

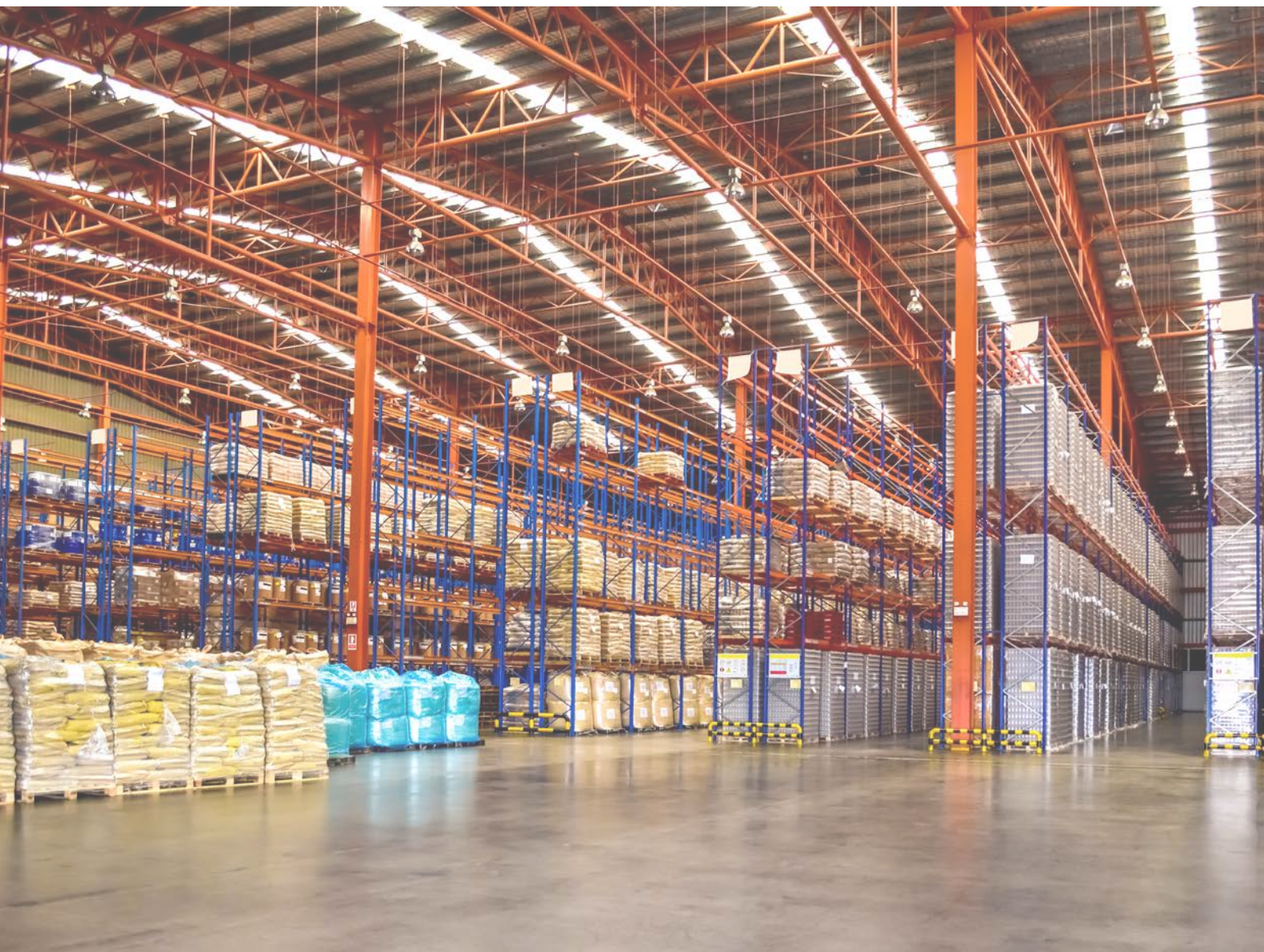
Auto-ID Solutions Range Brochure

- Ultra-reliable industrial printers
- Mobile label printers
- Cost-effective label automation
- Flexible linerless labelling
- Smart labelling software
- Off-the-shelf printer supplies



