

# TOSHIBA

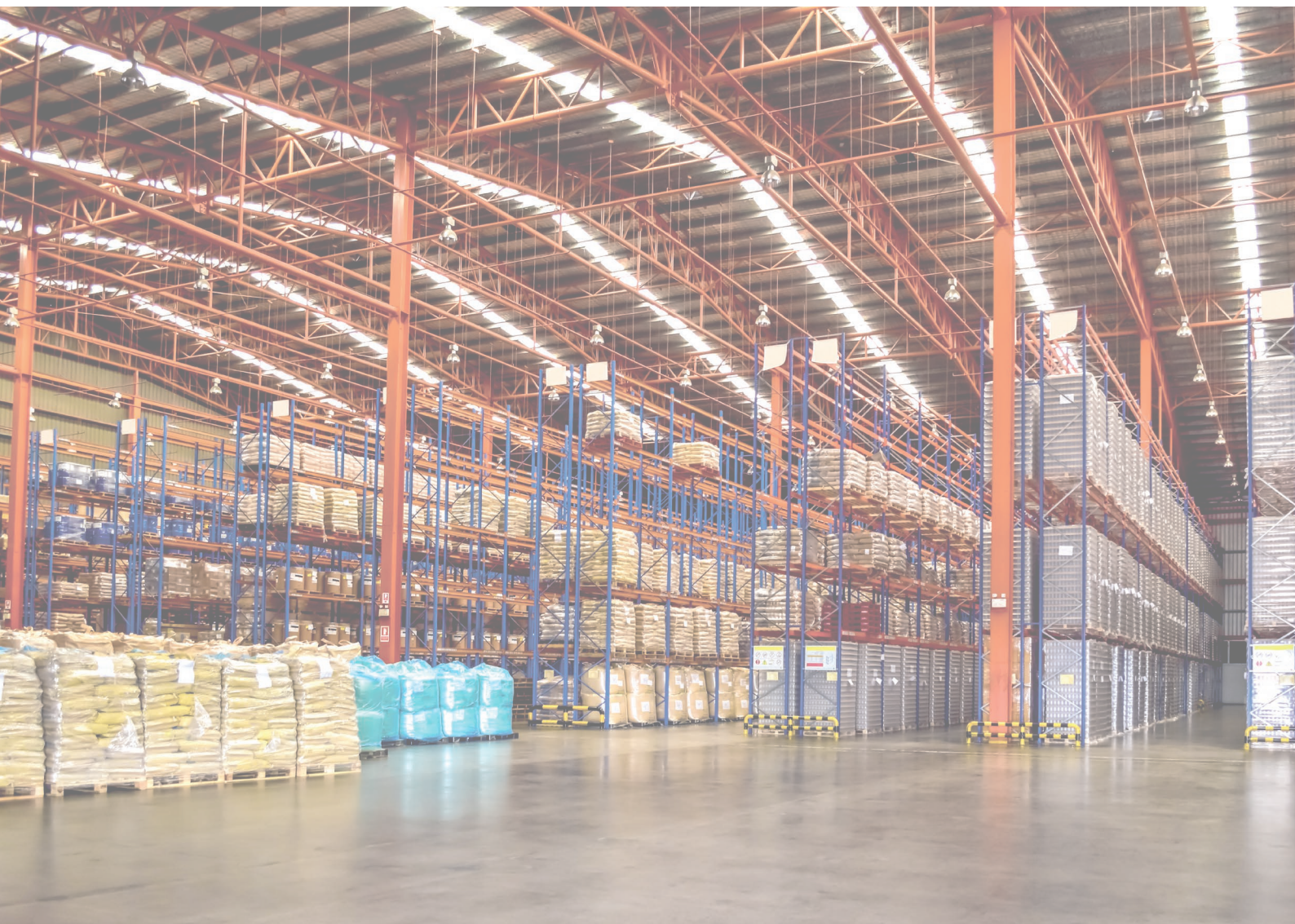
Range Brochure

## Auto-ID Solutions



# Table of Contents

Page	3	Barcode Business Solutions
Page	4	Desktop Printers
Page	5	Linerless Labelling
Page	6	Mobile Printers
Page	7	Next-Gen Industrial Printer BX410T
Page	8-9	Industrial 4" Printers
Page	10-11	Industrial 6" & 8" Printers
Page	12	Label Automation
Page	13	Colour Labelling
Page	14	Consumables
Page	15	Labelling Software & IoT Device Management



