brother
at your side

Drop-in, connect and print

Titan Industrial Label Printers

USB 2.0 | SERIAL | WIRED NETWORK | OPTIONAL WI-FI & BLUETOOTH | 2 YEAR WARRANTY

brother.com.au

The Titan Industrial range of thermal label printers has been developed to ensure minimal downtime and maximum productivity in tough production environments. Its drop-in, connect and print design, large ribbon capacity, in-built durability, range of connectivity options and the ability to print more than 10,000 labels a day means they're ready to meet the high-volume demands of your business.

Titan Industrial Label Printer Range

Key Features

Drop-in, connect and print

From shipping and receiving labels, to product and compliance labels (and everything in between!), they're stress-free and seamless to integrate, without compromising productivity.

Compatible with your existing infrastructure

Take advantage of the suite of connectivity options including USB 2.0, serial, Ethernet and optional Wi-Fi and Bluetooth accessories, and their ability to support Software Development Kits (SDK's) and various printer command languages, including ZPL2 emulation.

A solution built for business

The optional peeler** and cutter** accessories allow you to create a tailor-made solution that meets the demands of your business.

Reliable built-in technology

The built-in rewinder* optimises efficiency and allows you to multi-task - simply send your labels to print and collect the ready-printed label roll whenever you need to! Utilising thermal technology, high-capacity ribbons and crisp outputs, you'll save time and money while delivering professional results.

Warranty you can count on

A generous 2-year warranty on hardware and print heads means these mission-critical machines will always be performing at their best.

At your side support

Wherever you are in Australia, Brother offers free product support for the lifetime of your product.

TJ-4020TN

TJ-4420TN

TJ-4522TN

*Only available with the TJ-4522TN

**Only available for the TJ-4020TN and TJ-4420TN

Food and Beverage

Food and beverage products go through a number of steps within the supply chain before they make it into the hands of a consumer. Therefore, accurate record keeping, displaying correct product information and adhering to compliance protocols is crucial to ensure that products are not only safe to consume, but are also the best quality.

Applications ideal for:

- Pre-packaged food ingredients labels
- Nutrition information labels
- Quality control labels
- Compliance labels

Warehousing and Logistics

In high-volume warehousing operations, ensuring productivity and optimising efficiency are the keys to success. Compatible with the most common sizes of shipping labels and the capability to create custom size labels, the Titan Industrial range are the versatile labelling solution you've been searching for.

Applications ideal for:

- Shipping labels
- Carton labels
- Location labels
- Pallet identification labels
- Quality control labels
- Compliance labels

Retail

Help your customers make informed purchasing decisions by ensuring that your products are clearly and accurately labelled. The Titan Industrial range produces crisp, professional outputs which make your product labels easy to read and your barcodes easy to scan, every time.

Applications ideal for:

- Pricing labels
- Barcode labels
- Shelf-edge labels
- Sale/mark-down/discount pricing labels

Manufacturing and Transport

The manufacturing and transport industry operates on a high-volume scale, and at a rapid pace. The Titan Industrial range is built for relentless usage and can print over 10,000 labels a day to keep up with high-volume demands. Experience performance you can depend on with a labelling solution that you can simply drop-in, connect and start printing - without compromising productivity.

Applications ideal for:

- Packing labels
- Product and parts labels
- Compliance and ratings labels
- Work-In-Progress (WIP) labels