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Barcode Business Solutions

Toshiba thermal barcode eco-systems

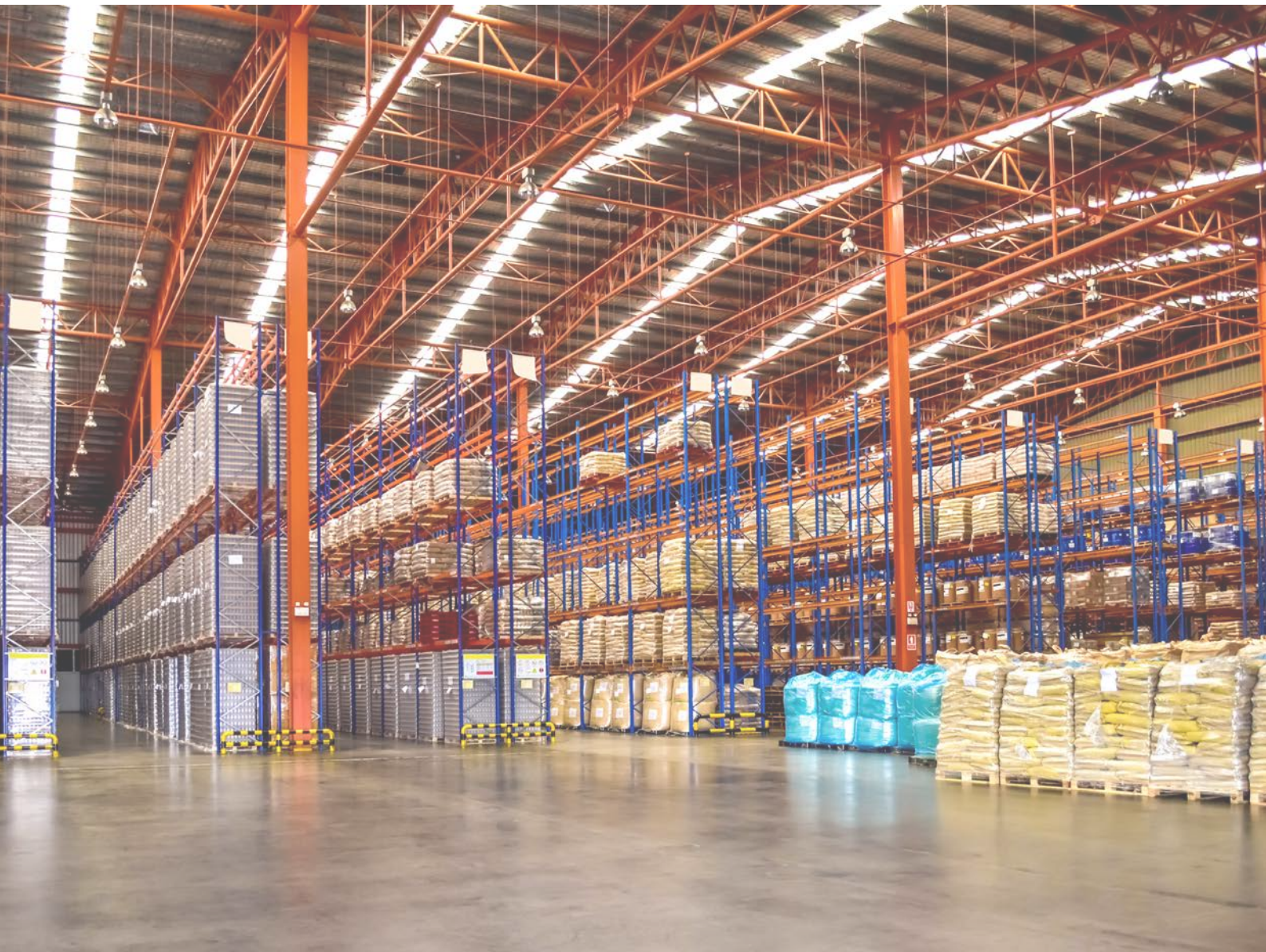
The perfect solution for business critical applications. Whether you need to print receipts, shipping labels or any specialist labels – Toshiba has the perfect solution for all your labelling needs.

