Professional Labelling Machine with USB and Wi-Fi Connectivity

Design and print durable labels using the graphic display and professional keyboard, or from your PC, Mac, smartphone or tablet.

- Create durable labels up to 36mm in width
- High speed and high resolution printing
- Wi-Fi connectivity to print labels from tablets/smartphones
- Professional keyboard with integrated graphic backlit LCD
- Many built-in label templates for easy label creation
- Advanced cutter with easy label peel function
- PC/Mac software and iOS/Android label design apps available
- Integrated carrying handle and storage area for additional tape cassettes
- Optional Li-Ion rechargeable battery available

www.brother.eu

The PT-D800W is a professional labelling machine that produces labels up to 36mm in width. Print text, barcodes, images and logos onto laminated, durable labels that are suitable for indoor or outdoor use. Alternatively connect by USB or Wi-Fi to design labels on your PC, Mac, smartphone or tablet using the free label design software and apps available.

P-touch

Key features at a glance

Prints durable labels from 3.5mm to 36mm in width

Large 32mm print height for near edge-to-edge printing

360dpi print resolution for crisp text, images and barcodes

High speed printing of up to 60mm/second

USB and Wi-Fi connectivity

Large backlit graphic display for quick and simple label editing

Professional laptop-style keyboard for fast text entry

Advanced cutter creates easy-peel labels in a continuous strip

Includes free professional desktop label design software for PC/Mac

Merge text contained in Excel and .csv files to easily batch print many labels at once

Prints 1D and 2D industry standard barcodes

Free iOS/Android label apps to print labels from smartphones/tablets

Integrated carrying handle and tape storage area for portable use

Optional battery base and Li-ion rechargeable battery

Professional label printing wherever and whenever needed

With a wide range of tape colour combinations and widths, and high speed/high resolution print capabilities, the PT-D800W is ideal for cable marking, facilities management, document archiving, asset labelling and creating on-demand labels whenever and wherever required. Choose from the many built-in label creation options, or use USB or Wi-Fi connectivity to design and print labels from your PC/Mac, or on your iOS/Android smartphone or tablet.

Advanced print engine for fast, efficient labelling

The PT-D800W produces labels from 3.5mm up to 36mm wide, and with a 32mm print height offers near edge-to-edge printing, minimising the margins around the outside of your labels. A print speed of up to 60mm/second dramatically reduces the printing time normally associated with other label printers – particularly useful when using the advanced cutter to produce a long strip of labels that are easily peeled one-at-a-time, and ensures your labels are kept in the correct order
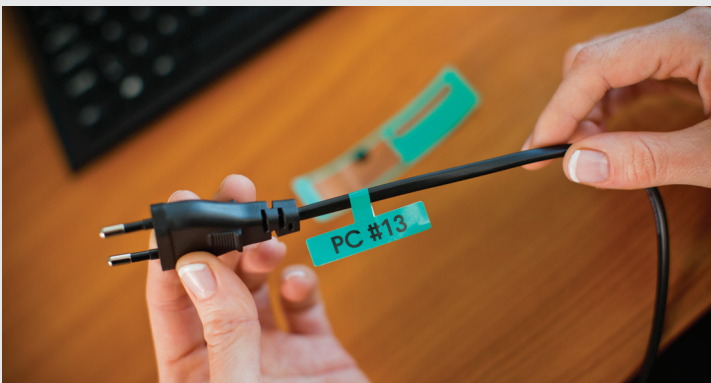

Optional accessories

PA-BB-003

Battery base for lithium-ion battery

PA-BT-4000LI

Lithium-ion rechargeable battery

Industrial label design software for PC and Mac

P-touch Editor offers powerful label design software for Windows and Mac. It boasts advanced features normally found in expensive desktop applications such as industry standard 1D and 2D barcodes, import of logos and other graphics, and allows you to use the fonts installed on your computer. Link to a Microsoft Excel® spreadsheet or a .csv file to print multiple labels quickly and efficiently.

Wireless connectivity for ultimate flexibility

Create and print labels from your smartphone or tablet quickly without needing to boot your PC or Mac. The Brother iPrint&Label app connects wirelessly using Wi-Fi direct to let you design simple labels on your iOS or Android device. Or if you need to identify electrical and data cabling and equipment, use the specialised Brother Cable Label Tool app to quickly print labels for wrapping around cables or for sticking to faceplates, electrical distribution boards, cabinets, servers and other equipment. The PT-D800W can also be connected to your office wireless network, and allow multiple users to print labels from their PC or Mac whenever required.