# Barcode Business Solutions

## Toshiba thermal barcode eco-systems

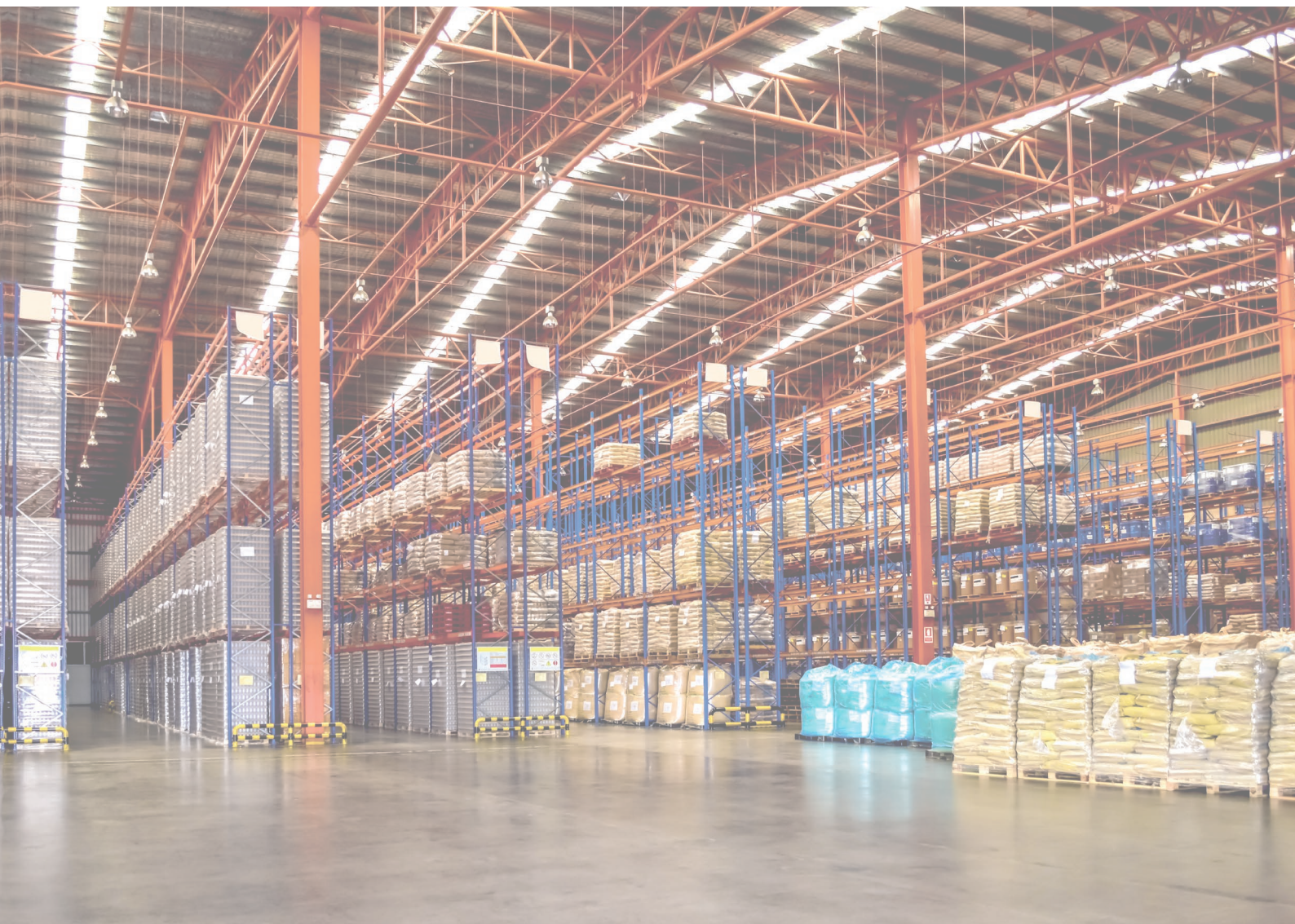
The perfect solution for business critical applications. Whether you need to print receipts, shipping labels or any specialist labels – Toshiba has the perfect solution for all your labelling needs.

