

# Professional desktop label printers

**TD Series**







Brother's range of TD professional label printers offer the ability to print high quality labels on demand, whatever the requirement. Printing labels up to 4 inches in width, and with direct thermal and thermal transfer print technology, they fit the requirements of a large range of vertical market applications.



## TD Series



## Seamless Integration

Brother's high specification desktop label printers bring you improved operational efficiency with easy to use, high speed and continuous label printing. Combined with seamless integration and modular design, print from virtually anywhere in the workplace. Supporting a variety of printer command languages, including ZPL 2, EPL 2 & DPL emulation, the TD printers allow you to integrate into existing legacy systems.





## Up to 2 inch - Direct Thermal



TD-2310D203



TD-2320D203  
TD-2320D300



TD-2350D203  
TD-2350D300



TD-2320DSA203  
TD-2320DSA300



TD-2350DSA203



TD-2350DSA300

## Up to 4 inch - Direct Thermal



TD-4210D  
TD-4410D



TD-4420DN  
TD-4520DN



TD-4550DNWB



TD-4420DNFC



TD-4550DNWBFC

## Up to 4 inch - Thermal Transfer / Direct Thermal



TD-4420TN  
TD-4520TN



TD-4650TNWB  
TD-4750TNWB



TD-4650TNWBR  
TD-4750TNWBR



## Professional label printing

**Labels are often required to display a considerable amount of important information, so you need a printer that can put it all together efficiently, with consistent, high-quality results.**

The TD Series of desktop label printers offers direct thermal and thermal transfer high speed printing, at up to 300dpi resolution. Options include a peeler or automatic cutter, for producing continuous media to your required length on demand. The software supports barcode printing, embellish font programming for highlighting specific words, and also allows you to import graphics and date formats for a truly personalised solution.

## Printing Technology

### Direct Thermal

Low-cost, high-volume labels can be created through this process, which uses a heat-sensitive coating and thermal print head, meaning traditional printing ribbons and ink are not required. Ideal for shorter term and less permanent labelling uses.

### Thermal Transfer

Crisp, durable printing is achieved through a process in which the ink is absorbed into the label, making it ideal for applications that require robust, harder-wearing labels.



## Healthcare, medical and laboratory

With the strict regulations on the tracking of patient specimens and other items within the healthcare industry, clear, high quality labelling is essential to maintain safety and traceability.

A selection of the thermal transfer TD models offer RFID capability, enabling healthcare organisations to implement paper-free patient identification - improving efficiency and reducing human error.

### Applications include:

- Appointment cards
- Admission labels
- Specimen and pathology labels
- Blood bag labels
- Laboratory labels
- Microbiology labels
- Dosage/drug bag labels
- Wristbands





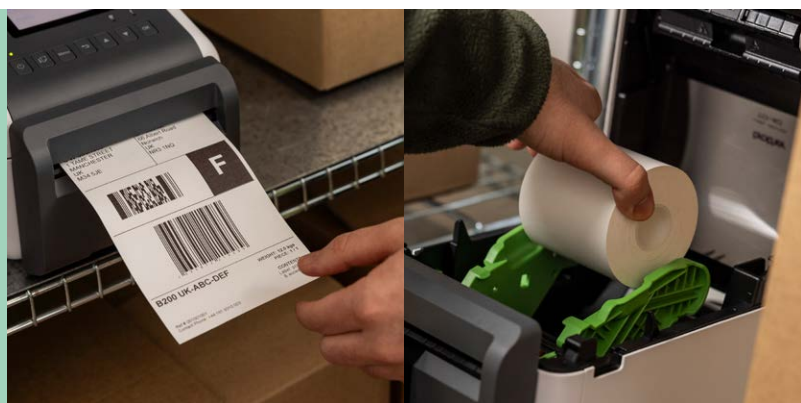


## Warehousing and logistics

Efficient warehousing operation and worker productivity are critical to the success of many companies. With the most common sizes of shipping labels, available and the ability to create custom sized labels there are many uses for these models in the warehouse.

### Applications include:

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







## Retail

Easy to read labels are essential for consumers to help make informed decisions prior to a potential purchase. The high print resolution and high quality labels used in this range ensure that every output printed looks professional, offering sharp text, logos and barcodes with a high contrast to ensure faultless scanning at the checkout.

Futhermore, printing labels with RFID tags enables retailers to streamline inventory management and asset tracking while improving security.

### Applications include:

- Pricing labels
- Barcode labels
- Pre-packaged food ingredients labels
- Nutrition information labels
- Shelf-edge labels
- Sale/mark-down/discount pricing labels





# TD-2D range

## brief summary

| TD-2310D203 | TD-2320D203 | TD-2320D300 | TD-2350D203 | TD-2350D300 |
|-------------|-------------|-------------|-------------|-------------|
| 2 Inch      |             |             |             |             |

### Printing

|                       |                                             |                                            |        |        |        |
|-----------------------|---------------------------------------------|--------------------------------------------|--------|--------|--------|
| Print technology      | Direct thermal                              |                                            |        |        |        |
| Print resolution      | 203dpi                                      | 203dpi                                     | 300dpi | 203dpi | 300dpi |
| Print speed           | 152.4mm/sec (6ips)                          |                                            |        |        |        |
| Max print width       | 59mm                                        |                                            |        |        |        |
| Min print length      | 6.4mm                                       |                                            |        |        |        |
| Max print length      | 3000mm                                      |                                            |        |        |        |
| Media sensor type     | Gap (Transmissive), Black mark (Reflective) |                                            |        |        |        |
| Media sensor location | Gap (fixed), Reflective (adjustable)        |                                            |        |        |        |
| Release mode          | Continuous, tear off                        | Continuous, tear off / Optional: peel, cut |        |        |        |

### Connectivity

|               |                                            |               |   |                                                                                   |
|---------------|--------------------------------------------|---------------|---|-----------------------------------------------------------------------------------|
| USB           | USB Ver.2.0 (Full Speed) (Type C)          |               |   |                                                                                   |
| USB Host Port | —                                          | Yes           |   |                                                                                   |
| Serial        | Original serial cable (option: PA-SCA-002) |               |   |                                                                                   |
| Bluetooth     | —                                          | —             | — | Yes. Bluetooth Ver 5.2 (BR/EDR: Class1, BLE: Class1.5) / MFi                      |
| Wireless LAN  | —                                          | —             | — | IEEE802.11 a/b/g/n (Infrastructure Mode)<br>IEEE802.11 g/n (Wireless Direct mode) |
| Wired LAN     | —                                          | 10/100BASE-TX |   |                                                                                   |

### General

|                          |                                                                                                           |        |        |                                     |        |
|--------------------------|-----------------------------------------------------------------------------------------------------------|--------|--------|-------------------------------------|--------|
| Dimensions (mm)          | 119 (w) x 224 (d) x 158 (h)                                                                               |        |        |                                     |        |
| Weight                   | 1.46kg                                                                                                    | 1.50kg | 1.50kg | 1.53kg                              | 1.53kg |
| Control panel            | 3 button / 3 LED                                                                                          |        |        | 7 button / 3 LED / Monochrome LCD   |        |
| Operating system support | Microsoft Windows 10,11<br>Microsoft Windows Server 2016,2019,2022<br>Linux                               |        |        |                                     |        |
| Supported commands       | Raster<br>ESC/P<br>P-touch Template / ZPL 2 emulation<br>CPCL emulation / EPL 2 emulation / DPL emulation |        |        |                                     |        |
| Mobile OS                | Android 9 or later                                                                                        |        |        | Android 9 or later, iOS 15 or later |        |

