

B-SX4
B-SX5



Specifications

	B-SX4T	B-SX5T
Technology	Thermal Transfer / direct thermal	
Printhead	Edge type	
Resolution	8 dots/mm (203 dpi)	12.05 dots/mm (306 dpi)
Print Width	Maximum 104 mm	Maximum 127.5 mm
Print Length	Maximum 1,498 mm	
Print Speed	up to 254 mm/sec (10 ips)	up to 203.2 mm/sec (8 ips)
Ribbon Save	Optional	Standard
Interfaces	2 serial ports, Bi-directional parallel port, Expansion I/O*, PCMCIA I/F**, 10/100 Internal LAN I/F**, USB**	
Barcodes	UPC/EAN/JAN, Code 39, Code 93, Code 128, EAN 128, NW7, MSI, Industrial 2 of 5, ITF, Postnet, RM4SCC, KIX-code, RSS14	
2D Codes	Data Matrix, PDF 417, Maxicode, QR code, Micro PDF 417	
Fonts	Bitmap font (21 fonts), Outline font (7 fonts), Writable characters (132 fonts), Optional TrueType fonts (20 types)*	
Optional	Swing cutter module, rotary cutter module, strip module & rewinder***, USB Interface, built-in LAN board, Expansion I/O***, 2-slot-PCMCIA I/F board, RFID kit	
Dimensions	291 mm (W) x 460 mm (D) x 308 mm (H)	
Weight	18 kg (without media and ribbon)	19 kg (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
 - supplied with Bartender TEC UltraLite labelling software



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

Your TOSHIBA TEC dealer:

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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. 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



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

Suitable Applications

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

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. A CD-ROM is provided with the printer that includes the Owners manual in several languages, technical manuals (Programming, Supply, etc.), BarTender TEC UltraLite label printing software and Windows drivers - which all make the user's life easier.

High print quality

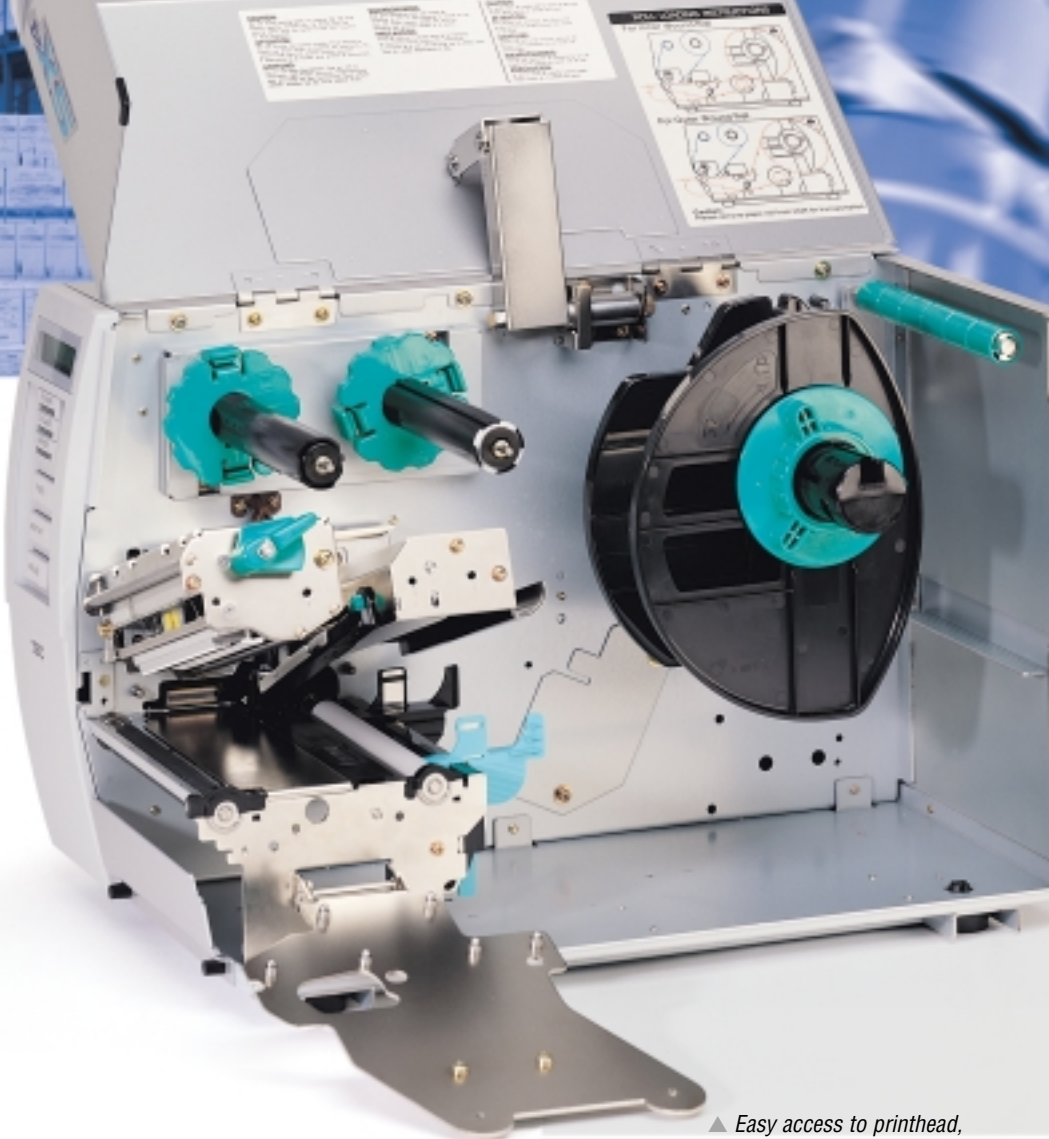
TOSHIBA's very own printheads - 203 dpi on the B-SX4 and 306 dpi on the B-SX5 - make these machines unique in the market.

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

Innovations provided by the use of these printheads include high-precision heat history control in 7 stages, a new hyperheater 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).

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.



▲ Easy access to printhead, platen, paper path and sensors

The new TOSHIBA printheads also give twice the printhead life (100 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



▲ User-friendly display



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 standardised 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



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



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

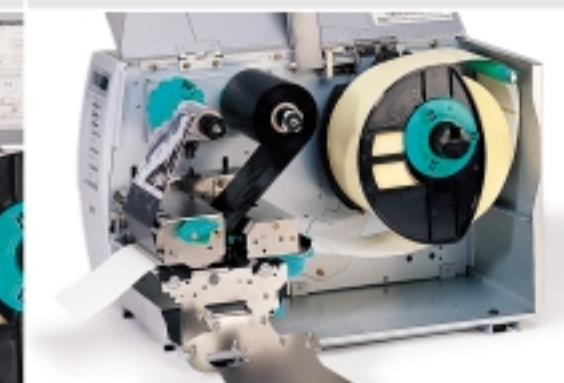
XML documents can be received by the printer and automatically linked to the correct label formats.

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 addresses.

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.



▲ A wide opening mechanism

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