For more than 30 years we have created truly innovative products for our customers with the added value of our extensive network of technical assistance. A comprehensive range of products offers customers exceptional advantages plus the built in reliability that comes with the brand Toshiba.

## Your benefit

Decrease your total cost of ownership (TCO) with our field-proven barcode solutions. Our perfectly matched consumables work seamlessly with our products, minimising the wear on print heads and other working parts of the printers.

All our products are designed to improve printing efficiency, while reducing packaging waste and minimising delivery and transportation costs. This not only saves you money, but also helps create a greener tomorrow.



# Desktop Printers

## At your side

For fast, on-demand labelling and ticketing directly on your desktop, look no further – our compact and efficient desktop printers produce professional labels quickly and easily at the touch of a button.

## Applications

Whenever you need a compact and reliable label printer for your day-to-day business, Toshiba's desktop printers are the right choice.

- **Office administration**  
Document archiving, address labels
- **Warehousing, logistics and postal services**  
Parcel tracking, depot management
- **Retail stores & supermarkets**  
Pricing, promotions
- **Healthcare**  
Document, lab sample tracking

	<b>BV410D/BV420D</b>	<b>BV410T/BV420T</b>
	GS/TS	GS/TS
<b>Case</b>	BV410D: White BV420D: Black	BV410T: White BV420T: Black
<b>User interface</b>	BV410D: 2x LED, 3x key, with LCD BV420D: 3x LED, 2x key	BV410T: 2x LED, 3x key, with LCD BV420T: 3x LED, 2x key
<b>Print method</b>	Direct thermal	Direct thermal/Thermal transfer
<b>Print head</b>	Flat head	Flat head
<b>Max. print speed</b>	GS: 177.8 mm/s (7 ips) TS: 127 mm/s (5 ips)	GS: 177.8 mm/s (7 ips) TS: 127 mm/s (5 ips)
<b>Max. print width</b>	GS: 108 mm TS: 105.7 mm	GS: 108 mm TS: 105.7
<b>Resolution</b>	GS: 203 dpi TS: 300 dpi	GS: 203 dpi TS: 300 dpi
<b>Max. print length</b>	997 mm	997.9 mm
<b>Max. ribbon length</b>	-	300 m
<b>Interfaces</b>	USB 2.0, USB host, LAN (10/100-T Base)	USB 2.0, USB Host, LAN (10/100 Base-T)
<b>Language mode</b>	TPCL, Basic Command Interpreter (BCI)	TPCL, Basic Command Interpreter (BCI)
<b>Emulation</b>	ZPL II, DPL, SBPL, EPL2, IPL	ZPL II, DPL, SBPL, EPL2, IPL
<b>Weight</b>	2.0 kg	2.9 kg
<b>Dimensions</b>	174 x 218 x 173 mm	200 x 267 x 198.3 mm
<b>IoT device management</b>	SOTI Connect	SOTI Connect
<b>RFID ready</b>	-	✓ (BV410T only)



# Linerless Labelling

## Simple & Effective

Toshiba linerless printers can print on adhesive labels with no backing paper, reducing waste and keeping the working environment safe and clean. By matching printer hardware together with our linerless label material, Toshiba has created a fully flexible print solution to suit almost any label print requirement.

## Applications

- **Transport & logistics**  
Linerless labels specifically designed for the use on rough cardboard surfaces provide reliable adhesion for direct thermal labels.
- **Quick service & takeaway**  
Saver work environment by eliminating the risk of accidents caused by slipping on waste liner.
- **Food & beverages**  
Linerless labels offer impressive adhesion for labelling prepacked food products even in chill and frozen environments.
- **E-commerce & retail**  
Easy handling of various label sizes without the need to change the label rolls.