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

Specifications

	B-FV4D	B-FV4T
Case	White	White
User interface	2x LED, 1x key	2x LED, 1x key
Print method	Direct thermal	B-FV4T: Direct thermal/Thermal transfer
Print head	Flat head	Flat head
Max. print speed	GS: 152.4 mm/s (6 ips) TS: 101.6 mm/s (4 ips)	GS: 152.4 mm/s (6 ips) TS: 101.6 mm/s (4 ips)
Max. print width	GS: 108 mm TS: 105,7 mm	GS: 108 mm TS: 105,7 mm
Resolution	GS: 203 dpi TS: 300 dpi	"GS/GL: 203 dpi TS: 300 dpi"
Max. print length	997 mm	997 mm
Max. ribbon length	-	300 m
Interfaces	USB 2.0, LAN (10/100 Base) (IPv4 & IPv6), RS-232-C	USB 2.0, LAN (10/100 Base) (IPv4 & IPv6), RS-232-C
Language mode	TPCL, Basic Command Interpreter (BCI)	TPCL, Basic Command Interpreter (BCI)
Emulation	ZPL II, EPL2, DPL	ZPL II, EPL2, DPL
Weight	1.8 kg	2.4 kg
Dimensions	GS/TS: 184 x 166 x 226 mm	220 x 182 x 279 mm





BV410D/BV420D

	GS/TS
Case	BV410D: White BV420D: Black
User interface	BV410D: 2x LED, 3x key, with LCD BV420D: 3x LED, 2x key
Print method	Direct thermal
Print head	Flat head
Max. print speed	GS: 177.8 mm/s (7 ips) TS: 127 mm/s (5 ips)
Max. print width	GS: 108 mm TS: 105,7 mm
Resolution	GS: 203 dpi TS: 300 dpi
Max. print length	997 mm
Max. ribbon length	-
Interfaces	USB 2.0, LAN (10/100 Base) (IPv4 & IPv6)
Language mode	TPCL, Basic Command Interpreter (BCI)
Emulation	ZPL II, DPL, SBPL, EPL2, IPL
Weight	2.0 kg
Dimensions	174 x 218 x 173 mm
IoT device management	SOTI Connect
RFID ready	-



BV410T/BV420T

	GS/TS
	BV410T: White BV420T: Black
	BV410T: 2x LED, 3x key, with LCD BV420T: 3x LED, 2x key
	Direct thermal/Thermal transfer
	Flat head
	GS: 177.8 mm/s (7 ips) TS: 127 mm/s (5 ips)
	GS: 108 mm TS: 105.7
	GS: 203 dpi TS: 300 dpi
	997.9 mm
	300 m
	USB 2.0, USB Host, Ethernet 10/100 Base T (IPv4 & IPv6),
	TPCL, Basic Command Interpreter (BCI)
	ZPL II, DPL, SBPL, EPL2, IPL
	2.9 kg
	200 x 267 x 198.3 mm
	SOTI Connect
	✓ (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.

Specifications

BV420D-GL02

Linerless printer

User interface	3x LED, 2x key
Print method	Direct thermal
Print head	Flat head
Max. print speed	177.8 mm/s (7 ips)
Max. print width	99 mm
Resolution	203 dpi
Max. print length	997 mm
Interfaces	USB 2.0, LAN (10/100 Base) (IPv4 & IPv6)
Language mode	TPCL, Basic Command Interpreter (BCI)
Emulation	ZPL II, DPL, SBPL, EPL2, IPL
Weight	2.6 kg
Dimensions	174 x 288 x 173 mm
IoT device management	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-FP2D-GH	B-FP3D-GH	B-FP3D-GS	B-EP4DL-GH
Models	GH30: Bluetooth GH50: Bluetooth/WLAN	GH30: USB/Bluetooth GH52: USB/Bluetooth/WLAN	GS32: USB/Bluetooth GS42: USB/WLAN	GH32: Bluetooth GH42: WLAN
Print mode	Batch, peel-off	Batch, peel-off	Batch	Batch, peel-off
Print method	Direct thermal	Direct thermal	Direct thermal	Direct thermal
Print head	Flat head	Flat head	Flat head	Flat head
Max. print speed	152 mm/s (6 ips)	152 mm/s (6 ips)	105 mm/s (4 ips)	105 mm/s (4 ips)
Max. print width	54 mm	72 mm	72 mm	104 mm
Resolution	203 dpi	203 dpi	203 dpi	203 dpi
Max. print length	995 mm	995 mm	995 mm	995 mm
Battery	2,500 mAh	2,500 mAh	2,500 mAh	2,600 mAh
Interfaces	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+ WLAN 802.11 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
Language mode	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)
Emulation	ZPL II, SBPL, CPCL	ZPL II, CPCL	ZPL II, CPCL	ZPL II, CPCL
Weight	470 g	660 g	650 g	GH32: 860 g GH42: 865 g
Dimensions	97 x 130 x 69 mm	116 x 150 x 80 mm	116 x 150 x 80 mm	150 x 145 x 75 mm
IoT device management	GH50: SOTI Connect	GH52: SOTI Connect	GS42: SOTI Connect	-