# TD-2D range

## brief summary

|  |               |               |               |                |
|--|---------------|---------------|---------------|----------------|
|  | TD-2320DSA203 | TD-2320DSA300 | TD-2350DSA203 | TD-2350DSAH300 |
|  | 2 Inch        |               |               |                |

### Printing

|                       |                                             |        |        |        |
|-----------------------|---------------------------------------------|--------|--------|--------|
| Print technology      | Direct thermal                              |        |        |        |
| Print resolution      | 203dpi                                      | 300dpi | 203dpi | 300dpi |
| Print speed           | 152.4mm/sec (6ips)                          |        |        |        |
| Max print width       | 59mm                                        |        |        |        |
| Min print length      | 6.4mm                                       |        |        |        |
| Max print length      | 3000mm                                      |        |        |        |
| Media sensor type     | Gap (Transmissive), Black mark (Reflective) |        |        |        |
| Media sensor location | Gap (fixed), Reflective (adjustable)        |        |        |        |
| Release mode          | Continuous, tear off / Optional: peel, cut  |        |        |        |

### Connectivity

|               |                                            |   |                                                                                   |
|---------------|--------------------------------------------|---|-----------------------------------------------------------------------------------|
| USB           | USB Ver.2.0 (Full Speed) (Type C)          |   |                                                                                   |
| USB Host Port | Yes                                        |   |                                                                                   |
| Serial        | Original serial cable (option: PA-SCA-002) |   |                                                                                   |
| Bluetooth     | —                                          | — | Yes. Bluetooth Ver 5.2 (BR/EDR: Class1, BLE: Class1.5) / MFi                      |
| Wireless LAN  | —                                          | — | IEEE802.11 a/b/g/n (Infrastructure Mode)<br>IEEE802.11 g/n (Wireless Direct mode) |
| Wired LAN     | 10/100BASE-TX                              |   |                                                                                   |

### General

|                          |                                                                                                           |        |                                     |                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------|--------|-------------------------------------|-----------------------------|
| Dimensions (mm)          | 119 (w) x 224 (d) x 176 (h)                                                                               |        |                                     | 153 (w) x 280 (d) x 176 (h) |
| Weight                   | 1.77kg                                                                                                    | 1.77kg | 1.77kg                              | 1.94kg                      |
| Control panel            | 24 button / 3.5" colour touch screen                                                                      |        |                                     |                             |
| Operating system support | Microsoft Windows 10,11<br>Microsoft Windows Server 2016,2019,2022<br>Linux                               |        |                                     |                             |
| Supported commands       | Raster<br>ESC/P<br>P-touch Template / ZPL 2 emulation<br>CPCL emulation / EPL 2 emulation / DPL emulation |        |                                     |                             |
| Mobile OS                | Android 9 or later                                                                                        |        | Android 9 or later, iOS 15 or later |                             |



## TD-4D range

### brief summary

|               |        |
|---------------|--------|
| TD-4550DNWBFC | 4 Inch |
| TD-4420DNFC   |        |
| TD-4550DNWB   |        |
| TD-4520DN     |        |
| TD-4420DN     |        |
| TD-4410D      |        |
| TD-4210D      |        |

## Printing

| Print technology      | Direct thermal                             |                     |        |                     |        |                                                |                        |
|-----------------------|--------------------------------------------|---------------------|--------|---------------------|--------|------------------------------------------------|------------------------|
| Print resolution      | 203dpi                                     | 203dpi              | 203dpi | 300dpi              | 300dpi | 203dpi                                         | 300dpi                 |
| Print speed           | 127mm/sec<br>(5ips)                        | 203mm/sec<br>(8ips) |        | 152mm/sec<br>(6ips) |        | 203.2 mm/sec<br>(8ips)                         | 152.4 mm/sec<br>(6ips) |
| Max print width       | 104.1mm                                    |                     |        | 108.4mm             |        | 104.1mm                                        | 108.4mm                |
| Min print length      | 6.4mm                                      |                     |        |                     |        |                                                |                        |
| Max print length      | 3,000mm                                    |                     |        |                     |        |                                                |                        |
| Media sensor type     | Gap (transmissive), Bar (reflective)       |                     |        |                     |        | Gap (Transmissive),<br>Black mark (Reflective) |                        |
| Media sensor location | Gap (fixed), Reflective (adjustable)       |                     |        |                     |        |                                                |                        |
| Release mode          | Continuous, tear off / Optional: peel, cut |                     |        |                     |        | Standard: Cut                                  |                        |

## Connectivity

| USB           | USB Ver.2.0 (Full Speed) (Type B) |     |     |     |     |     |     |
|---------------|-----------------------------------|-----|-----|-----|-----|-----|-----|
| USB Host Port | —                                 | —   | —   | —   | Yes | —   | Yes |
| Serial        | Yes                               | Yes | Yes | Yes | Yes | Yes | Yes |
| Bluetooth     | —                                 | —   | —   | —   | Yes | —   | Yes |
| Wireless LAN  | —                                 | —   | —   | —   | Yes | —   | Yes |
| Wired LAN     | —                                 | —   | Yes | Yes | Yes | Yes | Yes |

## General

|                          |                                                                                                              |                                                                                            |                |                                                                             |                |
|--------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------|----------------|
| Dimensions (mm)          | 180 (w) x 224 (d) x 155 (h)                                                                                  |                                                                                            |                | 180 (w) x 255 (d) x 155 (h)                                                 |                |
| Weight                   | 2.08kg                                                                                                       |                                                                                            |                | 2.49kg                                                                      |                |
| Control panel            | 3 button 3 LED                                                                                               |                                                                                            | 7 button 3 LED | 3 button 3 LED                                                              | 7 button 3 LED |
| Operating system support | Windows<br>7/8/8.1/10/11,<br>Linux                                                                           | Windows 7/8/8.1/10/11,<br>Windows Server 2008/2008R2/2012/<br>2012R2/2016/2019/2022, Linux |                | Microsoft Windows10,11<br>Microsoft Windows Server<br>2016/2019/2022, Linux |                |
| Supported commands       | Raster<br>ESC/P<br>P-touch Template<br>ZPL 2 emulation<br>CPCL emulation<br>EPL 2 emulation<br>DPL emulation |                                                                                            |                |                                                                             |                |

# TD-4T range

## brief summary

|           |           |             |             |              |              |
|-----------|-----------|-------------|-------------|--------------|--------------|
| TD-4420TN | TD-4520TN | TD-4650TNWB | TD-4750TNWB | TD-4650TNWBR | TD-4750TNWBR |
| 4 Inch    |           |             |             |              |              |