### BV420D-GL02

<b>User interface</b>	Linerless printer
<b>Print method</b>	3x LED, 2x key
<b>Print head</b>	Direct thermal
<b>Max. print speed</b>	Flat head
<b>Max. print width</b>	177.8 mm/s (7 ips)
<b>Resolution</b>	99 mm
<b>Max. print length</b>	203 dpi
<b>Interfaces</b>	997 mm
<b>Language mode</b>	USB 2.0, USB host, LAN (10/100 Base-T)
<b>Emulation</b>	TPCL, Basic Command Interpreter (BCI)
<b>Weight</b>	ZPL II, DPL, SBPL, EPL2, IPL
<b>Dimensions</b>	2.6 kg
<b>IoT device management</b>	174 x 288 x 173 mm
	SOTI Connect



# Mobile Printers

## On the move with you

Our mobile printers come in handy when your job requires you to move around. In today's fast moving world it is important to respond quickly, when and where needed.

All our printers were designed to operate in the most diverse working environments. They are robust and durable, yet at the same time easy to use.

## Applications

Toshiba's range of mobile printers covers various possible applications, ensuring you find a perfect match for your needs.

- **Retail**  
Price mark-down, shelf-edge labelling, queue busting, promotions and mobile POS
- **Transport & logistics**  
Shipping labels, invoices, parcel tracking, delivery notes, Route Sales and accounting
- **Hospitality**  
Event & meal tickets, mobile POS
- **Healthcare**  
Mobile pharmacy, patient IDs, document and lab sample
- **Public services**  
Traffic wardens, police, facilities operatives and public transport (tickets, fines, utility billing, metre reading, etc.)
- **Field support**  
PAT testing, receipts for field sales and support charges

	<b>B-FP2D-GH</b>	<b>B-FP3D-GH</b>	<b>B-FP3D-GS</b>	<b>B-EP4DL-GH</b>
<b>Models</b>	GH30: Bluetooth GH50: Bluetooth/WLAN	GH30: USB/Bluetooth GH52: USB/Bluetooth/WLAN	GS32: USB/Bluetooth GS42: USB/WLAN	GH32: Bluetooth GH42: WLAN
<b>Print mode</b>	Batch, peel-off	Batch, peel-off	Batch	Batch, peel-off
<b>Print method</b>	Direct thermal	Direct thermal	Direct thermal	Direct thermal
<b>Print head</b>	Flat head	Flat head	Flat head	Flat head
<b>Max. print speed</b>	152 mm/s (6 ips)	152 mm/s (6 ips)	105 mm/s (4 ips)	105 mm/s (4 ips)
<b>Max. print width</b>	54 mm	72 mm	72 mm	104 mm
<b>Resolution</b>	203 dpi	203 dpi	203 dpi	203 dpi
<b>Max. print length</b>	995 mm	995 mm	995 mm	995 mm
<b>Battery</b>	2,500 mAh	2,500 mAh	2,500 mAh	2,600 mAh
<b>Interfaces</b>	USB 2.0, Bluetooth V2.1 EDR, NFC (for Bluetooth pairing), GH50: WLAN 802.11 a/b/g/n	USB 2.0, GH30: Bluetooth 4.0 BLE, GH52: Bluetooth 2.1 + WLAN802.11 b/g/n	USB 2.0, GS32: Bluetooth 4.0 BLE, GS42: WLAN 802.11 b/g/n	RS232C, USB 2.0, Bluetooth V1.2 EDR, WLAN 802.11 a/b/g/n
<b>Language mode</b>	TPCL, LABEL, RECEIPT, ESC/POS, Basic Command Interpreter (BCI)	TPCL, LABEL, ESC/POS, Basic Command Interpreter (BCI)	TPCL, LABEL, ESC/POS, Basic Command Interpreter (BCI)	TPCL, LABEL, RECEIPT, ESC/POS, Basic Command Interpreter (BCI)
<b>Emulation</b>	ZPL II, SBPL, CPCL	ZPL II, CPCL	ZPL II, CPCL	ZPL II, CPCL
<b>Weight</b>	470 g	660 g	650 g	GH32: 860 g GH42: 865 g
<b>Dimensions</b>	97 x 130 x 69 mm	116 x 150 x 80 mm	116 x 150 x 80 mm	150 x 145 x 75 mm
<b>IoT device management</b>	GH50: SOTI Connect	GH52: SOTI Connect	GS42: SOTI Connect	-



