

## B-SA4TM MID-RANGE PRINTER

### Product brochure

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- ▶ The Toshiba B-SA4T barcode label printer provides the functionality and robustness of an industrial printer, with the compact footprint and ease of use of a desktop printer.
- ▶ For ultimate networking capabilities, it comes with a wide variety of communication interfaces, enabling you to manage your whole network of printers from a central source.
- ▶ Fitted with a 200 dpi or 300 dpi printhead as standard and the ability to switch between them, makes these systems one of the most flexible on the market.



# SPECIFICATIONS

## General

<b>Print Method</b>	Thermal transfer/Direct thermal
<b>Printhead</b>	Flat head
<b>Dimensions (W x D x H)</b>	B-SA4TM GS12/TS12: 238 x 402 x 332 mm
<b>Weight</b>	B-SA4TM GS12/TS12: 15 kg
<b>Memory</b>	16 MB (FROM), 16 MB (SRAM)
<b>User interface</b>	2 line LCD (16 characters), 2 x LED, 3 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 240 V, 50/60 Hz

## Print

<b>Resolution</b>	GS/TS: 203/300 dpi (8/11.8 dots/mm)								
<b>Sensor</b>	Reflective, Transmissible								
<b>Maximum Print Speed</b>	152.4 mm/second (6 ips)								
<b>Maximum Print Width</b>	GS/TS: 104/105.7 mm								
<b>Print Length</b>	<table><tr><td><u>Direct Thermal</u></td><td><u>Thermal transfer</u></td></tr><tr><td>Batch: 8-997 mm</td><td>Batch: 13-997 mm</td></tr><tr><td>Cut: 16-997 mm</td><td>Cut: 16-997 mm</td></tr><tr><td>Peel-off: 17-997 mm</td><td>Peel-off: 17-997 mm</td></tr></table>	<u>Direct Thermal</u>	<u>Thermal transfer</u>	Batch: 8-997 mm	Batch: 13-997 mm	Cut: 16-997 mm	Cut: 16-997 mm	Peel-off: 17-997 mm	Peel-off: 17-997 mm
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Cut: 16-997 mm	Cut: 16-997 mm								
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<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, TFT, Writable characters								



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.

## Ribbon

<b>Ribbon Width</b>	60-100 mm
<b>Ribbon Core Size</b>	25.4 mm (1 inch)
<b>Fixed Core Length</b>	118 mm
<b>Max. Ribbon Length</b>	450 m
<b>Max. Ribbon Diameter</b>	75 mm

## Media

<b>Alignment</b>	Centred								
<b>Backing Paper Width</b>	Direct thermal: 25-118 mm Thermal transfer: 25-114 mm								
<b>Label Thickness</b>	<table><tr><td><u>Direct Thermal</u></td><td><u>Thermal transfer</u></td></tr><tr><td>Batch: 0.08-0.17 mm</td><td>Batch: 0.01-0.17 mm</td></tr><tr><td>Cut: 0.08-0.17 mm</td><td>Cut: 0.01-0.17 mm</td></tr><tr><td>Peel-off: 0.13-0.17 mm</td><td>Peel-off: 0.13-0.17 mm</td></tr></table>	<u>Direct Thermal</u>	<u>Thermal transfer</u>	Batch: 0.08-0.17 mm	Batch: 0.01-0.17 mm	Cut: 0.08-0.17 mm	Cut: 0.01-0.17 mm	Peel-off: 0.13-0.17 mm	Peel-off: 0.13-0.17 mm
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<b>Inner Media Core Diameter</b>	38, 40, 42, 76.2 mm								
<b>Outer media Roll Diameter</b>	B-SA4TM: 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
<b>Printer Driver</b>	Windows 10/8/7/Vista (32/64 bit), Windows Server 2012/Server 2008 (32/64 bit)
<b>Interface</b>	Parallel port, USB 2.0, LAN( 10/100Base), Serial port <sup>1)</sup> , Expansion I/O <sup>1)</sup>
<b>Language Mode</b>	TPCL, BCI (function)
<b>Label Software</b>	BarTender UltraLite

## Options

<sup>1)</sup> Optional

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



## About Toshiba Tec

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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