

B-SX5T INDUSTRIAL PRINTER

Product brochure

- > The B-SX5 thermal transfer/direct thermal industrial printer provides world leading innovation and reliability.
- > Built with the future in mind, the B-SX printers takes barcode label printing to the next level.
- > Proven exceptional in use in all heavy-duty industries including chemicals, manufacturing, pharmaceuticals, textiles, electronics and telecom.



APPLICATIONS

The B-SX5 combines ease-of-use with a very low total cost of ownership making them the ideal choice of flexible industrial printers. Industries this printer is most often used in to print all kinds of labels are:

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

FAST, RELIABLE, EASY AND COMPATIBLE

Speed

High-speed printing is of course the norm. But the overall throughput is enhanced by a fast 32 bit RISC CPU, 8/16 MB DRAM image buffer, and 4 MB Flash Memory for programmes and large data file storage.

High Print Quality

Innovations include high-precision heat history control in seven stages, a new hyper-heater mechanism and improved alpha protection layer. The superb clarity is further enhanced by the new linear torque control of the Toshiba double ribbon motor system. The on-the-fly ribbon save function allows ribbons to be saved without a detrimental effect on throughput. The high-resolution Toshiba print heads also extend the print head life to up to 100 km.

Basic Command Interpreter

The BCI can run Basic programmes allowing the manipulation of incoming print data to generate the correct label formats. Thanks to this printers can be connected to existing legacy systems eliminating the need for costly software changes. The BCI can also communicate with external devices allowing the easy integration of other technology systems.

Reliability

A field-proven heavy-duty steel cabinet and a robust inner mechanism combine to ensure the incredible reliability of the B-SX5. Several technological advances mean more performance and functionalities at a competitive price.

Enhanced Features

The enhanced functions offer many advantages including:

- > remote printing and technical support
- > less costly software integration thanks to standardised XML data exchange
- > remote label format installation and updating (web print spooling)
- > notification of errors and events
- > data manipulation and processing using the BCI.

Ease of Use

Access to print head, platen, paper path and sensors is made quick and easy by the wide opening mechanism. A CD-ROM is provided with the printer that includes the Owners manual, technical manuals, BarTender UltraLite label printing software and Windows drivers - which all make the user's life easier.



SPECIFICATIONS

General

Print Method	Thermal transfer/Direct thermal
Printhead	Edge type
Dimensions (W x D x H)	291 x 460 x 308 mm
Weight	20 kg
Memory	4 MB (FROM), 16 MB (SRAM)
User interface	2 line LCD (16 characters), 3 x LED, 3 x key
Operating Temperature / Humidity	5°C to 40°C / 25-85% non-condensing relative humidity (RH)
Storage 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	306 dpi (12 dots/mm)
Sensor	Reflective, Transmissible
Maximum Print Speed	203 mm/second (8 ips)
Maximum Print Width	128 mm
Maximum Print Length	Batch: 8-1,498 mm Cut: 25-1,494 mm 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, Postnet, RM4SCC, KIX-Code, GS1 Databar
2D Codes	Data Matrix, PDF 417, Maxicode, QR Code, Micro PDF 417, CP Code
Fonts	Bitmap font, Outline font, Price font, TTF ¹⁾

Ribbon

Ribbon Width	41-134 mm
Ribbon Core Size	25.7 mm (1 inch)
Max. Ribbon Length	800 m
Max. Ribbon Diameter	90 mm

Media

Alignment	Centred
Backing Paper Width	30-140 mm
Label Thickness	0.13-0.17 mm
Tag Thickness	0.15-0.29 mm
Inner Media Core Diameter	76 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

Printer Driver	Windows 10/8/7/Vista (32/64 bit), Windows Server 2012/Server 2008 (32/64 bit)
Interface	Parallel port, Serial port, Expansion I/O, USB 1.1 ¹⁾ , LAN (10/100Base) ¹⁾
Language Mode	TPCL, BCI (function)
Label Software	BarTender UltraLite
Emulation	ZPL II

Options

Swing cutter module, Rotary cutter module, Peel-off module, USB 1.1, LAN (10/100Base)

¹⁾ 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 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.