# Next-Gen Industrial Printer – BX410T

## A new standard in industrial printing

Raising the bar for industrial printing, the BX410T series builds on the renowned hardware of its predecessor. Powered by a new dual-core CPU, it runs Toshiba's innovative A-BRID operating platform, delivering smart, cloud-based intelligence for ultimate performance. From high-volume production to seamless everyday operation, the BX410T series combines superior hardware with advanced technology to significantly increase efficiency across your labelling operations.

## Driven by A-BRID

Toshiba's revolutionary A-BRID platform brings cloud-based connectivity, advanced customisation, and seamless integration to barcode and label printing. This innovative system empowers businesses to remotely manage printer fleets, tailor label production to their unique needs, and optimise workflows. With support for PDF direct printing and real-time print data adjustments, A-BRID simplifies operations by eliminating complex programming, making it a versatile and user-friendly label solution for modern industries.



### BX410T

Case	Industrial metal
User interface	Full colour LCD, 2x LED, 11x key
Print method	Direct thermal/Thermal transfer
Print head	Near edge
Max. print speed	356 mm/s (14 ips)
Max. print width	104 mm
Resolution	GS: 203 dpi TS: 305 dpi
Max. print length	1,496 mm
Max. ribbon length	800 m
Interfaces	USB 2.0 HS (USB host/HID support), LAN (10/100/1000 Base-T)
Language mode	TPCL
Emulation	Auto-detection of TPCL, ZPL II, DPL, SBPL, PDF
Weight	17 kg
Dimensions	278 x 310 x 460 mm
IoT device management	e-BRIDGE Cloud Connect
RFID ready	✓

A-BRID

# Industrial 4" Printers

## Keep your industry running

From pallet and container labelling to parts, product, and carton labelling, we have you covered. Our printers are designed to meet your volume requirements while delivering unbeatable value for your investment. At Toshiba, we understand your needs, which is why we offer a complete lineup of industrial printers.

## Toshiba's industrial barcode printer range

With their renowned reliability and long-life print heads, costly downtimes are a thing of the past. The long-life near edge and flat printhead printers ensure that your running costs are kept to a minimum, while the built-in anti-ribbon-wrinkle technology ensures high quality readable barcodes no matter how much you produce day in, day out.

	BA410T/BA420T	B-EX4D2	B-EX4T1
<b>Case</b>	GS/TS BA410T: Industrial metal BA420T: Desktop plastic	GS Industrial metal	GS/TS Industrial metal
<b>User interface</b>	2x LED, 3x key, with LCD	2x LED, 10x key, with LCD	2x LED, 10x key, with LCD
<b>Print method</b>	Direct thermal/Thermal transfer	Direct thermal	Direct thermal/Thermal transfer
<b>Print head</b>	Flat head	Flat head	Near edge
<b>Max. print speed</b>	203 mm/s (8 ips)	305 mm/s (12 ips)	355 mm/s (14 ips)
<b>Max. print width</b>	GS: 104 mm TS: 105.7 mm	104 mm	104 mm
<b>Resolution</b>	GS: 203 dpi TS: 300 dpi	203 dpi	GS: 203 dpi TS: 305 dpi
<b>Max. print length</b>	1,498 mm	1,498 mm	1,498 mm
<b>Max. ribbon length</b>	450 m	-	800 m
<b>Interfaces</b>	USB 2.0, LAN (10/100 Base-T), Bluetooth with MFi, NFC for Bluetooth pairing, Parallel port	USB 2.0, LAN (10/100 Base-T)	USB 2.0, LAN (10/100 Base-T)
<b>Language mode</b>	TPCL, Basic Command Interpreter (BCI)	TPCL, Basic Command Interpreter (BCI)	TPCL, Basic Command Interpreter (BCI)
<b>Emulation</b>	ZPL II, DPL, SBPL, EPL2, IPL	ZPL II, DPL	ZPL II, DPL
<b>Weight</b>	BA410T: 15 kg BA420T: 12 kg	15 kg	17 kg
<b>Dimensions</b>	BA410T: 245 x 414 x 333 mm BA420T: 245 x 350 x 332 mm	278 x 310 x 460 mm	278 x 310 x 460 mm
<b>IoT device management</b>	SOTI Connect	-	-
<b>RFID ready</b>	✓ (BA410T only)	-	✓