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.

Specifications

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



Applications

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

	B-EX4T2	B-EX4T3
Case	Industrial metal	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	Flat head	Flat head
Max. print speed	"GS/TS: 305 mm/sec (12 ips) HS: 152.4 mm/s (6 ips)"	HS: 152.4 mm/s (6 ips)
Max. print width	104 mm	104 mm
Resolution	GS: 203 dpi TS: 300 dpi HS: 600 dpi	600 dpi
Max. print length	1,498 mm	498 mm
Max. ribbon length	800 m	300 m
Interfaces	USB 2.0, LAN (10/100 Base)	USB 2.0, LAN (10/100 Base)
Language mode	TPCL, Basic Command Interpreter (BCI)	TPCL, Basic Command Interpreter (BCI)
Emulation	ZPL II, DPL	ZPL II
Weight	17 kg	17 kg
Dimensions	278 x 310 x 460 mm	278 x 310 x 460 mm



Industrial 6" and 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.

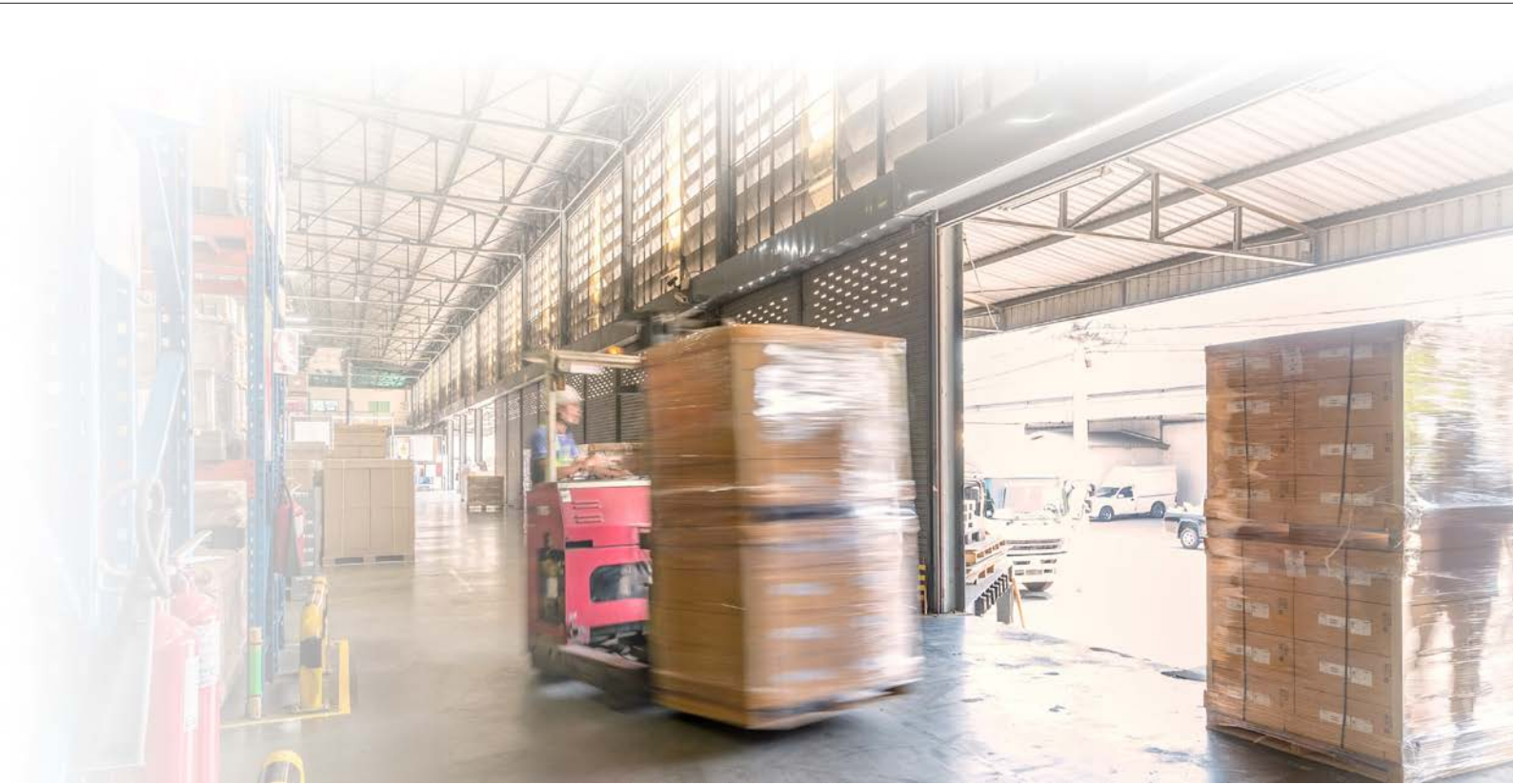
Applications

- **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

Specifications

	B-EX6T1	B-EX6T3
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), IPv6, USB Host/RTC	USB 2.0, LAN (10/100 Base), IPv6, 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
 Industrial metal
 3x LED, 3x key, with LCD
 Direct thermal/Thermal transfer
 Flat head
 101.6 mm/s (4 ips)
 216.8 mm
 300 dpi
 640 mm
 300 m
 USB 2.0, LAN (10/100 Base)
 TPCL, Basic Command Interpreter (BCI)
 -
 15.6 kg
 385 x 181 x 265 mm

Case
 User interface
 Print method
 Print head
 Max. print speed
 Max. print width
 Resolution
 Max. print length
 Max. ribbon length
 Interfaces
 Language mode
 Emulation
 Weight
 Dimensions



B-SX8T

TS
 Industrial metal
 3x LED, 3x key, with LCD
 Direct thermal/Thermal transfer
 Corner edge
 203 mm/s (8 ips)