### Printing

|                       |                                                         |           |                                                                                                                                                        |             |                                   |             |
|-----------------------|---------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|-------------|
| Print technology      | Thermal Transfer/Direct Thermal                         |           |                                                                                                                                                        |             |                                   |             |
| Print speed           | 152mm/sec                                               | 127mm/sec | 203.2mm/sec                                                                                                                                            | 152.4mm/sec | 203.2mm/sec                       | 152.4mm/sec |
| Resolution            | 203dpi                                                  | 300dpi    | 203dpi                                                                                                                                                 | 300dpi      | 203dpi                            | 300dpi      |
| Max print width       | 108mm                                                   | 105.7mm   | 108mm                                                                                                                                                  | 105.7mm     | 108mm                             | 105.7mm     |
| Min print length      | Peeler: 25.4mm,<br>Cutter: 25.4mm<br>Tear: 50mm         |           | Continuous: 5mm<br>Tear mode: Media width less than 2 inch: 25.4mm<br>Media width greater than 2 inch: 50mm<br>Peeler mode: 25.4mm Cutter mode: 25.4mm |             |                                   |             |
| Max print length      | 25,400mm                                                | 11,430mm  | 25,400mm                                                                                                                                               | 11,430mm    | 25,400mm                          | 11,430mm    |
| Media sensor type     | Gap (transmissive), Bar (reflective)                    |           |                                                                                                                                                        |             |                                   |             |
| Media sensor location | Gap (fixed), Reflective (adjustable)                    |           |                                                                                                                                                        |             |                                   |             |
| Tear off release mode | Standard: Continuous, Tear off Optional: Peeler, Cutter |           |                                                                                                                                                        |             | Standard:<br>Continuous, tear off |             |

### Connectivity

|               |     |     |     |     |     |     |
|---------------|-----|-----|-----|-----|-----|-----|
| USB           | Yes | Yes | Yes | Yes | Yes | Yes |
| Serial        | Yes | Yes | Yes | Yes | Yes | Yes |
| Wired LAN     | Yes | Yes | Yes | Yes | Yes | Yes |
| USB Host Port | Yes | Yes | Yes | Yes | Yes | Yes |
| Bluetooth     | —   | —   | Yes | Yes | Yes | Yes |
| Wireless LAN  | —   | —   | Yes | Yes | Yes | Yes |

### Connectivity

|                          |                                                                                                                                                  |                                                                                                                                                              |     |     |     |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|
| Dimensions (mm)          | 204 (w) x 280 (d) x 164 (h)                                                                                                                      | 219 (w) x 284 (d) x 191 (h)                                                                                                                                  |     |     |     |
| Weight                   | 2.5kg                                                                                                                                            | 2.5kg                                                                                                                                                        |     |     |     |
| Control panel            | 1 button 1 LED with 3 colours                                                                                                                    | 1 LED with 3 colors. 6 buttons for Navigation                                                                                                                |     |     |     |
| LCD                      | —                                                                                                                                                | Yes                                                                                                                                                          | Yes | Yes | Yes |
| Operating system support | Windows 7/8/8.1/10/11<br>Windows Server 2008/2008R2/2012/2012R2/2016<br><br>OS X 10.10.x,10.11.x<br>macOS 10.12.x, 10.13.x, 10.14.x, 11<br>Linux | Windows 7<br>Windows 8<br>Windows 8.1<br>Windows 10<br>Windows 11<br><br>Windows Server 2008, 2008 R2, 2012, 2012 R2, 2016, 2019<br>Linux<br>Mac OS v10.6-11 |     |     |     |
| Supported commands       | FBPL-EZD<br>(EPL 2, ZPL 2, DPL) emulation                                                                                                        |                                                                                                                                                              |     |     |     |

# TD-2D accessories

## Power and additional options

### PA-LP-008 Label peeler

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-CU-007 Cutter

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-KU-001 Keyboard unit

TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-BB-004 Battery base\*

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



\* Requires PA-BT-004

### PA-HU2-002 Thermal print head (203dpi)

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-HU3-002 Thermal print head (300dpi)

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-PR2-002 Platen roller (203dpi)

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-PR3-002 Platen roller (300dpi)

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-BC-004 Battery charger

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-SCA-002 Serial cable

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-BT-004 Li-ion rechargeable battery\*

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



\* Requires PA-BC-004

### PA-AD-005(EU) Standard AC adapter

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-AD-006(EU) Healthcare AC adapter

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



Certified by  
**Brother  
International  
Europe**



## TD-2D desktop printing supplies

| Supply type | Part code        | Description             | Size          | Quantity     | Rolls/Box |
|-------------|------------------|-------------------------|---------------|--------------|-----------|
| Receipt     | BDL-7J000058-102 | Continuous receipt roll | 58mm x 101.6m | n/a          | 8         |
| Labels      | BDE-1J026051-102 | Die-cut labels roll     | 51mm x 26mm   | 1,900 labels | 16        |



# TD-4D accessories

## TD-4D Additional Options

### PA-LP-002 Label peeler

TD-4210D  
TD-4410D  
TD-4420DN  
TD-4520DN  
TD-4550DNWB



### PA-CU-001 Cutter

TD-4210D  
TD-4410D  
TD-4420DN  
TD-4520DN  
TD-4550DNWB



### PA-HU2-001 Thermal print head (203dpi)

TD-4210D  
TD-4410D  
TD-4420DN



### PA-HU3-001 Thermal print head (300dpi)

TD-4520DN  
TD-4550DNWB



### PA-PR2-001 Platen roller (203dpi)

TD-4210D  
TD-4410D  
TD-4420DN



### PA-PR3-001 Platen roller (300dpi)

TD-4520DN  
TD-4550DNWB



### PA-LCU-002 Linerless cutter

TD-4420DNFC  
TD-4550DNWBFC



### PA-LPR2-002 Linerless platen roller (203dpi)

TD-4420DNFC



### PA-LPR3-002 Linerless platen roller (300dpi)

TD-4550DNWBFC



### PA-AD-006(EU) Healthcare AC adapter

TD-4210D  
TD-4410D  
TD-4420DN  
TD-4520DN  
TD-4550DNWB  
TD-4420DNFC  
TD-4550DNWBFC



## TD-4D desktop printing supplies



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Europe**



| Supply type       | Part code        | Description               | Size            | Quantity     | Rolls/Box |
|-------------------|------------------|---------------------------|-----------------|--------------|-----------|
| Receipt           | BDL-7J000102-058 | Continuous receipt roll   | 101.6mm x 32.2m | n/a          | 20        |
|                   | BDL-7J000076-066 | Continuous receipt roll   | 76mm x 42m      | n/a          | 8         |
|                   | BDL-7J000058-102 | Continuous receipt roll   | 58mm x 101.6m   | n/a          | 8         |
|                   | BDL-7J000058-040 | Continuous receipt roll   | 58mm x 13.8m    | n/a          | 24        |
| Labels            | BDE-1J000102-102 | Continuous label roll     | 102mm x 58m     | n/a          | 8         |
|                   | BDE-1J050102-102 | Die-cut label roll        | 102mm x 50mm    | 1,050 labels | 8         |
|                   | BDE-1J152102-058 | Die-cut label roll        | 102mm x 152mm   | 85 labels    | 20        |
|                   | BDE-1J152102-102 | Die-cut label roll        | 102mm x 152mm   | 350 labels   | 8         |
|                   | BDE-1J026076-102 | Die-cut label roll        | 76mm x 26mm     | 1,900 labels | 8         |
|                   | BDE-1J044076-066 | Die-cut label roll        | 76mm x 44mm     | 400 labels   | 8         |
|                   | BDE-1J026051-102 | Die-cut label roll        | 51mm x 26mm     | 1,900 labels | 16        |
|                   | BDE-1J026051-060 | Die-cut label roll        | 51mm x 26mm     | 500 labels   | 12        |
| Linerless Labels* | BFA-272039-102   | Continuous linerless roll | 39mm x 82.3m    | n/a          | 12        |
|                   | BFA-274058-080   | Continuous linerless roll | 58mm x 51.8m    | n/a          | 32        |
|                   | BFA-274080-080   | Continuous linerless roll | 80mm x 51.8m    | n/a          | 32        |
|                   | BFA-274106-080   | Continuous linerless roll | 106mm x 51.8m   | n/a          | 9         |