## Applications

- **Manufacturing**  
Carton labels, rating labels, products & parts identification
- **Transport, logistics & warehousing**  
Shipping & receiving labels, picking labels, address labels, pallet labels, delivery notes, return labels
- **Healthcare**  
Wristbands, patient IDs, specimen labels, document & lab sample tracking, blood bag labels

	<b>B-EX4T2</b>	<b>B-EX4T3</b>
<b>Case</b>	GS/TS/HS Industrial metal	HS Industrial metal
<b>User interface</b>	2x LED, 10x key, with LCD	2x LED, 10x key, with LCD
<b>Print method</b>	Direct thermal/Thermal transfer	Direct thermal/Thermal transfer
<b>Print head</b>	Flat head	Flat head
<b>Max. print speed</b>	GS/TS: 305 mm/sec (12 ips) HS: 152.4 mm/s (6 ips)	HS: 152.4 mm/s (6 ips)
<b>Max. print width</b>	104 mm	104 mm
<b>Resolution</b>	GS: 203 dpi TS: 300 dpi HS: 600 dpi	600 dpi
<b>Max. print length</b>	1,498 mm	498 mm
<b>Max. ribbon length</b>	800 m	300 m
<b>Interfaces</b>	USB 2.0, LAN (10/100 Base-T)	USB 2.0, LAN (10/100 Base-T)
<b>Language mode</b>	TPCL, Basic Command Interpreter (BCI)	TPCL, Basic Command Interpreter (BCI)
<b>Emulation</b>	ZPL II, DPL	ZPL II
<b>Weight</b>	17 kg	17 kg
<b>Dimensions</b>	278 x 310 x 460 mm	278 x 310 x 460 mm



# Industrial 6" & 8" Printers

## Wide web printing

When it comes to printing pallet labels or large format labels, our 6" and 8" wide web printers ensure consistent high-quality results. Whether you require a high label output or a durable industrial label printer, we are the perfect choice. Don't settle for anything less – choose Toshiba and experience printing excellence in action.

## Applications

- **Transport, logistics & warehousing**  
Shipping/receiving labels, address labels, container labels
- **Manufacturing**  
Carton labels, rating labels, picking labels, parts labels
- **Other industries**  
e.g. Automotive, paper, chemical, pharmaceutical, textile

	<b>B-EX6T1</b>	<b>B-EX6T3</b>
Case	GS/TS Industrial metal	GS/TS Industrial metal
User interface	2x LED, 10x key, with LCD	2x LED, 10x key, with LCD
Print method	Direct thermal/Thermal transfer	Direct thermal/Thermal transfer
Print head	Near edge	Flat head
Max. print speed	305 mm/s (12 ips)	305 mm/s (12 ips)
Max. print width	160 mm	160 mm
Resolution	GS: 203 dpi TS: 305 dpi	GS: 203 dpi TS: 305 dpi
Max. print length	1,490 mm	1,490 mm
Max. ribbon length	800 m	600 m
Interfaces	USB 2.0, LAN (10/100 Base-T), USB Host/RTC	USB 2.0, LAN (10/100 Base-T), USB Host/RTC
Language mode	TPCL, Basic Command Interpreter (BCI)	TPCL, Basic Command Interpreter (BCI)
Emulation	ZPL II, DPL	ZPL II, DPL
Weight	20 kg	20 kg
Dimensions	331 x 460 x 310 mm	331 x 460 x 310 mm
RFID ready	✓	-





