



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

Thermal transfer ribbons

Toshiba approved thermal transfer ribbons are relied on every day by businesses worldwide, whether it's for mass-produced short-term label printing or for highly specialised identification techniques using advanced resin products.



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Your TOSHIBA TEC dealer:

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



SAP® Certified
Integration with SAP NetWeaver®

TOSHIBA

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TOSHIBA

Leading Innovation >>>

B-SX4 & B-SX5

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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.

High End High Quality Industrial Printers

TOSHIBA

Leading Innovation >>>

The B-SX4 and B-SX5 combine ease-of-use with a very low total cost of ownership making them the ideal choice of flexible industrial printers.



UHF RFID antenna



Speed

High-speed printing is of course the norm. But the overall throughput is enhanced by a fast 32 bit RISC CPU (SH-3 88 MHz), 16/32 MB DRAM image buffer, and 8 MB Flash Memory for programs and large data file storage.

Ease of use

Access to print head, platen, paper path and sensors is made quick and easy by the wide opening mechanism.

High print quality

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 include high-precision heat history control in 7 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 TEC double ribbon motor system. The on-the-fly ribbon save function allows ribbons to be

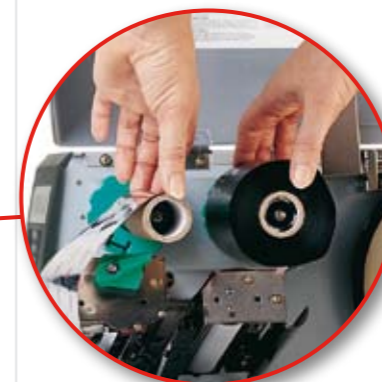


B-SX4 & B-SX5



Suitable Applications

- 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 at a lower total cost of ownership

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.

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).

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.

Full compatibility

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

Enhanced Features

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

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

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. The BCI can also communicate with external devices allowing the easy integration of other technology systems.

Easy connectivity

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
	2-slots PCMCIA interface board
	Wireless LAN 802.11b card
	RFID Enabled

RFID

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.

HF 13.56 MHz

(only available in Europe)
The B-9704-RFID-H1* option enables the printer to encode chips at 13.56 MHz. Current supported chips are C210, C220, C240, C270 (I-Code), Tag-It, ISO15693, and ISO18000 type 3.

UHF 869.5

The B-SX704-RFID-U2* option enables the printer to encode chips at 869.5 MHz. Current supported chips are EPC Class0, Class0+, Class1, Class1 GEN2, and ISO-18000-6-B.

* Subject to certification and frequency regulations in each country.



B-SX6 & B-SX8

TOSHIBA
Leading Innovation >>>

B-SX6 & B-SX8

Specifications

Model	B-SX6	B-SX8
Technology	Thermal Transfer / direct thermal	
Printhead	Edge type	
Resolution	12 dots/mm (305 dpi)	
Print Width	Maximum 170.6 mm	Maximum 213.3 mm
Print Length	Maximum 1705 mm	Maximum 1364 mm
Print Speed	Up to 203 mm/s	
Ribbon Save	Option	Standard
Interfaces	Bidirectional parallel port, USB 2.0, LAN (100BASE), serial port*, wireless LAN*	
Barcodes	UPC/EAN/JAN, Code 39, Code 93, Code 128, EAN 128, NW7, MSI, Industrial 2 of 5, ITF, Postnet, RM4SCC, KIX-code, RSS14, Customer Bar Code	
2D Codes	Data Matrix, PDF 417, Maxicode, QR code, Micro PDF 417, CP Code	
Fonts	Bitmap font (21 fonts), Outline font (4 types), Price font (3 types)	
Optional	Cutter module, strip module, ribbon save module (standard on B-SX8), wireless LAN module, serial interface board, expansion I/O board, RTC (real time clock) metal cover**, RFID kit***	
Dimensions	416 (W) x 289 (D) x 395 (H) mm	
Weight	25 kg (without media and ribbon)	

* Option, ** Available in Europe only, *** Subject to certification and frequency regulations in each country

Customer Benefits

- New and improved connectivity features
- Increased expandability options
- Higher processing speed to improve data processing of large files
- Easy maintenance and low cost of ownership
- Capability to replace legacy systems and competitors products.

