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.
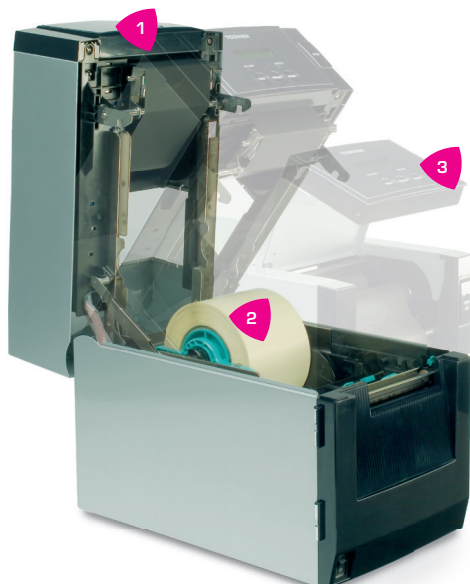
SPECIFICATIONS

General

Print Method	Thermal transfer/Direct thermal
Printhead	Flat head
Dimensions (W x D x H)	B-SA4TM GS12/TS12: 238 x 402 x 332 mm B-SA4TP GS12/TS12: 238 x 339 x 332 mm
Weight	B-SA4TM GS12/TS12: 15 kg B-SA4TP GS12/TS12: 12 kg
Memory	16 MB (FROM), 16 MB (SRAM)
User interface	2 line LCD (16 characters), 2 x LED, 3 x key
Operating Temperature / Humidity	5°C to 40°C / 25-85% non-condensing relative humidity (RH)
Stoarage Temperature / Humidity	-40°C to 60°C / 10-90% non-condensing relative humidity (RH)
Power Supply	AC 100 to 240 V, 50/60 Hz

Print

Resolution	GS/TS: 203/300 dpi (8/11.8 dots/mm)
Sensor	Reflective, Transmissible
Maximum Print Speed	152.4 mm/second (6 ips)
Maximum Print Width	GS/TS: 104/105.7 mm
Print Length	Direct Thermal Thermal transfer 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
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, TFT, Writable characters

Ribbon

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

Media

Alignment	Centred	
Backing Paper Width	Direct thermal: 25-118 mm Thermal transfer: 25-114 mm	
Label Thickness	Direct Thermal Batch: 0.08-0.17 mm Cut: 0.08-0.17 mm Peel-off: 0.13-0.17 mm	Thermal transfer Batch: 0.01-0.17 mm Cut: 0.01-0.17 mm Peel-off: 0.13-0.17 mm
Inner Media Core Diameter	38, 40, 42, 76.2 mm	
Outer media Roll Diameter	B-SA4TM: 200 mm B-SA4TP: 152.4 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
Printer Driver	Windows 10/8/7/Vista (32/64 bit), Windows Server 2012/Server 2008 (32/64 bit)
Interface	Parallel port, USB 2.0, LAN(10/100Base), Serial port[1], Expansion I/O[1]
Language Mode	TPCL, BCI (function)
Label Software	BarTender UltraLite

Options

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

[1] Optional

BarTender
BY SEAGULL SCIENTIFIC

Create and automate
labels, barcodes and more

1   2   3

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 Corporation
Printing Solution Business Group
E-Mail: TEC-ADS@ml.toshibatec.co.jp
FAX: +81-3-6684-4008
Website: 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.