B-X82 Series

Enhanced Industrial Printers

Specifications

	B-482	B-682	B-882
Technology	Thermal transfer / Direct thermal		
Printhead	Edge type		
Resolution	12 dots/mm (305 dpi)		
Print Width	Maximum 104 mm	Maximum 170.6 mm	Maximum 213.3 mm
Print Length	8 to 2726 mm	8 to 1705 mm	8 to 1364 mm
Print Speed	up to 203 mm/sec (8 ips)		
Ribbon Save	Standard	Not available	Standard
Interfaces	RS-232C, Centronics, Expansion I/O*, TCP/IP*, PCMCIA*		
Barcodes	UPC/EAN/JAN, Code 39, Code 93, Code 128, NW7, MSI, Industrial 2 of 5, ITF, Postnet, RM4SCC, KIX-code		
2D Codes	Data Matrix, PDF 417, Maxicode, QR code, Micro PDF 417		
Fonts	Times Roman (6 sizes), Helvetica (6 sizes), Presentation (1 size), Letter Gothic (1 size), Prestige Elite (2 sizes), Courier (1 size), OCR (2 types), Outline font (7 types), Writable characters (max. 132 fonts), TrueType Fonts (20 types)*		
Optional	Swing cutter module, rotary cutter module, strip module, PCMCIA board, fanfold paper guide, LAN card, ATA card, expansion I/O port, TrueType font kit	Swing cutter module, strip module, PCMCIA board, LAN card, ATA card, TrueType font kit	Swing cutter module, strip module, PCMCIA board, LAN card, ATA card, TrueType font kit
Dimensions	291 (W) x 460 (D) x 308 (H) mm	417 (W) x 282 (D) x 395 (H) mm	417 (W) x 282 (D) x 395 (H) mm
Weight	17 Kg (Without media and ribbon)	25 Kg (Without media and ribbon)	

*Option

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The B-X82 series builds on the highly successful BX series printers from TOSHIBA TEC. The three models of this series, the B-482, B-682 and B-882, offer many advanced features including faster processing and larger standard memory capacity, as well as web printer control, E-mail, FTP and XML functionality.

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Next Generation

of enhanced industrial printers!

Additionally the Basic Command Interpreter (BCI) turns the B-X82 printers into intelligent terminals capable of receiving and processing raw data before printing.

Main features

Flexible printing
All B-X82 printers can print in thermal transfer or direct thermal modes. They can print various barcodes, characters and graphic data.
They can also store and print writable characters and logos at variable co-ordinates using the TOSHIBA TEC Command Language. Of course, Windows drivers are also readily available.

Leading technology
The TOSHIBA TEC floating printhead mechanism gives superb print quality with reduced friction and a flat paper path. No head pressure adjustments are required to change between different media thicknesses or widths. The heat history control system optimises the pulse signals to the head, extending life and improving image definition. Ribbon save is available as standard on the B-482 and B-882. This conserves the ribbon when it is not required, and therefore reduces costs, and the amount of down-time required for ribbon changing.

Speed and reliability
The B-X82 printers offer fast print speed and processing time up to 2.7 times the throughput of the BX series. They are built using high quality field proven hardware, ensuring excellent reliability and very low cost of ownership.

No wastage
The B-X82 printers are equipped - standard or optionally depending on the model - with a strip unit as well as a ribbon saving function. The Ribbon Save module is not available on the B-682.

Enhanced functions

Several new capabilities are available on the B-X82 Series: 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

Internet
B-X82 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.

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

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
With the powerful Basic Language, the BCI program manipulates incoming print data to generate the correct labels. This allows the printer to be connected to existing legacy systems.

B-482
Intelligent and adaptable high performance printer.

B-882
Large format labelling solution with ribbon saving function as standard.

B-682
Fastest processing wide web printer with Internet functionality, and an automatic switching universal power supply.

Options

The B-X82 series printers can be extended with various modules

Cutter module
A swing cutter to physically separate labels or continuous media automatically after printing.

Strip module
This module strips the label from the backing paper with the take-up block and strip block. This module is standard on the B-372 and B-572.

Fanfold paper guide module (for B-482 only)
This module is intended exclusively for fanfold paper and replaces the standard paper guide.

PCMCIA Interface Board
This board enables combinations of the following PCMCIA cards to be used:
- LAN card 3COM EtherLink III
- ATA card complying with PC ATA standard

Fonts
20 downloadable TrueType Fonts.

Expansion I/O Interface board
This option allows connection to external automated systems such as applicators or on-line verifiers. This module is standard on the B-682 and B-882.

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