### B-852

TS

Case	Industrial metal
User interface	3x LED, 3x key, with LCD
Print method	Direct thermal/Thermal transfer
Print head	Flat head
Max. print speed	101.6 mm/s (4 ips)
Max. print width	216.8 mm
Resolution	300 dpi
Max. print length	640 mm
Max. ribbon length	300 m
Interfaces	USB 2.0, LAN (10/100 Base-T)
Language mode	TPCL, Basic Command Interpreter (BCI)
Emulation	-
Weight	15.6 kg
Dimensions	385 x 181 x 265 mm



### B-SX8T

TS

Case	Industrial metal
User interface	3x LED, 3x key, with LCD
Print method	Direct thermal/Thermal transfer
Print head	Corner edge
Max. print speed	203 mm/s (8 ips)
Max. print width	213.3 mm
Resolution	305 dpi
Max. print length	1,364 mm
Max. ribbon length	300 m
Interfaces	Centronics, USB 2.0, LAN (10/100 Base-T)
Language mode	TPCL, Basic Command Interpreter (BCI)
Emulation	-
Weight	25 kg
Dimensions	416 x 289 x 395 mm



# Label Automation

## Upgrade manual labelling to automatic

Automatic label print and apply system that combines high performance and cost effectiveness. Suitable for a wide variety of industrial and manufacturing based environments due to its design, performance, and low cost of ownership.

- Everything included to make installation and configuration of your automatic labelling system a breeze.
- Easy integration – Our ready-to-go solutions enable in-line operation and increased efficiency of your production line.
- Cost-effective automatic print and apply system for a wide range of applications in a variety of sectors.
- Easy upgrade from manual to automated labelling – Ready to use in just a few hours.

## Applications

The APLEX4 is designed to support all types of industrial environments, adapting easily to existing production lines.

- Automating the labelling process
- Ideal for pallet labels and shipping labels
- Flexible size of boxes, cartons or products on the same line
- Product labelling, processing / food distribution
- Distribution centres receiving /shipping, cross docking
- Courier, transport and logistics

	APLEX4	APLEX6
Application method	Direct tamp, tamp blow	
Label application speed	Up to 30 labels/min.	Up to 20 labels/min.
Piston stroke applicator	Auto height detection	
Working modes	Print & apply Print & wait up/down & apply	
Air pressure	4 - 6 bars / tube-Ø 8 mm, includes internal air filter	
In/out signal	Print / apply / inhibition / test button Ready / Error (optional status light)/ working	
Fixing system	Tube-Ø 50 mm	
Dimensions	365 x 585 x 705 mm	
Options	Light indicator, hand detector, I/O interface, label pad, vacuum sensor, proximity sensor, support column, column adjusters	
Compatible printers	B-EX4D2 B-EX4T1 B-EX4T2 B-EX4T3 BX410T	B-EX6T1 B-EX6T3



# Colour Labelling

## Industrial colour printing

The BC400P delivers the perfect labelling fit for just-in-time productions and short-run manufacturing. Produce the exact quantities you require at any time with the flexibility to change information on the label whenever needed. Pre-printed labels belong to the past. Our digital colour labelling enables a new level of versatility whenever it comes to meeting the requirements of printing variable content.

- Cost-effective and durable colour labelling for highly diverse applications that require to print variable content.
- Produce on-demand the quantities you require at any time with the flexibility to change label information when needed.
- High speed and high image quality printing for your in-house colour labelling needs.
- Toshiba's unique colour printing expertise enables the perfect fit for your colour labelling requirements.

