

# Durable and easy to integrate

The industrial label printer range at a glance

Keep up with increasing demand with Brother's range of reliable 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



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 WiFi \*

**TJ-4005DN**

Durable industrial label printer with LED indicator



Same as TJ-4005DN plus  
Up to 10ips print speed  
450m ribbon capacity

**TJ-4020TN**

Durable industrial label printer with touch panel display



Same as TJ-4020TN plus  
Touch panel display

**TJ-4021TN**

Durable, high-resolution industrial label printer with LED indicator



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 WiFi \*

**TJ-4120TN**

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



Same as TJ-4120TN plus  
Touch panel display

**TJ-4121TN**

Super fast and durable industrial label printer with LCD display



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 WiFi and Bluetooth \*

**TJ-4420TN**

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



Same as TJ-4420TN plus  
Internal rewinder  
Touch panel display

**TJ-4422TN**

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



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 WiFi and Bluetooth \*

**TJ-4520TN**

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



Same as TJ-4520TN plus  
Internal rewinder  
Touch panel display

**TJ-4522TN**

### 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.

## TJ 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



# TJ Series

## brief summary

TJ-4005DN	TJ-4020TN	TJ-4120TN	TJ-4021TN	TJ-4121TN	TJ-4420TN	TJ-4520TN	TJ-4422TN	TJ-4522TN
<b>TJ Series</b>								

### Printing

Print technology	Direct Thermal	Direct Thermal and Thermal Transfer				Direct Thermal and Thermal Transfer			
Print resolution	203dpi	203dpi	300dpi	203dpi	300dpi	203dpi	300dpi	203dpi	300dpi
Print speed	6 ips (152mm/sec)	10 ips (254mm/sec)	7 ips (178mm/sec)	10 ips (254mm/sec)	7 ips (178mm/sec)	14 ips (356mm/sec)	12ips (305mm/sec)	14 ips (356mm/sec)	12ips (305mm/sec)
Max print width	107mm	107mm	105.7mm	107mm	105.7mm	104mm			
Max print length	25400mm	25400mm	11430mm	25400mm	11430mm	25400mm	11430mm	25400mm	11430mm
Min print length	5mm					5mm			
Media sensor type	Gap (transmissive), Black mark (reflective), Ribbon encoder (reflective), Ribbon end (transmissive), Head open (transmissive) TJ-4005DN: Gap (transmissive), Black mark (reflective), Head open (transmissive)					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	
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, Tear off Optional: Peeled, Cut		Standard: Continuous, rewinding	

### Connectivity

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

### General

Dimensions (mm)	248mm (W) x 274mm (H) x 436mm (D)				276mm (W) x 326mm (H) x 502mm (D)		276mm (W) x 412mm (H) x 502mm (D)	
Weight	9.2kg Peeler mode: 9.9kg Cutter mode: 9.6kg Gross weight: 11.2kg			9.4kg Peeler mode: 10.1kg Cutter mode: 9.8kg Gross weight: 11.4kg		15.35kg Peeler mode: 16.4kg Cutter mode: 16.9kg		18.93kg
Control panel	4 intuitive icon indicators, 1 status indicator, 2 buttons (pause, feed)			3.5-inch colour touch display, 1 status indicator, 6 button navigation		LCD 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, MAC, Android and iOS							
Supported Command	FBPL-EZD (EPL2,ZPL2,DPL)					FBPL-EZD (EPL2,ZPL2,DPL)		

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