Options

- Cutter module: A swing cutter to physically separate labels or continuous media automatically after printing.
- Peel Off module: This module strips the label from the backing paper.
- Expansion I/O Interface board: This option allows connection to external automated systems such as applicators or on-line verifiers.
- Real-time clock
- RFID kit (UHF)***
- Ribbon save (B-SX6 only)

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Thermal transfer ribbons

Toshiba approved thermal transfer ribbons are relied on every day by businesses worldwide, whether it's for mass-produced short-term label printing or for highly specialised identification techniques using advanced resin products.



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* Also links to other Toshiba products including the e-studio series, an evolutionary family of information devices that fit perfectly within commercial information environments.

The B-SX6 and B-SX8 wide web printers from Toshiba with RFID functionality and powerful networking deliver outstanding performance for a wide variety of environments and applications. These innovative industrial printers offer advanced features including extremely fast processing, large internal memory, web printer controls, outstanding SNMP networking tools* and RFID options.

High Performance, Quality Industrial Printers

The Toshiba B-SX6/8 printers with RFID functionality and the ultimate in networking tools.

Speed and Functionality

Utilising ground breaking CPU technology from Toshiba the B-SX6/8 models offer high-speed printing and enhanced processing via an extensive choice of interfaces - including USB and internal LAN. The options of serial, wireless LAN and RFID interfaces provide additional flexibility and choice, making these printers adaptable to the widest variety of environments and applications.

High Print Quality

The B-SX6/8 305 dpi, 170.5 mm / 213.3 mm wide print heads facilitate speedy printing of large format compliance labels. A floating print head mechanism guarantees superb print quality with reduced friction and a flat paper path. The ribbon save function conserves the ribbon when it is not required, reducing costs, the amount of down-time required for ribbon changing (available as standard on the B-SX8) and allowing optimal performance for RFID encoding work.

Future Proofing

For future proofing, the B-SX6/8 printers are compatible with legacy systems, Toshiba or non-Toshiba. With the powerful Basic Command Interpreter (BCI) program, incoming

Rugged wide web RFID-ready printers with peace of mind built in.

data can be manipulated to generate the correct label formats. The BCI can also communicate with external devices allowing the easy integration of other technology systems.

Fully Compatible B-682/882/672/872

Software and supplies are compatible with Toshiba's previous range-topping models - the B-682, B-882, B-672 and B-872 printers. Existing media stock and grades do not need to be changed.

SNMP Tools

The B-SX6 and B-SX8 come with a free Central Network Management Suite that allows the user to:

- Manage all the Toshiba printers attached to the network through their IP address.
- Exhibit system information and firmware versions, allowing firmware to be updated across the network simultaneously.
- View the status of each individual printer connected to the network in real-time with real-time alerts (including viewing web pages).



B-SX6 & B-SX8

Suitable Applications

- Manufacturing
- Automotive
- Heavy Industry
- Steel Industry
- Paper Industry
- Forestry
- Chemical Industry
- Pharmaceutical Industry
- Textile Industry
- Retail Distribution
- Transport and Logistics



- View a graphical display of the alerted error with instructions on the actions necessary to resolve it. It can even give the number of the service call centre when needed.

Lower Cost of Ownership

All Toshiba products are manufactured at Toshiba's own facilities providing the assurance of complete reliability and quality of key components essential for low overall cost of ownership. To lower the cost of ownership further

the B-SX6/8 printers have large internal memory as standard with no requirement for costly PCMCIA boards or ATA memory cards.

Rugged and Robust

A field-proven heavy duty steel cabinet and sturdy inner mechanism combine to offer the B-SX6 and B-SX8 the same robustness and reliability as the rest of the Toshiba SX series of industrial printers. These printers may be used with media inside or externally.

RFID Ready

All of Toshiba's new generation of thermal printers for the industrial environment are RFID ready. This provides not only essential flexibility for the end-user to choose the RFID module that best meets the needs of their business and suppliers, but also ensures a future-proofed printing solution that can evolve and grow with the future demands of the organisation.