 213.3 mm
 305 dpi
 1.364 mm
 300 m
 Centronics, USB 2.0, LAN (10/100 Base)
 TPCL, Basic Command Interpreter (BCI)
 -
 25 kg
 416 x 289 x 395 mm

Case
 User interface
 Print method
 Print head
 Max. print speed
 Max. print width
 Resolution
 Max. print length
 Max. ribbon length
 Interfaces
 Language mode
 Emulation
 Weight
 Dimensions



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

Specifications

	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	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

Print method	Inkjet
Print head	4x thermal line inkjet heads (Black, Cyan, Magenta, Yellow)
Ink type	Water-based pigment ink
Ink tank capacity	240 ml per colour
Max. print speed	300 mm/s (11.8 ips)
Max. print width	106.3 mm
Resolution	1,200 x 600 dpi, 1,200 x 1,200 dpi
Max. print length	497 mm
Interfaces	USB 2.0, LAN (10/100/1000 Base), RS232C (barcode reader connection), RS232C (external device connection)
Language mode	TPCL, Basic Command Interpreter (BCI)
Weight	25.5 kg
Dimensions	386 x 570 x 394 mm (with print heads and ink tanks)
Options	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 printers 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 UK Imaging Systems Ltd 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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Together Information is Toshiba's vision for how people and organisations create, record, share, manage and display ideas and data.

It is based on our belief that the most successful organisations are those that communicate information in the most efficient way.

We make that possible through an integrated portfolio of industry-specific solutions, all of which reflect Toshiba's commitment to the future of the planet.