

TJ Series Durable industrial label printers

The industrial label printer range specifications

Keep up with increasing demand with Brother's range of reliable 4 and 6 inch width industrial label printers – Built for you and built to last.

Print more than 1,000 labels a day with the TJ series, offering two print resolutions and print speeds of up to 14ips. In addition, there are a range of LED, LCD and touch panel displays to choose from, all designed with the user in mind.

Durable industrial label printer
with LED indicator



4 inch

Printer status LED indicator
203dpi resolution
Up to 6ips print speed
Print width of up to 107mm
FBPL-EZD (EPL2, ZPL2, DPL) supported
USB, USB Host, Serial, Ethernet and optional Wi-Fi*

TJ-4005DN

Durable industrial label printer
with LED indicator



4 inch

Printer status LED indicator
203dpi resolution
Up to 10ips print speed
Print width of up to 107mm
FBPL-EZD (EPL2, ZPL2, DPL) supported
450m ribbon capacity
USB, USB Host, Serial, Ethernet and optional Wi-Fi*

TJ-4020TN

Durable, high-resolution industrial label
printer with LED indicator



4 inch

Printer status LED indicator
300dpi resolution
Up to 7ips print speed
Print width of up to 105.7mm
FBPL-EZD (EPL2, ZPL2, DPL) supported
450m ribbon capacity
USB, USB Host, Serial, Ethernet and optional Wi-Fi*

TJ-4120TN

Durable industrial label printer
with touch panel display



4 inch

Touch panel display
203dpi resolution
Up to 10ips print speed
Print width of up to 107mm
FBPL-EZD (EPL2, ZPL2, DPL) supported
450m ribbon capacity
USB, USB Host, Serial, Ethernet and optional Wi-Fi*

TJ-4021TN

Durable, high-resolution industrial label printer with touch panel display



4 inch

Touch panel display
300dpi resolution
Up to 7ips print speed
Print width of up to 105.7mm
FBPL-EZD (EPL2, ZPL2, DPL) supported
450m ribbon capacity
USB, USB Host, Serial, Ethernet and optional Wi-Fi*

TJ-4121TN

Super fast and durable industrial label printer with LCD display



4 inch

LCD display
203dpi resolution
Up to 14ips print speed
Print width of up to 104mm
FBPL-EZD (EPL2, ZPL2, DPL) supported
600m ribbon capacity
USB, USB Host, Serial, Ethernet and optional Wi-Fi and Bluetooth*

TJ-4420TN

High quality, fast and durable industrial label printer with LCD display



4 inch

LCD display
300dpi resolution
Up to 12ips print speed
Print width of up to 104mm
FBPL-EZD (EPL2, ZPL2, DPL) supported
600m ribbon capacity
USB, USB Host, Serial, Ethernet and optional Wi-Fi and Bluetooth*

TJ-4520TN

Super fast and durable industrial label printer with touch panel display and internal rewinder



4 inch

Internal rewinder
Touch panel display
203dpi resolution
Up to 14ips print speed
Print width of up to 104mm
FBPL-EZD (EPL2, ZPL2, DPL) supported
600m ribbon capacity
USB, USB Host, Serial, Ethernet and optional Wi-Fi and Bluetooth*

TJ-4422TN

* Wi-Fi and Bluetooth connectivity options are purchased separately

Why would a customer want an internal rewinder?

The internal rewinder enables users to print as many labels as needed, for use whenever required. The labels are instantly rewound as they print into a neat roll inside the printer, ensuring no mess is created and the printed label roll is ready to be collected when needed.

High quality, fast and durable industrial label printer with touch panel display and internal rewinder



4 inch

- Internal rewinder
- Touch panel display
- 300dpi resolution
- Up to 12ips print speed
- Print width of up to 104mm
- FBPL-EZD (EPL2, ZPL2, DPL) supported
- 450m ribbon capacity
- USB, USB Host, Serial, Ethernet and optional Wi-Fi and Bluetooth*

TJ-4522TN

TJ Industrial label printers.

**Strong dependable
label printers for
wider 6 inch labels**



Reliable 6 inch industrial label printer for rapid printing



6 inch

- Touch panel display
- 203dpi resolution
- Up to 12ips print speed
- Print width of up to 168mm
- FBPL-EZD (EPL2, ZPL2, DPL) supported
- 450m ribbon capacity
- USB, USB Host, Serial, Ethernet and optional Wi-Fi and Bluetooth*

TJ-6421TN

Professional industrial 6 inch label printing at the best print quality



6 inch

- Touch panel display
- 300dpi resolution
- Up to 10ips print speed
- Print width of up to 168mm
- FBPL-EZD (EPL2, ZPL2, DPL) supported
- 450m ribbon capacity
- USB, USB Host, Serial, Ethernet and optional Wi-Fi and Bluetooth*

TJ-6521TN

* Wi-Fi and Bluetooth connectivity options are purchased separately

Brother's 6 inch Industrial label printers, are the label printers to increase operational efficiency, suitable for SSCC pallet labelling, large shelf edge ID codes or parts manufacturing. These label printers can be configured with multiple options to flex to your business needs.