\* Linerless Labels only compatible with TD-4420DNFC & TD-4550DNWBFC - Available soon

# Desktop printing supplies

## TD-4T



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### TD-4T Additional Options

#### PA-RH-001 External roll holder

TD-4420TN  
TD-4520TN  
TD-4650TNWB  
TD-4750TNWB  
TD-4650TNWBR  
TD-4750TNWBR



#### PA-CU-003 Cutter

TD-4420TN  
TD-4520TN  
TD-4650TNWB  
TD-4750TNWB  
TD-4650TNWBR\*  
TD-4750TNWBR\*



#### PA-LP-004 Peeler

TD-4420TN  
TD-4520TN  
TD-4650TNWB  
TD-4750TNWB  
TD-4650TNWBR\*  
TD-4750TNWBR\*



\* Not recommended for use with RFID tags

| Supply type | Part code        | Description                              | Size          | Quantity     | Rolls/Box |
|-------------|------------------|------------------------------------------|---------------|--------------|-----------|
| Labels      | BUS-1J074102-121 | Uncoated thermal transfer die cut labels | 102mm x 74mm  | 1,100 labels | 6         |
|             | BUS-1J150102-121 | Uncoated thermal transfer die cut labels | 102mm x 150mm | 550 labels   | 6         |
|             | BCS-1J074102-121 | Coated thermal transfer die cut labels   | 102mm x 74mm  | 1,100 labels | 6         |
|             | BCS-1J150102-121 | Coated thermal transfer die cut labels   | 102mm x 150mm | 550 labels   | 6         |
| Ribbons     | BWS-1D300-060    | Standard wax ribbon                      | 60mm x 300m   | n/a          | 12        |
|             | BWS-1D300-080    | Standard wax ribbon                      | 80mm x 300m   | n/a          | 12        |
|             | BWS-1D300-110    | Standard wax ribbon                      | 110mm x 300m  | n/a          | 12        |
|             | BWP-1D300-060    | Premium wax ribbon                       | 60mm x 300m   | n/a          | 12        |
|             | BWP-1D300-080    | Premium wax ribbon                       | 80mm x 300m   | n/a          | 12        |
|             | BWP-1D300-110    | Premium wax ribbon                       | 110mm x 300m  | n/a          | 12        |
|             | BSS-1D300-060    | Standard wax/resin ribbon                | 60mm x 300m   | n/a          | 12        |
|             | BSS-1D300-080    | Standard wax/resin ribbon                | 80mm x 300m   | n/a          | 12        |
|             | BSS-1D300-110    | Standard wax/resin ribbon                | 110mm x 300m  | n/a          | 12        |
|             | BSP-1D300-060    | Premium wax/resin ribbon                 | 60mm x 300m   | n/a          | 12        |
|             | BSP-1D300-080    | Premium wax/resin ribbon                 | 80mm x 300m   | n/a          | 12        |
|             | BSP-1D300-110    | Premium wax/resin ribbon                 | 110mm x 300m  | n/a          | 12        |
|             | BRS-1D300-060    | Standard resin ribbon                    | 60mm x 300m   | n/a          | 12        |
|             | BRS-1D300-080    | Standard resin ribbon                    | 80mm x 300m   | n/a          | 12        |
|             | BRS-1D300-110    | Standard resin ribbon                    | 110mm x 300m  | n/a          | 12        |
|             | BRP-1D300-060    | Premium resin ribbon                     | 60mm x 300m   | n/a          | 12        |
|             | BRP-1D300-080    | Premium resin ribbon                     | 80mm x 300m   | n/a          | 12        |
|             | BRP-1D300-110    | Premium resin ribbon                     | 110mm x 300m  | n/a          | 12        |

For additional consumable options please contact your local Brother office.

With label design apps for desktop PC's and mobile devices, and Software Development Kits (SDK's) to integrate the TD range into your own applications, you can choose the best option for your label printing needs. Brother provides all the necessary tools required for software developers to integrate printing into their applications. Printer drivers are available for Windows OS, and SDK's can be provided to support Windows Mobile\*, Android and iOS operating systems.

## Software Support Features

### P-touch Editor

Supplied as standard, you can create your own custom labels with pixel precision by using this powerful software solution. With features such as support for over 15 barcode protocols, advanced image dithering to print high quality grayscale images, and the ability to link to data contained in Excel spreadsheets for batch printing of labels, any label design is possible.

### Crop function

Built into the Windows driver, this function helps take away the inconvenience of using A4 sheets of labels in your standard printer. This clever feature automatically scans through the document and where a barcode is present it extracts shipping or product labels one at-a-time then prints as individual on the Brother label printer.

### Template mode

Design the required document on your Windows PC, including logos and barcodes. Once transferred and stored in the printer's memory, the template can be recalled and any data replaced, before printing with just a few short commands.

### Printer commands

With support for ZPL 2, EPL 2, DPL emulation and a variety of additional printer command languages, developers can easily integrate printing into existing legacy systems (see specification tables for further details).

### Mobile deploy

Cloud-based app for mobile devices (iOS and Android™), which allows IT administrators to remotely update and configure multiple Brother mobile printers. Using Mobile Deploy, the administrator can easily upload new update packages to an online location, and then share the URLs with the users.

### Software development kits (SDK's)

Brother can also supply a selection of free of charge Software Development Kits to give you an easy method of incorporating label printing directly from within your own software programs. Available from:

<https://support.brother.com/g/s/es/dev/en/index.html>

### Legacy print data conversion

This feature simplifies integration with legacy systems by converting print commands into P-touch Templates. These templates can be updated externally to the legacy system without the need of specialist knowledge of print languages such as ESC/POS and others.

### Smooth Print

Smooth Print is an app for printing labels or receipts from iOS and Android™ mobile devices to Brother printers. Smooth Print works from a user's own web app or mobile app via a URL scheme. more details available from

<https://support.brother.com/g/s/es/dev/en/index.html>

\* Compatibility may vary dependent on model - check table on following page





## Software

| Model No                        | TD-2310D203 | TD-2320D203 | TD-2320D300 | TD-2350D203 | TD-2350D300 | TD-2320DSA203 | TD-2320DSA300 | TD-2350DSA203 | TD-2350DSA300 | TD-4210D | TD-4410D | TD-4420DN | TD-4520DN | TD-4550DNWB | TD-4420DNFC | TD-4550DNWBFC | TD-4420TN | TD-4520TN | TD-4650TNWB | TD-4750TNWB | TD-4650TNWBR | TD-4750TNWBR |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|----------|----------|-----------|-----------|-------------|-------------|---------------|-----------|-----------|-------------|-------------|--------------|--------------|
| P-touch Editor                  | ✓           | ✓           | ✓           | ✓           | ✓           | ✓             | ✓             | ✓             | ✓             | ✓        | ✓        | ✓         | ✓         | ✓           | ✓           | ✓             | ✓         | ✓         | ✓           | ✓           | ✓            | ✓            |
| Mobile Deploy App               |             |             |             | ✓           | ✓           |               |               | ✓             | ✓             |          |          |           |           | ✓           |             | ✓             |           |           |             |             |              |              |
| Brother Font Manager*           | ✓           | ✓           | ✓           | ✓           | ✓           | ✓             | ✓             | ✓             | ✓             | ✓        | ✓        | ✓         | ✓         | ✓           | ✓           | ✓             |           |           |             |             |              |              |
| Printer Settings Tool           | ✓           | ✓           | ✓           | ✓           | ✓           | ✓             | ✓             | ✓             | ✓             | ✓        | ✓        | ✓         | ✓         | ✓           | ✓           | ✓             |           |           |             |             |              |              |
| Bartender Ultra Lite Edition    |             |             |             |             |             |               |               |               |               |          |          |           |           |             |             |               | ✓         | ✓         | ✓           | ✓           | ✓            | ✓            |
| Brother Printer Management Tool |             |             |             |             |             |               |               |               |               |          |          |           |           |             |             |               | ✓         | ✓         | ✓           | ✓           | ✓            | ✓            |
| Crop Function (Windows driver)  |             |             | ✓           |             | ✓           |               | ✓             |               | ✓             |          |          |           | ✓         | ✓           |             | ✓             |           | ✓         |             | ✓           |              | ✓            |
|                                 | TD-2D       |             |             |             |             | TD-4D         |               |               |               |          | TD-4T    |           |           |             |             |               |           |           |             |             |              |              |

\* Font licensee permissions are required

For further details visit: <https://support.brother.com>



Our printers have all  
the specifications you  
need for fit-for-purpose  
labelling solutions





# TD-2D range

## in detail

| TD-2310D203 | TD-2320D203 | TD-2320D300 | TD-2350D203 | TD-2350D300 |
|-------------|-------------|-------------|-------------|-------------|
| 2 Inch      |             |             |             |             |

### Printing

|                       |                                             |                                          |        |        |
|-----------------------|---------------------------------------------|------------------------------------------|--------|--------|
| Print technology      | Direct thermal                              |                                          |        |        |
| Print speed           | 152.4mm/sec (6ips)                          |                                          |        |        |
| Resolution            | 203dpi                                      | 203dpi                                   | 300dpi | 203dpi |
| Max. print width      | 59mm                                        |                                          |        |        |
| Max. print length     | 3,000mm                                     |                                          |        |        |
| Min. print length     | 6.4mm                                       |                                          |        |        |
| Media sensor type     | Gap (transmissive), Black mark (reflective) |                                          |        |        |
| Media sensor location | Gap (fixed), Reflective (adjustable)        |                                          |        |        |
| Tear off release mode | Continuous, Tear off                        | Continuous, tear off Optional: Peel, cut |        |        |

### Media

|                     |                                                            |
|---------------------|------------------------------------------------------------|
| Media types         | Wristbands, Continuous, Die Cut, Fan Fold, Perforated, Tag |
| Media thickness     | 0.058mm - 0.279mm                                          |
| Media width         | 15mm - 63mm (Inc liner)                                    |
| Media length        | 6.4 mm - 3,000mm                                           |
| Diameter (max)      | 127mm                                                      |
| Core Diameter (max) | 11~38.1mm (using media support discs)                      |

### Connectivity

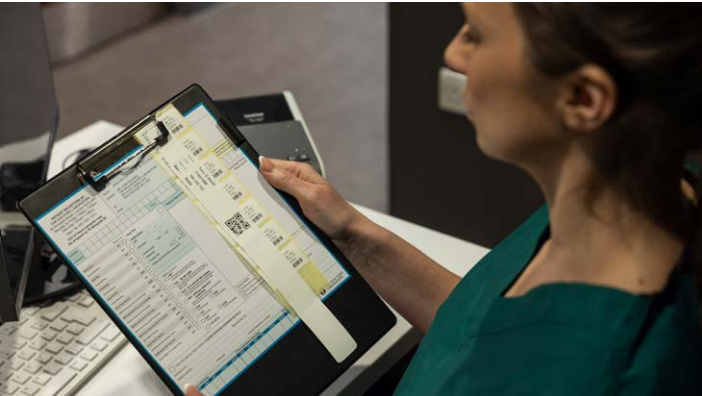
|                       |                                            |                           |   |                                                                                                                                                                                                                                                                                                |
|-----------------------|--------------------------------------------|---------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB                   | USB Ver.2.0 (Full Speed) (Type C)          |                           |   |                                                                                                                                                                                                                                                                                                |
| Serial                | Original serial cable (option: PA-SCA-002) |                           |   |                                                                                                                                                                                                                                                                                                |
| USB host port         | —                                          | Yes                       |   |                                                                                                                                                                                                                                                                                                |
| Bluetooth             | —                                          | Version 5.2 + BLE         |   |                                                                                                                                                                                                                                                                                                |
| Bluetooth profile     | —                                          | SPP, OPP, HCRP, GATT, MFI |   |                                                                                                                                                                                                                                                                                                |
| Wired LAN             | —                                          | 10/100BASE-TX             |   |                                                                                                                                                                                                                                                                                                |
| Wireless LAN          | —                                          | —                         | — | IEEE802.11 a/b/g/n (Infrastructure Mode) 2.4GHz<br>IEEE802.11 g/n (Wireless Direct mode) 2.4GHz<br>IEEE802.11 a/n (Infrastructure Mode) 5GHz                                                                                                                                                   |
| Wireless LAN security | —                                          | —                         | — | Infrastructure Mode:<br><Personal mode><br>Open System (None/WEP)<br>Public Key Authentication (WEP)<br>WPA-PSK/WPA2-PSK (TKIP/AES)<br><Enterprise mode><br>EAP-FAST (TKIP/AES)<br>PEAP (TKIP/AES)<br>EAP-TLS (TKIP/AES)<br>EAP-TTLS (TKIP/AES)<br><br>Wireless direct Mode:<br>WPA2-PSK (AES) |

### General

|               |                |                               |
|---------------|----------------|-------------------------------|
| Control panel | 3 button 3 LED | 7 button 3 LED Monochrome LCD |
|---------------|----------------|-------------------------------|

### Power

|                         |   |                                                   |
|-------------------------|---|---------------------------------------------------|
| Battery charging option | — | Optional: PA-BT-004 with PA-BB-004 (battery base) |
|-------------------------|---|---------------------------------------------------|



# TD-2D range

## in detail

TD-2310D203

TD-2320D203

TD-2320D300

TD-2350D203

TD-2350D300

2 Inch

### Software

|                          |                                                                                                              |                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Operating system support | Microsoft Windows 10, 11<br>Microsoft Windows Server 2016,2019,2022<br>Linux                                 |                                      |
| Mobile OS                | Android 9 or later                                                                                           | iOS 15 or later / Android 9 or later |
| Supported commands       | Raster<br>ESC/P<br>P-touch Template<br>ZPL 2 emulation<br>CPCL emulation<br>EPL 2 emulation<br>DPL emulation |                                      |

### Memory

|       |       |      |
|-------|-------|------|
| RAM   | 256MB |      |
| Flash | 32MB  | 64MB |

### Environmental

|                       |                                                                |  |
|-----------------------|----------------------------------------------------------------|--|
| Operating temperature | Printer: 5°C ~ 40°C Battery charger: 10°C ~ 35°C               |  |
| Operating humidity    | 20 ~ 80% (No condensation, Maximum wet bulb temperature: 27°C) |  |
| Storage temperature   | -20°C to 60°C                                                  |  |
| Storage humidity      | 10% to 90% non-condensing                                      |  |

### Weights & Dimensions

|                 |                             |        |        |        |        |
|-----------------|-----------------------------|--------|--------|--------|--------|
| Dimensions (mm) | 119 (w) x 224 (d) x 158 (h) |        |        |        |        |
| Weight          | 1.46kg                      | 1.50kg | 1.50kg | 1.53kg | 1.53kg |

### Included Items

|                 |                                                                                                   |  |  |  |  |
|-----------------|---------------------------------------------------------------------------------------------------|--|--|--|--|
| Supplied in box | Printer                                                                                           |  |  |  |  |
|                 | AC power cord & adaptor                                                                           |  |  |  |  |
|                 | USB (A to C) Cable, 1m                                                                            |  |  |  |  |
|                 | Documentation                                                                                     |  |  |  |  |
|                 | Media disc:<br>default: 25~25.4 (1") / 34.9mm ( 1.38")<br>included: 11~12.7mm (0.5")/19mm (0.75") |  |  |  |  |





# TD-2D range

## in detail

continued

TD-2320DSA203

TD-2320DSA300

TD-2350DSA203

TD-2350DSA300

### 2 Inch

#### Printing

|                       |                                             |        |        |        |
|-----------------------|---------------------------------------------|--------|--------|--------|
| Print technology      | Direct thermal                              |        |        |        |
| Print speed           | 152.4 mm/sec (6ips)                         |        |        |        |
| Resolution            | 203dpi                                      | 300dpi | 203dpi | 300dpi |
| Max. print width      | 59mm                                        |        |        |        |
| Max. print length     | 3,000mm                                     |        |        |        |
| Min. print length     | 6.4mm                                       |        |        |        |
| Media sensor type     | Gap (transmissive), Black mark (reflective) |        |        |        |
| Media sensor location | Gap (fixed), Reflective (adjustable)        |        |        |        |
| Tear off release mode | Continuous, tear off Optional: Peel, cut    |        |        |        |

#### Media

|                     |                                                            |  |  |  |
|---------------------|------------------------------------------------------------|--|--|--|
| Media types         | Wristbands, Continuous, Die Cut, Fan Fold, Perforated, Tag |  |  |  |
| Media thickness     | 0.058mm - 0.279mm                                          |  |  |  |
| Media width         | 15mm - 63mm (Inc liner)                                    |  |  |  |
| Media length        | 6.4 mm - 3,000mm                                           |  |  |  |
| Diameter (max)      | 127mm                                                      |  |  |  |
| Core Diameter (max) | 11~38.1mm (using media support discs)                      |  |  |  |

#### Connectivity

|                       |                                            |                                                                                                                                                                                                                                                                                                                   |
|-----------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB                   | USB Ver.2.0 (Full Speed) (Type C)          |                                                                                                                                                                                                                                                                                                                   |
| Serial                | Original serial cable (option: PA-SCA-002) |                                                                                                                                                                                                                                                                                                                   |
| USB host port         | Yes                                        |                                                                                                                                                                                                                                                                                                                   |
| Bluetooth             | —                                          | Version 5.2 + BLE                                                                                                                                                                                                                                                                                                 |
| Bluetooth profile     | —                                          | SPP, OPP, HCRP, GATT, MFI                                                                                                                                                                                                                                                                                         |
| Wired LAN             | 10/100BASE-TX                              |                                                                                                                                                                                                                                                                                                                   |
| Wireless LAN (option) | —                                          | IEEE802.11 a/b/g/n (Infrastructure Mode) 2.4GHz<br>IEEE802.11 g/n (Wireless Direct mode) 2.4GHz<br>IEEE802.11 a/n (Infrastructure Mode) 5GHz                                                                                                                                                                      |
| Wireless LAN security | —                                          | Adhoc Mode: N/A<br>Infrastructure Mode:<br><Personal mode><br>Open System (None/WEP)<br>Public Key Authentication (WEP)<br>WPA-PSK/WPA2-PSK (TKIP/AES)<br><Enterprise mode><br>EAP-FAST (TKIP/AES)<br>PEAP (TKIP/AES)<br>EAP-TLS (TKIP/AES)<br>EAP-TTLS (TKIP/AES)<br><br>Wireless direct Mode:<br>WPA2-PSK (AES) |

#### General

|               |                                    |
|---------------|------------------------------------|
| Control panel | 24 button 3.5" colour touch screen |
|---------------|------------------------------------|

#### Power

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| Battery charging option | Optional: PA-BT-004 (battery pack) with PA-BB-004 (battery base) |
|-------------------------|------------------------------------------------------------------|

# TD-2D range

## in detail

continued

TD-2320DSA203

TD-2320DSA300

TD-2350DSA203

TD-2350DSA300

### 2 Inch

#### Software

|                          |                                                                                                              |  |                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------|--|--------------------------------------|
| Operating system support | Microsoft Windows 10, 11<br>Microsoft Windows Server 2016,2019,2022<br>Linux                                 |  |                                      |
| Mobile OS                | Android 9 or later                                                                                           |  | iOS 15 or later / Android 9 or later |
| Supported commands       | Raster<br>ESC/P<br>P-touch Template<br>ZPL 2 emulation<br>CPCL emulation<br>EPL 2 emulation<br>DPL emulation |  |                                      |

#### Memory

|       |       |
|-------|-------|
| RAM   | 256MB |
| Flash | 64MB  |

#### Environmental

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Operating temperature | Printer: 5°C ~ 40°C Battery charger: 10°C ~ 35°C               |
| Operating humidity    | 20 ~ 80% (No condensation, Maximum wet bulb temperature: 27°C) |
| Storage temperature   | -20°C to 60°C                                                  |
| Storage humidity      | 10% to 90% non-condensing                                      |

#### Weights & Dimensions

|                 |                             |        |        |                             |
|-----------------|-----------------------------|--------|--------|-----------------------------|
| Dimensions (mm) | 119 (w) x 224 (d) x 176 (h) |        |        | 153 (w) x 280 (d) x 176 (h) |
| Weight          | 1.77kg                      | 1.77kg | 1.77kg | 1.94kg                      |

#### Included Items

|                 |                                                                                                  |
|-----------------|--------------------------------------------------------------------------------------------------|
| Supplied in box | Printer                                                                                          |
|                 | AC power cord & adaptor                                                                          |
|                 | USB (A to C) Cable, 1m                                                                           |
|                 | Documentation                                                                                    |
|                 | Media disc:<br>default: 25~25.4 (1") / 34.9mm (1.38")<br>included: 11~12.7mm (0.5")/19mm (0.75") |



# TD-4D range

## in detail

|          |          |           |           |             |             |               |
|----------|----------|-----------|-----------|-------------|-------------|---------------|
| TD-4210D | TD-4410D | TD-4420DN | TD-4520DN | TD-4550DNWB | TD-4420DNFC | TD-4550DNWBFC |
|----------|----------|-----------|-----------|-------------|-------------|---------------|

4 Inch

### Printing

|                               |                                                            |                  |                  |                    |                    |
|-------------------------------|------------------------------------------------------------|------------------|------------------|--------------------|--------------------|
| Print technology              | Direct thermal                                             |                  |                  |                    |                    |
| Print speed                   | 127mm/sec (5ips)                                           | 203mm/sec (8ips) | 152mm/sec (6ips) | 203.2mm/sec (8ips) | 152.4mm/sec (6ips) |
| Resolution                    | 203dpi                                                     |                  | 300dpi           | 203dpi             | 300dpi             |
| Max. print width              | 104.1mm                                                    |                  | 108.4mm          | 104.1mm            | 108.4mm            |
| Max. print length             | 3,000mm                                                    |                  |                  |                    |                    |
| Min. print length             | 6.4mm                                                      |                  |                  |                    |                    |
| Media sensor type             | Gap (transmissive), Black mark (reflective)                |                  |                  |                    |                    |
| Media sensor location         | Gap (fixed), Reflective (adjustable)                       |                  |                  |                    |                    |
| Linerless cutter (PA-LCU-001) | —                                                          |                  |                  | Pre installed      |                    |
| Tear off release mode         | Standard: Continuous, Tear off    Optional: Peeler, Cutter |                  |                  | Standard: Cut      |                    |

### Media

|                     |                                                            |                        |
|---------------------|------------------------------------------------------------|------------------------|
| Media types         | Wristbands, Continuous, Die cut, Fan fold, Perforated, Tag | Linerless (continuous) |
| Media thickness     | 0.058mm - 0.279mm                                          | 0.086mm - 0.095mm      |
| Media width         | 19mm - 118.11mm                                            | 39mm - 106mm           |
| Media length        | 6.4mm - 3,000mm                                            | 20mm - 3000mm          |
| Diameter (max)      | 127mm                                                      | 102mm                  |
| Core Diameter (min) | 12.7mm                                                     | 25.4mm                 |

### Connectivity

|                       |                                     |                                                                                                                                                                                                                                                                                                                                                            |   |                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB                   | USB version 2.0 (full speed) Type B |                                                                                                                                                                                                                                                                                                                                                            |   |                                                                                                                                                                                                                                                                                                                                                            |
| Serial                | Serial RS232C (DB9 male)            |                                                                                                                                                                                                                                                                                                                                                            |   |                                                                                                                                                                                                                                                                                                                                                            |
| USB host port         | —                                   | Yes                                                                                                                                                                                                                                                                                                                                                        | — | Yes                                                                                                                                                                                                                                                                                                                                                        |
| Bluetooth             | —                                   | Yes                                                                                                                                                                                                                                                                                                                                                        | — | Yes                                                                                                                                                                                                                                                                                                                                                        |
| Bluetooth profile     | —                                   | SPP, OPP, HCRP<br>Bluetooth Classic, GATT<br>(Bluetooth Low Energy)                                                                                                                                                                                                                                                                                        | — | SPP, OPP, HCRP<br>(Bluetooth Classic),<br>GATT (Bluetooth Low Energy)                                                                                                                                                                                                                                                                                      |
| Wired LAN             | —                                   | 10/100BASE-TX                                                                                                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                                            |
| Wireless LAN          | —                                   | IEEE802.11 a/b/g/n<br>(Infrastructure Mode)<br>IEEE802.11 g/n<br>(Wireless Direct mode)                                                                                                                                                                                                                                                                    | — | IEEE802.11 a/b/g/n<br>(Infrastructure Mode)<br>IEEE802.11 g/n<br>(Wireless Direct mode)                                                                                                                                                                                                                                                                    |
| Wireless LAN security | —                                   | Authentic method<br>(encryption scheme)<br>Infrastructure mode<br><br>Open system(None/<br>WEP64/WEP128)<br>Common key<br>authentication (WEP)<br>WPA/WPA2-PSK<br>(TKIP+AES)<br>EAP-FAST (TKIP/AES)<br>PEAP (TKIP/AES)<br>(EAP-TLS (TKIP/AES)<br>(EAP-TTLS (TKIP/AES)<br>Authentic method<br>(encryption scheme)<br>Wireless direct mode<br>WPA2-PSK (AES) | — | Authentic method<br>(encryption scheme)<br>Infrastructure mode<br><br>Open system(None/<br>WEP64/WEP128)<br>Common key<br>authentication (WEP)<br>WPA/WPA2-PSK<br>(TKIP+AES)<br>EAP-FAST (TKIP/AES)<br>PEAP (TKIP/AES)<br>(EAP-TLS (TKIP/AES)<br>(EAP-TTLS (TKIP/AES)<br>Authentic method<br>(encryption scheme)<br>Wireless direct mode<br>WPA2-PSK (AES) |
| MFi support           | —                                   | Yes                                                                                                                                                                                                                                                                                                                                                        | — | Yes                                                                                                                                                                                                                                                                                                                                                        |
| AirPrint              | —                                   | Yes                                                                                                                                                                                                                                                                                                                                                        | — | Yes                                                                                                                                                                                                                                                                                                                                                        |

### General

|               |                |                |                |                |
|---------------|----------------|----------------|----------------|----------------|
| Control panel | 3 button 3 LED | 7 button 3 LED | 3 button 3 LED | 7 button 3 LED |
|---------------|----------------|----------------|----------------|----------------|

### Power

|         |                                   |
|---------|-----------------------------------|
| Adapter | AC adapter ( 100 - 240V 50/60Hz ) |
|---------|-----------------------------------|



# TD-4D range

## in detail

continued

|          |          |           |           |             |             |               |
|----------|----------|-----------|-----------|-------------|-------------|---------------|
| TD-4210D | TD-4410D | TD-4420DN | TD-4520DN | TD-4550DNWB | TD-4420DNFC | TD-4550DNWBFC |
| 4 Inch   |          |           |           |             |             |               |

### Software

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               |                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Operating system support | Windows 7/8/8.1/10/11<br>Linux                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Windows 7/8/8.1/10/11<br>Windows Server 2008/2008R2/2012/2012R2/2016<br>Linux | Microsoft Windows 10, 11<br>Microsoft Windows Server 2016,2019,2022<br>Linux |
| Supported commands       | Raster<br>ESC/P<br>P-touch Template<br>ZPL 2 emulation<br>CPCL emulation<br>EPL 2 emulation<br>DPL emulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                               |                                                                              |
| Barcode symbologies      | Linear: CODE 39, ITF(I-2/5), EAN-8(JAN8), EAN-13(JAN13),<br>UPC-A, UPC-E, CODABAR (NW-7), CODE 128, GS1-128<br>(UCC/EAN 128), GS1 Databar (Standard (Omnidirectional)/<br>Truncated/Stacked/Stacked Omnidirectional/<br>Limited/Expanded), CODE93, POSTNET, UPC/EAN EXTENSION, MSI,<br>Intelligent Mail Barcode<br>2-dimensional: QR Code<br>(model 1, model 2, micro QR),<br>Maxicode, PDF417 (Standard, Truncate, MicroPDF417)<br>Data Matrix (ECC200 Square, ECC200 Rectangular) Aztec                                                                                                                                                                                                                                                  |                                                                               |                                                                              |
| Internal fonts           | <ESC/P><br>BMP: 9<br>LetterGothicBold: 3 ( 15,21,28dot)<br>Helsinki: 3 ( 15,21,28dot)<br>Gothic: 3 ( 16,24,32dot)<br><br><ESC/P><br>Outline: 4<br>LetterGothicRegular<br>Helsinki, Brussels, Gothic<br>1 dots - 400 dots<br><br><ZPL><br>BMP: 10<br>LetterGothicBold: 5( 9,11,18,26,60dot)<br>Symbol: 1 ( 24dot)<br>OCR-A: 2 ( 21,34dot)<br>OCR-B: 2 ( 28,42dot)<br>Outline: 1<br>UtahCondensedBold<br>1 dots - 400 dots<br><br><P-touch Template><br>BMP: 20<br>LetterGothicBold: 4 ( 16,24,32,48dot )<br>Helsinki: 4 ( 16,24,32,48dot )<br>Brussels: 3 ( 24,32,48dot )<br>Brougham: 3 ( 24,32,48dot )<br>San Diego: 3 ( 24,32,48dot )<br>Gothic: 3 ( 16,24,32dot)<br><br>Outline: 4<br>LetterGothicRegular<br>Helsinki, Brussels, Gothic |                                                                               |                                                                              |

### Memory

|       |       |
|-------|-------|
| RAM   | 256MB |
| Flash | 64MB  |

### Environmental

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Operating temperature | Operate: 5°C to 40°C                                           |
| Operating humidity    | 20 ~ 85% (No condensation, Maximum wet bulb temperature: 27°C) |
| Storage temperature   | -20°C to 60°C                                                  |
| Storage humidity      | 10% to 90% non-condensing                                      |

### Weights & Dimensions

|                 |                             |                             |
|-----------------|-----------------------------|-----------------------------|
| Dimensions (mm) | 180 (w) x 224 (d) x 155 (h) | 180 (w) x 255 (d) x 155 (h) |
| Weights         | 2.08kg                      | 2.49kg                      |

### Included Items

|                 |                         |                                   |
|-----------------|-------------------------|-----------------------------------|
| Supplied in box | Printer                 | Printer with cutter pre-installed |
|                 | AC power cord & adaptor |                                   |
|                 | USB (A to B) Cable, 1m  |                                   |
|                 | Documentation           |                                   |
|                 |                         | Label support                     |

# TD-4T range

## in detail

TD-4420TN

TD-4520TN

TD-4650TNWB

TD-4750TNWB

TD-4650TNWBR

TD-4750TNWBR

### 4 Inch

#### Printing

|                       |                                                         |                  |                                                                                                                                                       |                    |                                                             |                    |
|-----------------------|---------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------|--------------------|
| Print technology      | Thermal Transfer/Direct Thermal                         |                  |                                                                                                                                                       |                    |                                                             |                    |
| Print speed           | 152mm/sec (6ips)                                        | 127mm/sec (5ips) | 203.2mm/sec (8ips)                                                                                                                                    | 152.4mm/sec (6ips) | 203.2mm/sec (8ips)                                          | 152.4mm/sec (6ips) |
| Resolution            | 203dpi                                                  | 300dpi           | 203dpi                                                                                                                                                | 300dpi             | 203dpi                                                      | 300dpi             |
| Max. print width      | 108mm                                                   | 105.7mm          | 108mm                                                                                                                                                 | 105.7mm            | 108mm                                                       | 105.7mm            |
| Min. print length     | Peeler: 25.4 mm,<br>Cutter: 25.4mm Tear: 50mm           |                  | Continuous: 5mm Tear mode: Media width less than 2 inch: 25.4 mm<br>Media width greater than 2 inch: 50 mm Peeler mode: 25.4mm<br>Cutter mode: 25.4mm |                    |                                                             |                    |
| Max. print length     | 25,400mm                                                | 11,430mm         | 25,400mm                                                                                                                                              | 11,430mm           | 25,400mm                                                    | 11,430mm           |
| Media sensor type     | Gap (Transmissive), Bar (Reflective)                    |                  |                                                                                                                                                       |                    |                                                             |                    |
| Media sensor location | Gap (Fixed), Reflective (Adjustable)                    |                  |                                                                                                                                                       |                    |                                                             |                    |
| Tear off release mode | Standard: Continuous, Tear off Optional: Peeler, Cutter |                  | Standard: Continuous, tear off<br>Optional: Peeler, Cutter                                                                                            |                    | Standard: Continuous, tear off<br>Optional: Peeler, Cutter* |                    |

#### Media

|                     |                                                            |                                                                                    |                                                                                                   |
|---------------------|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Media types         | Wristbands, Continuous, Die cut, Fan fold, Perforated, Tag | Media type Continuous, black mark, label with gap, notch media, punched hole media | Media type Continuous, black mark, label with gap, notch media, punched hole media, Gen2 RFID tag |
| Media thickness     | 0.06 - 0.19mm                                              |                                                                                    |                                                                                                   |
| Media width         | 20 - 112mm                                                 |                                                                                    |                                                                                                   |
| Media length        | 5mm - Max. print length                                    |                                                                                    |                                                                                                   |
| Diameter (max)      | 127mm                                                      |                                                                                    |                                                                                                   |
| Core Diameter (min) | 25.4mm & 38.1mm<br>(1.0 inch & 1.5 inch)                   | 25.4mm & 38.1mm                                                                    |                                                                                                   |

#### Ribbon

|                                  |                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Types                            | Wax, Wax/Resin, Resin                                                                                                                                                                                                                  |
| Wound type                       | Outside wound                                                                                                                                                                                                                          |
| Ribbon width                     | 40 - 110mm                                                                                                                                                                                                                             |
| Suggested paper core width       | 0.5 inch paper core: fixed width 110mm, width 2 notches in each side<br>1inch paper core: fixed width 110mm with 2 notches in each side<br>1inch paper core: paper core width is the same as ribbon width and use with ribbon spindles |
| Inner paper core & ribbon length | 0.5 inch paper core:<br>Max. OD 40mm, 110m length<br>1inch paper core:<br>Max. OD 67mm,<br>300m length                                                                                                                                 |

#### Connectivity

|                       |                                     |     |                                                                                                                                                                                                                                                 |     |     |     |
|-----------------------|-------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|
| USB                   | USB version 2.0 (full speed) Type B |     | USB Version 2.0 (High Speed)                                                                                                                                                                                                                    |     |     |     |
| USB host capability   | Yes                                 | Yes | Yes                                                                                                                                                                                                                                             | Yes | Yes | Yes |
| Serial                | Serial RS232C (DB9 female)          |     | Serial RS232C (DB9 female)                                                                                                                                                                                                                      |     |     |     |
| Wired LAN             | 10/100BASE-TX                       |     |                                                                                                                                                                                                                                                 |     |     |     |
| USB host port         | Yes                                 | