

**TOSHIBA**

# B-SA4TM B-SA4TP MID-RANGE PRINTER

## Product brochure

- > 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.



**TOGETHER  
INFORMATION**

## APPLICATIONS

The B-SA4 series has it all. The ergonomic design makes them the printer of choice for any quiet office situation, whilst the superior quality output and exceptional performance ensure that it fits perfectly with robust industrial environments.

Offering high-quality output, industrial performance, versatile design, advanced functionality options and the backing of a globally recognised quality brand, these systems are ideal for various industries:

- > Manufacturing
- > Automotive
- > Chemical Industry
- > Pharmaceutical Industry
- > Textile Industry
- > Electronics
- > Telecommunications
- > Food Sector
- > Retail Distribution
- > Transport and Logistics
- > Hospitals & Surgeries
- > Healthcare
- > Utilities & Government



### Customer Benefits

The B-SA4T series is packed with a multitude of features for the user, including:

- > High speed printing leading to increased efficiency and productivity
- > Time-saving and minimal training due to fast and easy handling
- > Lower servicing and maintenance cost with user toolless replacement of the print head and platen
- > Versatile design to suit any environment or application
- > Perfect readability of labels and barcodes due to flexible high quality print technology
- > Bartender UltraLite labelling software.

## THE PERFECT “TOTAL SOLUTION”

### Speed and Functionality

This desktop printer with the performance of an industrial printer, offers high-speed printing and enhanced throughput via a large choice of network interfaces: parallel, USB 2.0 and internal LAN as standard, with optional serial, wireless LAN and RFID interface (UHF).

### Future Proofing

For future proofing, the B-SA4T series is compatible with legacy systems, TOSHIBA or non-TOSHIBA. The powerful BCI (programmable Basic Command Interpreter) allows the B-SA4T to print via non-TPCL data streams.

### Ease of Use

The graphical LCD display and simple to follow menu, ensures the user can set up and operate the B-SA4T with ease. The open-access front-loading feature, with a space saving ergonomic design, allows trouble-free drop-in media loading with a moveable sensor adaptable to a wide range of different types of media.

### High Print Quality

Fitted with a 200 dpi or 300 dpi printhead as standard these printers give you the flexibility to easily switch between the print heads.

### Compact and Robust

With a footprint close to A4 in size, the front opening, top loading design ensures the B-SA4T series is compact, whilst the choice of casing (plastic or metal) guarantees the printer is ergonomic for the office or robust enough for harsh operating environments. This provides the flexibility to configure the printer to suit most applications, from desktop to industrial. Extras such as peel-off and cutter modules fit neatly inside the front cover, ensuring the printer remains compact.

### Ease of Maintenance

The B-SA4T series facilitates simple user maintenance with easy access to main service parts. The snap-in printhead and quick change platen roller can be replaced by the operator without engineer intervention, lowering the total cost of ownership.

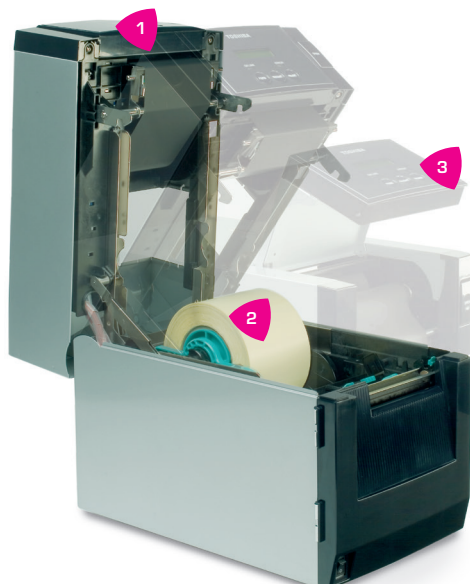
# SPECIFICATIONS

## 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-SA4TP GS12/TS12: 238 x 339 x 332 mm
<b>Weight</b>	B-SA4TM GS12/TS12: 15 kg B-SA4TP GS12/TS12: 12 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>	<u>Direct Thermal</u> Batch: 8-997 mm Cut: 16-997 mm Peel-off: 17-997 mm	<u>Thermal transfer</u> Batch: 13-997 mm Cut: 16-997 mm Peel-off: 17-997 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, TFT, Writable characters	



## 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>	<u>Direct Thermal</u> Batch: 0.08-0.17 mm Cut: 0.08-0.17 mm Peel-off: 0.13-0.17 mm	<u>Thermal transfer</u> Batch: 0.01-0.17 mm Cut: 0.01-0.17 mm Peel-off: 0.13-0.17 mm
<b>Inner Media Core Diameter</b>	38, 40, 42, 76.2 mm	
<b>Outer media Roll Diameter</b>	B-SA4TM: 200 mm B-SA4TP: 152.4 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

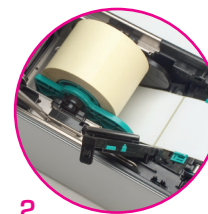
<b>Emulation</b>	ZPL II
<b>Printer Driver</b>	Windows 10/8/7/Vista (32/64 bit), Windows Server 2012/Server 2008 (32/64 bit)
<b>Interface</b>	Parallel port, USB 2.0, LAN( 10/100Base), Serial port <sup>1)</sup> , Expansion I/O <sup>1)</sup>
<b>Language Mode</b>	TPCL, BCI (function)
<b>Label Software</b>	BarTender UltraLite

## Options

<b>For B-SA4T</b>	Cutter module, Strip module, Serial interface board, Expansion I/O board, RTC (real time clock)
-------------------	---

<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.

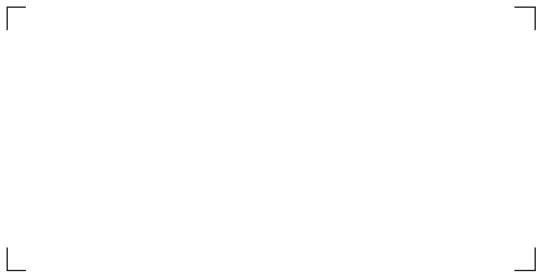
For more information please contact us:

### **Toshiba Tec Malaysia Sdn. Bhd.**

Registration No.: 198101000677 (66785-D)

4, Jalan Saudagar U1/16, Seksyen U1,  
Hicom Glenmarie Industrial Park, 40150, Shah Alam,  
Selangor Darul Ehsan, Malaysia.  
(P.O. Box 7722, Pejabat Pos Besar,  
40724 Shah Alam, Selangor Darul Ehsan, Malaysia.)  
Tel : +603-5568 7788    Service : +603-5568 7699  
Fax : +603-5568 7700  
Website : [www.toshibatec.com.my](http://www.toshibatec.com.my)

#### **Distributed by**



**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.**