

# B-SX4 B-SX5



## Comparative highlights

	B-SX4T	B-SX5T
<b>Technology</b>	Thermal Transfer / Direct thermal	
<b>Printhead</b>	Edge type	
<b>Resolution</b>	8 dots/mm (203 dpi)	12.05 dots/mm (306 dpi)
<b>Print Width</b>	Maximum 104 mm (4.09")	Maximum 127.5 mm (5.02")
<b>Print Length</b>	Maximum 1.500 mm (59")	
<b>Print Speed</b>	up to 254 mm/sec (10 ips)	up to 203 mm/sec (8 ips)
<b>Ribbon Save</b>	Optional	Standard
<b>Interfaces</b>	2 serial ports, Bi-directional parallel port, Expansion I/O*, PCMCIA I/F**, 10/100 Internal LAN I/F**, USB**	
<b>Barcodes</b>	UPC/EAN/JAN, Code 39, Code 93, Code 128, NW7, MSI, Industrial 2 of 5, ITF, Postnet, RSCC, KIX-code	
<b>2D Codes</b>	Data Matrix, PDF 417, Maxicode, QR code, Micro PDF 417	
<b>Fonts</b>	Bitmap font (21 fonts), Outline font (7 fonts), Optional Time Type, Writable characters (132 fonts)	
<b>Optional</b>	Swing cutter module, rotary cutter module, strip module + rewinder***, USB Interface, Built-in LAN board, Expansion I/O***, 2slot-PCMCIA I/F board, RFID kit	
<b>Dimensions</b>	291 mm (W) x 460 mm (D) x 308 mm (H)	
<b>Weight</b>	18 kg / 39.7 lbs. (without media and ribbon)	19 kg / 41.9 lbs. (without media and ribbon)

## Customers' benefits

The B-SX4/SX5 are packed with advantageous 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
- reduced downtime and increased productivity as a result of high reliability
- minimal repair and recovery costs, and maximized ROI during total life cycle
- perfect readability of labels & barcodes due to built-in high quality print technology

Your TOSHIBA TEC dealer:

\* Option for the B-SX4  
\*\* Optional  
\*\*\* Standard on the B-SX5

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# B-SX4/B-SX5

High End High Quality  
Industrial Printers



The new TOSHIBA TEC B-SX4 & B-SX5 thermal transfer / direct thermal printers extend the tradition of technical innovation of the TOSHIBA TEC high-class industrial printers.

[www.tec-america.com](http://www.tec-america.com) - [www.tec-canada.com](http://www.tec-canada.com)

Built to succeed the very popular B-472 and B-572 machines, they provide superior performance and reliability in a variety of industries including manufacturing, chemicals, pharmaceuticals, textiles, electronics & telecoms.

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# B-SX4 B-SX5



## Speed

Maintaining the high speed printing of its predecessors, throughput is enhanced by a fast 32 bit RISC CPU (SH-3 88 MHz), 8/16 Mb DRAM image buffer, and 4 Mb Flash Memory for programs and large data file storage.

## Ease of use

Access to printhead, platen, paper path and sensors is improved by the development of a new wide opening mechanism. All the latest Windows printer drivers can be downloaded from the TEC America website at [www.tectpd.com](http://www.tectpd.com) or the TEC CANADA website at [www.teccanada.com](http://www.teccanada.com), which can help make the user's life a little easier.

## Reliability

A field-proven heavy-duty steel cabinet and a robust inner mechanism combine to ensure the incredible reliability of the B-SX4 and B-SX5. Several technological advances mean more performance and functionalities at a competitive price on the new B-SX4/SX5 printers.

## Full compatibility

Software and supplies are compatible with TOSHIBA TEC's previous models - the B-X72 & B-X82 printer ranges.

## Enhanced features:

**Internet, E-mail, FTP, XML and BCI.**

The enhanced functions offer many advantages including:

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

## FTP

The FTP server enables files to be transferred to the printer via the Internet using File Transfer Protocol (FTP).

## Internet

B-SX printers have in-built Internet servers allowing you to remotely update printer firmware, view printer status and maintenance counters, edit parameter settings and of course print labels by sending files or filling in Internet-based forms.

## XML

XML documents can be received and linked to the correct label formats by the printer automatically.

## E-mail capacity

The printer can receive e-mails to print labels and reply when the print job is completed. It will also send any error messages to nominated people.

## Basic Command Interpreter

The BCI can run Basic programs allowing the manipulation of incoming print data to generate the correct label formats. This allows the printer to be connected to existing legacy systems eliminating the need for costly software changes.

# Fast, reliable, easy and compatible at a lower total cost of ownership!

## High print quality

Fitted with TOSHIBA's very own printheads - 203 dpi on the B-SX4 and 306 dpi on the B-SX5 - makes these machines unique in the market. Innovations provided by the use of these printheads include high-precision heat history control in 7 stages, a new hyper-heater mechanism and improved alpha protection layer. The superb clarity of these printheads is further enhanced by the new linear torque control of the TOSHIBA TEC double ribbon motor system. The new on-the-fly ribbon saving function allows ribbons to be saved without a detrimental effect on throughput (an option on the B-SX4).

The new TOSHIBA printheads give a much greater printhead life (3 million inch/76 km life time).

## Easy connectivity

The B-SX4/SX5 printers have an array of interface options:

Standard	Optional
1 external RS232C port, 1 internal RS232 port for RFID	Expansion I/O
ECP Parallel port (Centronics)	USB v1.1 port
	Built-in LAN board 10/100 Base
	2-slots PCMCIA interface board
	Wireless LAN 802.11b card
	RFID



▲ Line backlit display



▲ Time-saving and minimal training due to fast and easy handling



▶ A wide opening mechanism

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Improved ease-of-use as well as a very low total cost of ownership make these the ideal choice as flexible industrial printers.

## Suitable Applications

- Manufacturing
- Auto Industry
- Chemical Industry
- Pharmaceutical Industry
- Textile Industry
- Electronic Industry
- Telecommunication
- Food Sector
- Retail Distribution
- Transport and Logistics
- Healthcare
- Utilities
- Government