4 Inch

Accessories

PA-CU-004 *

Cutter

TJ-4005DN TJ-4020TN
TJ-4120TN TJ-4021TN
TJ-4121TN



PA-CU-005 *

Cutter

TJ-4420TN
TJ-4520TN



PA-LP-005 *

Peeler

TJ-4005DN TJ-4020TN
TJ-4120TN TJ-4021TN
TJ-4121TN



PA-LP-006 *

Peeler

TJ-4420TN TJ-4520TN



PA-WI-002

WLAN Interface
(WiFi)

TJ-4005DN TJ-4020TN
TJ-4120TN TJ-4021TN
TJ-4121TN



PA-WB-001

Dual Interface
(WiFi and Bluetooth)

TJ-4420TN TJ-4520TN
TJ-4422TN TJ-4522TN



BPA-HA2L-004 *

Thermal Print
Head (203 dpi)

TJ-4005DN
TJ-4020TN
TJ-4021TN



BPA-HA2M-004 *

Thermal Print
Head (203 dpi)

TJ-4420TN
TJ-4422TN



BPA-HA3L-004 *

Thermal Print
Head (300 dpi)

TJ-4120TN
TJ-4121TN



BPA-HA3M-004 *

Thermal Print
Head (300 dpi)

TJ-4520TN
TJ-4522TN



BPA-PRL-004 *

Platen Roller

TJ-4005DN TJ-4020TN
TJ-4120TN TJ-4021TN
TJ-4121TN



BPA-PRM-004 *

Platen Roller

TJ-4420TN TJ-4520TN
TJ-4422TN TJ-4522TN



6 Inch

Accessories

PA-CU-008 *

Cutter

TJ-6421TN
TJ-6521TN



PA-LP-009 *

Peeler

TJ-6421TN
TJ-6521TN



PA-RW-001 *

Internal Rewinder
5 inch OD

TJ-6421TN
TJ-6521TN



PA-WB-001

Dual Interface
(WiFi and Bluetooth)

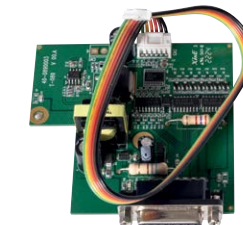
TJ-6421TN
TJ-6521TN



PA-GP-003 *

GPIO interface

TJ-6421TN
TJ-6521TN



TJ Series

brief summary

TJ-4420TN	TJ-4520TN	TJ-4422TN	TJ-4522TN	TJ-6421TN	TJ-6521TN
TJ Series - 4 Inch				6 Inch	

Printing

Print technology	Direct Thermal and Thermal Transfer					
Print resolution	203dpi	300dpi	203dpi	300dpi	203dpi	300dpi
Print speed	14 ips (356mm/sec)	12 ips (305mm/sec)	14 ips (356mm/sec)	12 ips (305mm/sec)	12 ips (305mm/sec)	10 ips (254mm/sec)
Max print width	104mm				168mm	
Max print length	25400mm	11,430mm	25,400mm	11,430mm	14,732mm	6,604mm
Min print length	5mm				10mm	
Media sensor type	Gap transmissive (position adjustable), Black mark reflective (position adjustable), Head open transmissive, Ribbon encoder reflective, Ribbon end transmissive		Gap transmissive (position adjustable), Black mark reflective (position adjustable), Head open transmissive, Ribbon encoder reflective, Ribbon end transmissive, Media near end		Gap (transmissive), Black mark (reflective), Head open (transmissive), Ribbon encoder (reflective), Ribbon end (transmissive)	
Media sensor location	Adjustable: Gap, Black mark, Fixed: Ribbon encoder, Ribbon end, Head open TJ-4005DN: Adjustable: Gap, Black mark, Fixed: Head open				Adjustable: Gap, Black mark, Fixed: Ribbon encoder, Ribbon end, Head open	
Release mode	Standard: Continuous, Tear off Optional: Peeled, Cut		Standard: Continuous, Rewinding		Standard: Continuous, Tear off Optional: Peeled, Cut, Rewind	

Connectivity

USB	●	●	●	●	●	●
USB host	●	●	●	●	●	●
Serial	●	●	●	●	●	●
Bluetooth (option)*	●	●	●	●	●	●
Wired LAN	●	●	●	●	●	●
Wireless LAN (option)	●	●	●	●	●	●

General

Dimensions (mm)	276mm (W) x 326mm (H) x 502mm (D)	276mm (W) x 412mm (H) x 502mm (D)	357mm (W) x 313mm (H) x 510mm (D)
Weight	15.35kg Peeler mode: 16.4kg Cutter mode: 16.9kg	18.93kg	17.9kg
Control panel	LCD display, 1 status indicator, 6 button navigation	Colour touch display, 1 status indicator, 6 button navigation	Colour touch display, 1 status indicator, 6 button navigation
Touch panel	●		●
Tear bar	●	●	●
Operating system support	Windows, Linux, MacOS, Android and iOS		
Supported Command	FBPL-EZD (EPL2,ZPL2,DPL)		

* Bluetooth connectivity option is part of the same single module with Wireless LAN.