Titan Range

Product Summary

	TJ-4020TN	TJ-4420TN	TJ-4522TN
General			
Print Technology	Direct Thermal / Thermal Transfer		
Print Resolution	203dpi		300dpi
Maximum Print Speed	Up to 254 mm / second	305 mm / second	
Maximum Print Width	107mm - Tear mode	104mm	
Maximum Print Length	25,400 mm		11,430mm
Minimum Print Length	**Continuous:** 5mm **Tear mode:** 50 mm **Peeler mode:** 25.4mm **Cutter mode:** 25.4mm	**Continuous:** 5mm **Tear mode:** 50 mm **Peeler mode:** 12.7mm **Cutter mode:** 25.4mm	5mm
Emulation	FBPL-EZD (TSPL2, EPL2, ZPL2, DPL)		
Feed	Yes		
Internal Rewinder	No		Yes
Dimensions and Weight			
Weight	9.2kg (without roll)	15.35kg (without roll)	18.93kg (without roll)
Dimensions	248mm x 436mm x 274mm (W x D x H)	276mm x 502mm x 326mm (W x D x H)	276mm x 502mm x 412mm (W x D x H)
Control Panel	4 intuitive icon indicators, 1 status indicator, 2 buttons (pause, feed)	LCD display, 1 status indicator and 6 button navigation	Colour touch display, 1 status indicator and 6 button navigation
Interface			
USB	**Standard:** USB Ver.2.0 (Full Speed) (Type B)		
Serial	**Standard:** RS232C (DB9 male)		
Wired LAN	**Standard:** 10/100BASE-TX		
USB Host Ports	**Standard:** USB Type-A **Class ID:** HID, USB mass-storage device class **USB Regulation:** 2.0		
Bluetooth Profile	No	**PA-WB-001 (Optional):** Bluetooth Ver.5.0, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)	
Wi-Fi	**PA-WI-002 (Optional):** IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)	**PA-WB-001 (Optional):** IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)	
WLAN Security	Compliant to IEEE 802.11 a/b/g/n with dual band support. Supports Bandwidth in 5GHz 20/40 MHz 802.11n **Features:** 802.11n HT20 Roaming without data lost in AP cover range **Protocols:** IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer		
Memory			
Standard Memory	**RAM:** 128MB **Flash:** 128MB	**RAM:** 256MB **Flash:** 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32 GB)	**RAM:** 128MB **Flash:** 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)
Power Supply			
Adapter	**Internal Supply:** 100 - 240 V 50/60Hz **Output:** 24V/3.75A. 90W		
Media Specification			
Types	Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media	Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label	
Wound Type	Outside Wound		
Roll Size	**Tear Mode:** 50mm to Max Print Length **Peeler Mode:** 25.4mm - 152.4mm Length **Cutter Mode:** 25.4mm - 2,286mm Length **Max Roll Diameter:** 203.2mm **Core size:** 25.4mm - 76.2mm **Tear / Peeler Mode:** 20mm - 120mm Width **Cutter Mode:** 20mm - 114mm Width	**Tear Mode:** 50mm to Max Print Length **Peeler Mode:** 12.7mm - 152.4mm Length **Cutter Mode:** 25.4mm - 2,286mm Length **Max Roll Diameter:** 203.2mm **Core size:** 38.1mm - 76.2mm **Tear / Peeler Mode:** 20mm - 120mm Width **Cutter Mode:** 20mm - 114mm Width	**Tear Mode:** 50mm to Max Print Length **Max Roll Diameter:** 203.2mm **Core size:** 38.1mm - 76.2mm **Tear / Peeler Mode:** 20mm - 120mm Width
Roll Width	20mm - 120mm	20mm - 114mm	20mm - 114mm
Roll Thickness	0.06mm - 0.28mm (applicable across all models)		
Maximum Roll OD Size	203.2mm (applicable for all models)		

Titan Range

Product Summary

	TJ-4020TN	TJ-4420TN	TJ-4522TN
Ribbon Specifications			
Types	Wax, Resin, Semi (Wax/Resin)		
Wound Type	Inside or Outside Wound		
Ribbon Width	40mm - 110mm	20mm - 114mm	
Ribbon Length	450m	600m	
Software			
Software Included	**Windows:** BarTender, BPM (Brother Printer Management Tool), CommTool (Brother Communication Tool), Printer Driver **Mac:** Printer Driver **Linux:** Printer Driver		
Windows Printer Driver	Windows 11, Windows 10, Windows 8.1, Windows 7 Server 2012 , Server 2012R2, Server 2016, Server 2019		
MAC Printer Driver	macOS X 10.11.x macOS 10.12 - 12.0		
Linux Printer Driver	Linux Ubuntu V11.04-16.04 Fedora 24 SUSE Linux Enterprise Server 12 CentOS Linux 7.2 Red Hat Enterprise 7.3		
Mobile Software Development Kits (SDK's)	Android V5 iOS V9		
Windows SDK	Server 2019 Windows 10 and Server 2016 Windows 8.1 and Server 2012 R2 Windows 8 and Server 2012 Windows 7		
Android SDK	V5-V10		
iOS SDK	V9-V13.2		
Supported Command	FBPL-EZD (EPL,ZPL,ZPL2,DPL)		
SAP Device Type	SAP_BASIS Release 6.20 - 7.11, except 7.10		
Bar Code Symbologies	**Linear:** Code128UCC, Code128 subsets A,B,C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Standard 2 of 5, Insuatrial 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, EAN13, Code11, TELEPEN, TELEPENN, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS **2-dimensional:** CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417, TLC39		
Fonts	8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font		
Environment			
Operating Temperature	0 - 40°C		
Operating Humidity	25 - 85% non-condensing		
Storage Temperature	-40 - 60 °C		
Storage Humidity	10 - 90% non-condensing		
Printer Safety	EMC / RMC		
Warranty			
Hardware	2 Year Return to Base		
Print Head	2 Year Return To Base (25km or 6 months on print head)		
Package Contents			
Package Contents	Printer, Quick Start Guide, USB cable, Power Cord, Product Safety Guide, Paper Core		

Titan Accessories
Installed upon request

TJ-4020TN Optional Accessories

PA-LP-005
Peeler

PA-CU-004
Cutter

PA-WI-002
Wi-Fi

TJ-4420TN Optional Accessories

PA-LP-006
Peeler

PA-CU-005
Cutter

PA-WB-001
Dual Wi-Fi &
Bluetooth

TJ-4522TN Optional Accessories

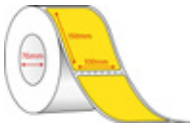
PA-WB-001
Dual Wi-Fi &
Bluetooth

Titan Consumable Supplies

Available exclusively from SEKTOR

Recommended Consumables

N8AJ00114
100mm x 150mm
Core size: 76mm
Yellow Label
1,000 labels per roll



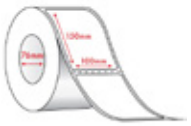
N8AJ00115
100mm x 150mm
Core size: 76mm
Pink Label
1,000 labels per roll

N8AJ00116
100mm x 150mm
Core size: 76mm
Green Label
1,000 labels per roll

N8AJ00117
100mm x 150mm
Core size: 76mm
Orange Label
1,000 labels per roll

N8AJ00124
110mm x 300mm
Core size: 76mm
Premium Wax Resin
Black Ribbon

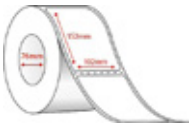
N8AJ00118
100mm x 150mm
Core size: 76mm
Synthetic Label
1,000 labels per roll



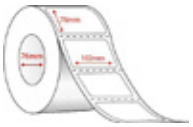
N8AJ00119
100mm x 74mm
Core size: 76mm
Synthetic Label
1,500 labels per roll

N8AJ00120
100mm x 50mm
Core size: 76mm
Synthetic Label
3,000 labels per roll

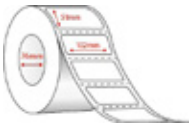
N8AJ00121
102mm x 152mm
Core size: 76mm
Thermal Label
1,000 labels per roll



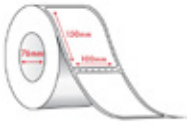
N8AJ00122
102mm x 76mm
Core size: 76mm
Thermal Label
1,500 labels per roll



N8AJ00123
102mm x 51mm
Core size: 76mm
Thermal Label
3,000 labels per roll



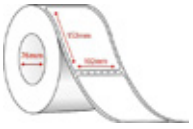
N8AJ00118
100mm x 150mm
Core size: 76mm
Synthetic Label
1,000 labels per roll



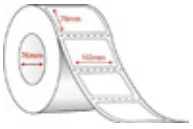
N8AJ00119
100mm x 74mm
Core size: 76mm
Synthetic Label
1,500 labels per roll

N8AJ00120
100mm x 50mm
Core size: 76mm
Synthetic Label
3,000 labels per roll

N8AJ00121
102mm x 152mm
Core size: 76mm
Thermal Label
1,000 labels per roll



N8AJ00122
102mm x 76mm
Core size: 76mm
Thermal Label
1,500 labels per roll



N8AJ00123
102mm x 51mm
Core size: 76mm
Thermal Label
3,000 labels per roll

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Contact:

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Brother International Australia

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