Store your own label templates and logos for use any time

Create a label design template on your PC, then transfer to the built-in memory of the PT-D800W. This powerful feature lets you edit the text before printing, ensuring your labels all use the same uniform format. You can also upload your own images such as company logos or specialist symbols for printing away from your PC

Portable solution to create labels wherever required

Featuring a full-size laptop style keyboard with integrated easy-to-read graphic display, the PT-D800W can be used on-site to instantly create durable labels on demand. Use the many built-in templates, block layouts and hundreds of office and industrial symbols to quickly create labels for any application. The built-in carrying handle and storage area for tape cassettes and AC adapter mean you can easily take the PT-D800W on-site, wherever required. Attach the optional battery base and rechargeable lithium-ion battery pack to allow label printing wherever and whenever required.
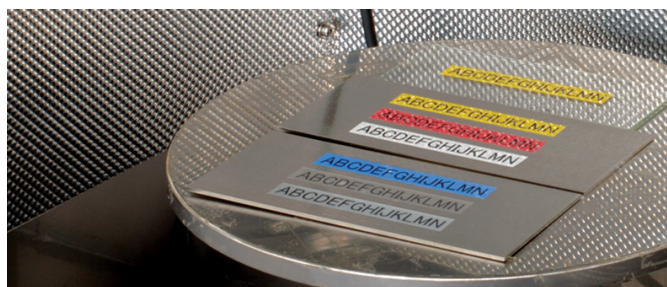
Brother P-touch TZe laminated labels

Unlike ordinary labels, Brother P-touch laminated TZe tapes consist of six layers of materials, resulting in a thin, extremely strong label. Characters are formed with a thermal transfer ink and sandwiched between two protective layers of PET (polyester film). We've tested them to the extreme, against the effects of abrasion, temperature, chemicals and sunlight. Results prove that Brother P-touch laminated labels out-perform competitor labels, so you can be confident of a professional quality label that has been designed to last.

Tested to the extreme

Brother P-touch laminated labels were tested under laboratory conditions and a summary of the results can be found below. More detailed information on the tests is available upon request.
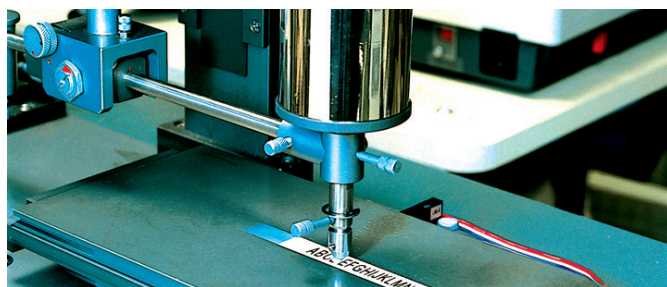

Temperature resistant: laminated labels were subjected to temperatures ranging from -80C to +150C for 240 hours, and the text was found to be unaffected.

Fade resistant: after laminated labels were placed in a fade-inducing chamber to simulate a year in sunny surroundings, the text was unaffected

Water and chemical resistant: glass plates with laminated labels attached were immersed in water and various chemicals for two hours. The text was unaffected

Abrasion resistant: after a 1kg sanding device was passed over the laminated labels 50 times, the text was unaffected

P-touch LABELS TESTED TO THE EXTREME ✓

| Laminated | Temperature Resistant | Water Resistant | Fade Resistant | Abrasion Resistant | Chemical Resistant | Easy Peel | Strong Adhesive |

TZe Tape range

3,5 mm	6 mm	9 mm	12 mm	18 mm	24 mm	36 mm
Standard laminated (8 metres / *4 metres)						
	TZe-111	TZe-121	TZe-131 / 131S*	TZe-141	TZe-151	TZe-161
			TZe-132			
			TZe-133			
			TZe-135	TZe-145		
	TZe-211	TZe-221	TZe-231 / 231S*	TZe-241	TZe-251	TZe-261
		TZe-222	TZe-232	TZe-242	TZe-252	TZe-262
		TZe-223	TZe-233	TZe-243	TZe-253	TZe-263
			TZe-334	TZe-344	TZe-354	
	TZe-315	TZe-325	TZe-335	TZe-345	TZe-355	TZe-365
		TZe-421	TZe-431	TZe-441	TZe-451	TZe-461
			TZe-435			
		TZe-521	TZe-531	TZe-541	TZe-551	TZe-561
			TZe-535		TZe-555	
	TZe-611	TZe-621	TZe-631 / 631S*	TZe-641	TZe-651	TZe-661
		TZe-721	TZe-731	TZe-741	TZe-751	
Fluorescent Laminated - 5 m						
			TZe-B31		TZe-B51	
			TZe-C31		TZe-C51	
Matt Laminated - 8 m						
			TZe-M31			
			TZe-MQL35**			
			TZe-MQP35**			
			TZe-MQG35**			
Metallic Laminated - 8 m						
		TZe-M921	TZe-M931		TZe-M951	TZe-M961
Non-Laminated - 8 m						
TZe-N201		TZe-N221	TZe-N231	TZe-N241	TZe-N251	
Flexible ID Laminated - 8 m						
	TZe-FX211	TZe-FX221	TZe-FX231	TZe-FX241	TZe-FX251	TZe-FX261
	TZe-FX611	TZe-FX621	TZe-FX631	TZe-FX641	TZe-FX651	TZe-FX661
Strong Adhesive Laminated - 8 m						
		TZe-S121	TZe-S131	TZe-S141	TZe-S151	
	TZe-S211	TZe-S221	TZe-S231	TZe-S241	TZe-S251	TZe-S261
		TZe-S621	TZe-S631	TZe-S641	TZe-S651	
Fabric - 3 m						
			TZe-FA3	TZe-FA4B		
Security Laminated - 8 m						
				TZe-SE4		

