u>B-EX4T2-GS12</u>	<u>B-EX4T2-TS12</u>	<u>B-EX4T2-HS12</u>
Resolution	203 dpi (8 dots/mm)	300 dpi (11.8 dots/mm)	600 dpi (23.6 dots/mm)

## General

<b>Printhead</b>	Flat head
<b>Dimensions (W x D x H)</b>	278 x 460 x 310 mm
<b>Weight</b>	17 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>	-40°C to 60°C / 10-90% non-condensing relative humidity (RH)
<b>Storage Temperature / Humidity</b>	5°C to 40°C / 25-85% non-condensing relative humidity (RH)
<b>Power supply</b>	AC 100 to 240V, 50/60 Hz AC adapter

## Print

<b>Sensor</b>	Reflective, Transmissible	
<b>Maximum Print Speed</b>	GS & TS: 305 mm/second (12 ips) HS: 152 mm/second (6 ips)	
<b>Maximum Print Width</b>	104 mm	
<b>Print Length</b>	<u>Direct Thermal</u> Batch: 8-1,498 mm Cut: 19-1,494 mm Peel-off: 13-254 mm	<u>Thermal Transfer</u> Batch: 8-1,498 mm Cut: 23.4-1,494 mm Peel-off: 23.4-254 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, Writeable character, Optional True Type	

## Ribbon<sup>1)</sup>

<b>Ribbon Width</b>	41-112 mm
<b>Ribbon Core Size</b>	25.4 mm (1 inch)
<b>Max. Ribbon Length</b>	600 m
<b>Max. Ribbon Diameter</b>	90 mm

## Media

<b>Alignment</b>	Left
<b>Backing Paper Width</b>	25-114 mm
<b>Media Thickness</b>	Label: 0.13-0.17 mm Tag: 0.08-0.17 mm
<b>Inner Media Core Diameter</b>	76.2 mm
<b>Outer media Roll Diameter</b>	200 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, DPL
<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, Ethernet 10/100 Base, RS232 <sup>2)</sup> , Centronics <sup>2)</sup> , WLAN 802.11a/b/g/n (Dual band for 2.4 GHz/5 GHz) <sup>2)</sup>
<b>Language Mode</b>	TPCL, Basic Command Interpreter (BCI)
<b>Label Software</b>	BarTender UltraLite (co-packed)



## Options

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

- <sup>1)</sup> B-EX4T2 only  
<sup>2)</sup> Optional



## 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.

For more information please contact us:

### **Toshiba Tec Corporation**

1-11-1, Osaki, Shinagawa-ku, Tokyo  
141-8562, Japan

### **Website**

[www.toshibatec.com](http://www.toshibatec.com)

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.