



Specifications

Model	B-SX4	B-SX5
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)

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

B-SX4 & B-SX5

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 maximised ROI during total life cycle
- perfect readability of labels & barcodes due to built-in high quality print technology
- supplied with Bartender UltraLite labelling software



TOSHIBA

**TOSHIBA TEC CORPORATION
RETAIL INFORMATION SYSTEMS
COMPANY**
Oval Court Ohsaki Mark East
2-17-2, Higashi Gotanda, Shinagawa-ku
JP - TOKYO 141-8664 (Japan)
barcode.toshibatec.co.jp

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TOSHIBA TEC AUSTRALIA PTY. LTD.
7-11 South Street
AU - RYDALMERE NSW 2116 (Australia)
T. +61 (0)2 8845 6200
F. +61 (0)2 9680 0892
www.toshibatec.com.au

TOSHIBA

B-SX4 & B-SX5



With over 20 years experience in producing barcode label printers the TOSHIBA B-SX4 & B-SX5 thermal transfer/direct thermal industrial printers provide world leading innovation and reliability. Built with the future in mind, the 'RFID Ready' B-SX printers take the barcode label printer to the next level. Ideal for use in all heavy-duty industries including chemicals, manufacturing, pharmaceuticals, textiles, electronics & telecom.



12000 STCK

DIAMETRE: 16X18
LONGUEUR: 3 M

TEC

FABRIQUE EN FRANCE

NFA 51120



▲ *UHF RFID antenna*

This image shows a large industrial label printer, likely a Zebra 4500i or similar model. The printer is light blue and has a large roll of yellow label material loaded inside. A red line connects the printer's internal mechanism to the top-left inset image, which shows a close-up of the printer's output area. Another red line connects the printer's control panel to the top-right inset image, which shows a worker in a warehouse setting. A third red line connects the printer's internal mechanism to the bottom-right inset image, which shows a close-up of the printer's output area.

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

allows ribbons to be saved without a detrimental effect on throughput (an option on the B-SX4). The TOSHIBA print heads also extend the print head life (100 km life time).

TOSHIBA's very own print heads - 203 dpi on the B-SX4 and 306 dpi on the B-SX5 - make these machines unique in the market. Innovations provided by the use of these print heads include high-precision heat history control in 7 stages, a new hyper heater mechanism and improved alpha protection layer. The superb clarity of these print heads is further enhanced by the new linear torque control of the TOSHIBA TEC double ribbon motor system. The on-the-fly ribbon save function

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.

Software and supplies are compatible with TOSHIBA TEC's previous models - the B-X printer range produced under the TEC brand.

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

- remote printing and technical support
- 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
- data manipulation and processing using the BCI

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

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

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

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

RFID Technology satisfies the growing requirements of supply chain management. Data, text, barcodes and graphics can still be printed on labels in the usual way, but at the same time complementary information is stored on integrated circuits utilising radio frequency, ready for future reading or editing as required. In fact these printers treat the addition of RFID data as just another barcode. So for the user or programmer no knowledge of RFID is necessary. Just send the data as part of a label format and the printer does the rest.

(only available in Europe)

The B-9704-H1-QP option enables the printer to encode chips at 13.56 MHz. Current supported chips are C210, C220, C240, C270 (I-Code), Tag-It and ISO15693. ISO18000 type 3 will be added in the near future.

The B-9704-U1-QP option enables the printer to encode chips at 869.5 MHz. Current supported chips are EPC Class0, Class1 and ISO-18000-6-B. EPC Class 0+, GEN2 will be available in the near future.