HSe heat-shrink tube range (1.5 metres)

5,8 mm	8,8 mm	11,7 mm	17,7 mm	23,6 mm
HSe-211	HSe-221	HSe-231	HSe-241	HSe-251

(Tape availability differs by country)

FLe die-cut label range (72 labels)

45mm x 21mm
FLe-2511
FLe-6511
FLe-7511

Specifications

Main Features

Prints labels up to 36mm in width | Maximum print height of 32mm for near edge-to-edge printing

360dpi print resolution for crisp, legible text, images and barcodes

Fast print speed of 60mm/second

Built-in automatic label cutter with easy-peel function

Minimum label length: 5mm | Maximum label length: 1 metre

Large backlit graphic LCD - 17 characters x 4 lines

Built-in clock to include date/time on your labels

Full size detachable keyboard with professional PC style keys

Connectivity: Wired

USB: Windows®(USB1.1, 2.0, 3.0 protocol) | Mac (USB 1.0, 2.0 protocol)

Connectivity: Wireless

Wireless Direct: IEEE802.11n | Ad-Hoc mode: IEEE802.11b | Infrastructure mode: IEEE802.11b/g/n | WPS 2.0

Label creation (using built-in functions)

14 fonts with 12 character styles

99 frames and 465 symbols to further customise your labels

Large text buffer of 1,500 characters per label

99 memory locations to store frequently used labels

35 label auto formats and 32 block layouts to speed up label design

Special functions to create labels for cables, patch panels and faceplates

Label creation (PC/Mac)

Uses P-touch Editor professional label design software

Link to data stored in Microsoft® Excel® (Windows®) and .csv (Mac) files, to print multiple labels efficiently

Choose any of the fonts installed on your PC/Mac

Supports popular image formats (.bmp, .dib, .jpg, .tif, .ico, .wmf)

Includes hundreds of frames and symbols to customise your label

Supports industry standard barcode protocols

Label creation (iOS/Android)

Free iPrint&Label app is available for general labelling applications

Free Cable Label Tool app is available for easy labelling of cables, patch panels, faceplates and switches

Barcode protocols supported

1D: CODE39, CODE128, ITF 2/5, EAN13, EAN8, UPC-A, UPC-E, CODABAR, GS1-128 (UCC/EAN128)

2D: QR Code, PDF417, Data Matrix, Aztec Code, RSS-14 (Standard, Truncated, Stacked, StackedOmni), RSS-Limited, RSS Expanded (Standard, Stacked)

Dimensions and weights

337mm (w) x 188mm (d) x 173mm (h) | 3.4kg

Supplied with printer

36mm black on white laminated label cassette (8m)

AC adapter

2 x USB cable (to connect to PC/Mac and to supplied keyboard)

User guide

Tape types supported

TZe tape cassettes: 3.5mm-36mm

HSe heat-shrink tube: 5.8mm-23.6mm

FLe die-cut labels: 45mm x 21mm size

System Requirements
Operating Systems: Microsoft® Windows Vista® | Microsoft® Windows® 7 | Microsoft® Windows® 8 | Microsoft® Windows® 8.1
Microsoft® Windows® 10 | Microsoft® Windows Server® 2008 | Microsoft® Windows Server® 2008 R2 | Microsoft® Windows Server® 2012
Microsoft® Windows Server® 2012 R2 | Mac OS X 10.9.5/10.10.x/10.11.x
Hard disk space: Windows®: More than 70MB | Mac: More than 500MB
System memory: As per operating system requirements
Microsoft® Office® support for P-touch add-in:
Microsoft® Word 2007/2010/2013/2016 | Microsoft® Excel® 2007/2010/2013/2016 | Microsoft® Outlook® 2007/2010/2013/2016

Contact: