

# Drop-in, connect and print

## Titan Industrial Label Printers



USB 2.0



SERIAL



WIRED  
NETWORK



OPTIONAL  
WI-FI &  
BLUETOOTH



2 YEAR  
WARRANTY

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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

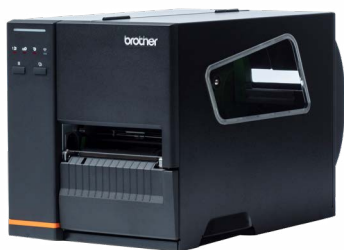
The built-in rewinder\* optimises efficiency and allows you to multi-task - simply send your labels to print and collect the ready-printed label roll whenever you need to! Utilising thermal technology, high-capacity ribbons and crisp outputs, you'll save time and money while delivering professional results.

### 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





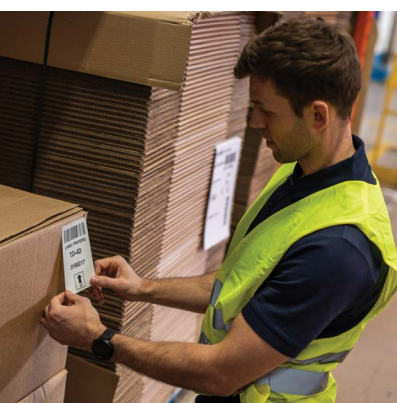
# Warehousing and Logistics



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





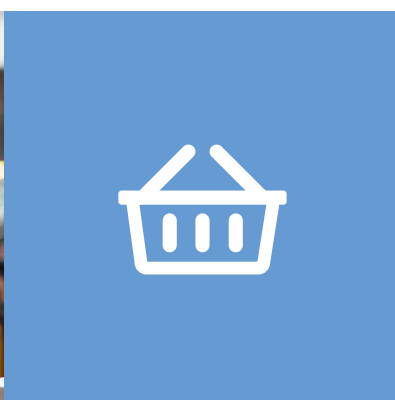
# Retail



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





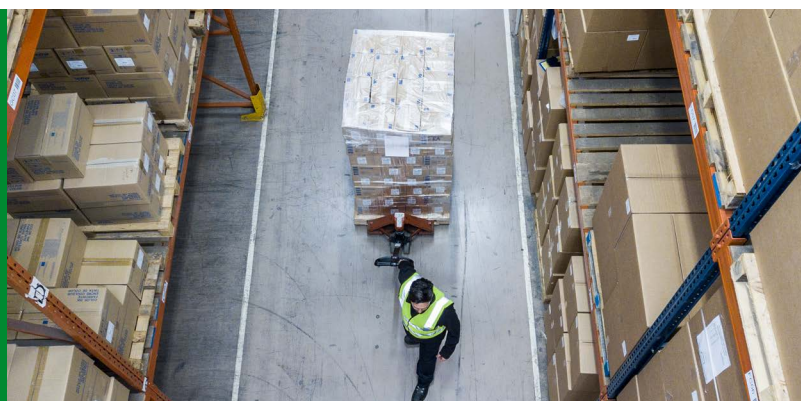
# Manufacturing and Transport



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	Up to 356 mm / second	Up to 305 mm / second
Maximum Print Width	107mm - Tear mode	104mm	
Maximum Print Length	25,400 mm		11,430mm
Minimum Print Length	<b>Continuous:</b> 5mm <b>Tear mode:</b> 50 mm <b>Peeler mode:</b> 25.4mm <b>Cutter mode:</b> 25.4mm	<b>Continuous:</b> 5mm <b>Tear mode:</b> 50 mm <b>Peeler mode:</b> 12.7mm <b>Cutter mode:</b> 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	<b>Standard:</b> USB Ver.2.0 (Full Speed) (Type B)		
Serial	<b>Standard:</b> RS232C (DB9 male)		
Wired LAN	<b>Standard:</b> 10/100BASE-TX		
USB Host Ports	<b>Standard:</b> USB Type-A <b>Class ID:</b> HID, USB mass-storage device class <b>USB Regulation:</b> 2.0		
Bluetooth Profile	No	<b>PA-WB-001 (Optional):</b> Bluetooth Ver.5.0, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)	
Wi-Fi	<b>PA-WI-002 (Optional):</b> IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)	<b>PA-WB-001 (Optional):</b> 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 <b>Features:</b> 802.11n HT20 Roaming without data lost in AP cover range <b>Protocols:</b> IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer		
Memory			
Standard Memory	<b>RAM:</b> 128MB <b>Flash:</b> 128MB	<b>RAM:</b> 256MB <b>Flash:</b> 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32 GB)	<b>RAM:</b> 128MB <b>Flash:</b> 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)
Power Supply			
Adapter	<b>Internal Supply:</b> 100 - 240 V 50/60Hz <b>Output:</b> 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	<b>Tear Mode:</b> 50mm to Max Print Length <b>Peeler Mode:</b> 25.4mm - 152.4mm Length <b>Cutter Mode:</b> 25.4mm - 2,286mm Length <b>Max Roll Diameter:</b> 203.2mm <b>Core size:</b> 25.4mm - 76.2mm <b>Tear / Peeler Mode:</b> 20mm - 120mm Width <b>Cutter Mode:</b> 20mm - 114mm Width	<b>Tear Mode:</b> 50mm to Max Print Length <b>Peeler Mode:</b> 12.7mm - 152.4mm Length <b>Cutter Mode:</b> 25.4mm - 2,286mm Length <b>Max Roll Diameter:</b> 203.2mm <b>Core size:</b> 38.1mm - 76.2mm <b>Tear / Peeler Mode:</b> 20mm - 120mm Width <b>Cutter Mode:</b> 20mm - 114mm Width	<b>Tear Mode:</b> 50mm to Max Print Length <b>Peeler Mode:</b> 12.7mm - 152.4mm Length <b>Cutter Mode:</b> 25.4mm - 1,016mm Length <b>Max Roll Diameter:</b> 203.2mm <b>Core size:</b> 38.1mm - 76.2mm <b>Tear / Peeler Mode:</b> 20mm - 120mm Width <b>Cutter Mode:</b> 20mm - 114mm Width
Roll Width	20mm - 120mm	20mm - 114mm	20mm - 114mm
Roll Thickness	0.06mm - 0.28mm		
Maximum Roll OD Size	203.2mm		



# 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	<b>Windows:</b> BarTender, BPM (Brother Printer Management Tool), CommTool (Brother Communication Tool), Printer Driver, P-touch Editor 5.4 <b>Mac:</b> Printer Driver <b>Linux:</b> 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	<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, 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 <b>2-dimensional:</b> 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	
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





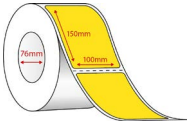
# Titan Consumable Supplies

Available exclusively from SEKTOR

## Recommended Consumables

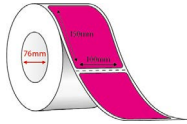
**N8AJ00114**  
100mm x 150mm  
Core size: 76mm

**Yellow Label**  
1,000 labels  
per roll



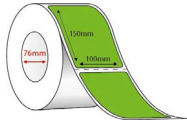
**N8AJ00115**  
100mm x 150mm  
Core size: 76mm

**Pink Label**  
1,000 labels  
per roll



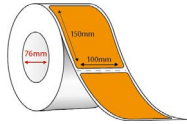
**N8AJ00116**  
100mm x 150mm  
Core size: 76mm

**Green Label**  
1,000 labels  
per roll



**N8AJ00117**  
100mm x 150mm  
Core size: 76mm

**Orange Label**  
1,000 labels  
per roll



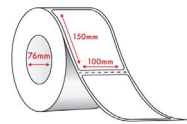
**N8AJ00124**  
110mm x 300mm  
Core size: 76mm

**Premium Wax Resin**  
Black Ribbon



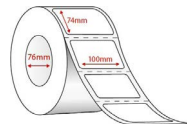
**N8AJ00118**  
100mm x 150mm  
Core size: 76mm

**Synthetic Label**  
1,000 labels  
per roll



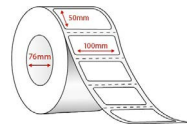
**N8AJ00119**  
100mm x 74mm  
Core size: 76mm

**Synthetic Label**  
1,500 labels  
per roll



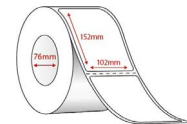
**N8AJ00120**  
100mm x 50mm  
Core size: 76mm

**Synthetic Label**  
3,000 labels  
per roll



**N8AJ00121**  
100mm x 150mm  
Core size: 76mm

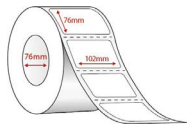
**Thermal Label**  
1,000 labels  
per roll



[View online](#)

**N8AJ00122**  
100mm x 74mm  
Core size: 76mm

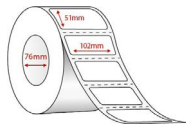
**Thermal Label**  
1,500 labels  
per roll



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**N8AJ00123**  
100mm x 50mm  
Core size: 76mm

**Thermal Label**  
3,000 labels  
per roll



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