## Applications

- **Food & beverages**  
Short-run personalised & unique labels, fresh food, nutrition facts, shelf edge & allergen labels
- **Chemical**  
GHS labels, warning & safety labels
- **Pharmaceutical & medical**  
specimen labels, patient IDs
- **Manufacturing**  
Individual labels for customised products
- **Retail**  
Shelf price tag, price promotion, product labelling
- **Hospitality**  
Ticketing for events, entry, etc.
- **Wine & spirits**  
Customisable short-run labelling

### BC400P

Colour label printer

<b>Print method</b>	Inkjet
<b>Print head</b>	4x thermal line inkjet heads (Black, Cyan, Magenta, Yellow)
<b>Ink type</b>	Water-based pigment ink
<b>Ink tank capacity</b>	240 ml per colour
<b>Max. print speed</b>	300 mm/s (11.8 ips)
<b>Max. print width</b>	106.3 mm
<b>Resolution</b>	1,200 x 600 dpi, 1,200 x 1,200 dpi
<b>Max. print length</b>	497 mm
<b>Interfaces</b>	USB 2.0, LAN (10/100/1000 Base-T), RS232C (barcode reader connection), RS232C (external device connection)
<b>Language mode</b>	Windows printer driver
<b>Weight</b>	25.5 kg
<b>Dimensions</b>	386 x 570 x 394 mm (with print heads and ink tanks)
<b>Options</b>	Automatic rotary cutter



# Consumables

## The perfect fit

Toshiba branded consumables are designed and manufactured to work in conjunction with our extensive barcode and label printer range. They have been geared to the needs of the different printing technologies to enhance the overall print quality and result in the best possible document output.

## Ribbons

Toshiba ribbons are available in different grades to meet a wide range of printing needs – from mass-produced short-term label printing, up to specialised identification techniques using advanced resin products.

- Tested and certified for the highest quality and durability.
- Wide range of ribbon stock items available for express delivery.
- Our high-end industrial printers have a 600 m ribbon as standard which is 33% longer than other printers on the market.
- Extra-long ribbons of 800 m available to further increase the efficiency of your production line.
- Excellent customer service. We gladly advice you on your unique labelling situation.

## Labels

Our choice of labels ensures that you find your perfect match. Depending on your application and needs, you can choose from a wide range of labels all designed to deliver the best possible quality. Our labels are available from stock in single-box quantities.

## RFID tags

As part of the holistic consumables range Toshiba also offers a large choice of RFID tags opening a wide-range of new applications across multiple markets. We have ready-to-use RFID adhesive labels and hang tags perfectly matched to our RFID printer range

Toshiba's unique RFID technology is incorporated into various printer models, ranging from desktop to industrial. Thanks to this futureproof option and many more features, the complete Toshiba printer range offers solutions that meet the increasing requirements of an ever-changing workplace.



## Labelling Software

### Create, print & manage labels

Whether on-premise or in the cloud, take full control of your label creation, label printing and label management. Enhance your safety, security and efficiency of your labelling applications.

- Improve accuracy, traceability and compliance of your business critical labelling processes.
- Save time and money on label design and management issues.
- Design, manage and centrally access your labels from anywhere.
- Standardise, centralise and digitise your labelling operations.

### BarTender – Powerful labelling

Sophisticated and user-friendly barcoding software which allows you to create, automate and manage labels, barcodes and RFID tags. Suitable for small businesses and enterprises.



### NiceLabel – Cloud & on-premise labelling

All the tools you need to manage your labelling process, from label design and template management to printing, all in one, easy-to-use system.



## IoT Device Management

### Centralised fleet management

Adding support for SOTI Connect to our latest printers enables businesses to trace large printer fleets and overcome printer management challenges such as remote access for firmware updates and automated rule deployment. Organisations can get unparalleled capabilities and efficiency by centrally managing their printer environment through a customisable single pane of glass.

### SOTI Connect

SOTI Connect provides complete lifecycle management for industrial and mobile printers which are relied upon for business-critical processes such as shipping labels, barcode identifications, transaction receipts and more. Organisations may have different printes at different locations performing different functions. As such, they require a single point of control to manage them all with speed and efficiency.



## About Toshiba Tec

Toshiba Tec Germany Imaging Systems GmbH is part of the globally operating Toshiba Tec Corporation, active in various high-tech industrial sectors.

Toshiba Tec Corporation is a leading provider of information technology, operating across multiple industries - ranging from retail, education and business services to hospitality and manufacturing. With headquarters in Japan and over 70 subsidiaries worldwide, Toshiba Tec Corporation helps organisations transform the way they create, record, share, manage and display information.

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