



# Industrial printers designed for high-volume label printing

TJ-4420TN / TJ-4520TN / TJ-4422TN / TJ-4522TN Data Sheet

## Performance you can rely on

Designed for high-volume label printing, the Brother TJ series is capable of printing more than a thousand labels a day.

The durable label printers offer rapid print speeds, large ribbon capacity and an internal rewinder on selected models - making them perfect for any industrial printing application.

### Key Features:

- Various printer command languages supported, including ZPL2 emulation
- Rapid print speeds up to 14ips (356 mm/sec)
- Automatic internal rewinder on selected models
- High capacity 600m ribbon to minimize downtime
- In-built durability for tough production environments
- LCD and touch panel displays available for a first-class user experience
- Flexible connectivity options with USB, USB Host, Serial, Ethernet and optional Wireless and Bluetooth (single module)



## General

<b>Carton contents</b>	Power cord USB cable Documentation
<b>Language support</b>	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

## Dimensions & Weights

<b>Without carton</b>	<b>TJ-4420TN   TJ-4520TN:</b> 276mm (W) x 502mm (D) x 326mm (H) 15.35kg
	<b>TJ-4422TN   TJ-4522TN:</b> 276mm (W) x 502mm (D) x 412mm (H) 18.93kg

## Built In Features

<b>Printing Method</b>	Direct Thermal / Thermal Transfer
<b>Print Resolution</b>	<b>TJ-4420TN   TJ-4422TN:</b> 203dpi <b>TJ-4520TN   TJ-4522TN:</b> 300dpi
<b>Maximum print speed</b>	<b>TJ-4420TN   TJ-4422TN:</b> 356 mm/sec <b>TJ-4520TN   TJ-4522TN:</b> 305 mm/sec
<b>Maximum print width</b>	104mm
<b>Minimum print length</b>	Continuous: 5mm Tear mode: 50 mm** Peeler mode: 12.7mm** Cutter mode: 25.4mm**
<b>Maximum print length</b>	<b>TJ-4420TN   TJ-4422TN:</b> 25400mm <b>TJ-4520TN   TJ-4522TN:</b> 11430mm
<b>Minimum media width</b>	20mm
<b>Maximum media width</b>	114mm
<b>Maximum roll diameter</b>	203mm
<b>Minimum roll core diameter</b>	38.1mm
<b>Maximum roll core diameter</b>	76.2mm
<b>Minimum ribbon width</b>	25.4mm
<b>Maximum ribbon width</b>	114.3mm
<b>Inner paper core &amp; ribbon length</b>	1" paper core: Max. OD 90mm, 600m long
<b>Interfaces</b>	USB Ver.2.0 (Full Speed) (Type B), USB Host Serial RS232C (DB9 female) Wired LAN 10/100BASE-TX Wi-Fi 802.11 a/b/g/n & Bluetooth v4.2 (single-module option)

<b>Control Panel</b>	<b>TJ-4420TN   TJ-4520TN:</b> LCD display, 1 status indicator and 6 button navigation  <b>TJ-4422TN   TJ-4522TN:</b> 3.5-inch colour touch display, 1 status indicator and 6 button navigation
<b>Printer commands</b>	FBPL-EZD (EPL2,ZPL2,DPL)
<b>Internal fonts &amp; sizes</b>	8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
<b>Memory</b>	RAM: 256MB Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion up to 32 GB)
<b>Internal Barcode</b>	<b>Linear:</b> Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Standard 2 of 5, Industrial 2 of 5, Code39, Code39 with check digit, Code93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, EAN14, Code11, TELEPEN, TELEPEN number, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS  <b>2-dimensional:</b> CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF417, TLC39
<b>Operating system support</b>	Microsoft® Windows® 7 / 8.1 / 10 / Server 2012 / Server 2012R2 / Server 2016 / Server 2019  OS X 10.11.x macOS 10.12.x,10.13.x,10.14.x 10.15  Ubuntu V11.04-16.04 / Fedora 24 / SUSE Linux Enterprise Server 12 / CentOS Linux 7.2 / Red Hat Enterprise 7.3
<b>Windows SDK</b>	Microsoft® Windows® 7 / 8.1 / 10 Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019
<b>Mobile SDK</b>	Android v5 – v10 iOS v9 – v13.2 Requires 3rd party app development using Brother SDK, further information available at <a href="http://www.brother.co.jp/eng/dev">www.brother.co.jp/eng/dev</a>
<b>Software</b>	<b>BarTender Ultra Lite Edition:</b> Barcode label design software (download)  <b>Brother Printer Management Tool:</b> Software to centrally manage devices for updating settings, firmware and other configurations. (Microsoft® Windows® 8.1 / Windows® 10 only), Microsoft® Windows® Server 2012 / Server 2016 / Server 2019)

## Environmental

<b>Operating Temperature</b>	0°C to 40°C
<b>Operating Humidity</b>	25% to 85% non-condensing
<b>Storage Temperature</b>	-40°C to 60° C
<b>Storage Humidity</b>	10% to 90% non-condensing

## Supplies

<b>Roll type*</b>	<b>Uncoated label:</b> BUS-1J074102-203: 102mm x 74mm, 2,940 labels BUS-1J150102-203: 102mm x 150mm, 1,500 labels
	<b>Coated label:</b> BCS-1J074102-203: 102mm x 74mm, 2,900 labels BCS-1J150102-203: 102mm x 150mm, 1,440 labels
	<b>Standard Wax:</b> BWS-1D600-110: 110mm x 600m
<b>Ribbon type*</b>	<b>Premium Wax:</b> BWP-1D600-110: 110mm x 600m
	<b>Standard Wax/Resin:</b> BSS-1D600-110: 110mm x 600m
	<b>Premium Wax/Resin:</b> BSP-1D600-110: 110mm x 600m
	<b>Standard Resin:</b> BRS-1D600-110: 110mm x 600m
	<b>Premium Resin:</b> BRP-1D600-110: 110mm x 600m

## Optional Accessories (Dealer Option)

<b>Label Peeler**</b> (with liner rewinder)	PA-LP-006
<b>Cutter**</b>	PA-CU-005
<b>WiFi and Bluetooth Interface (module)</b> (User Option)	PA-WB-001

\*For additional supplies information, please contact your local Brother office

\*\*TJ-4420TN & TJ-4520TN only

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*BIE Product Planning: Last updated 30/10/2020*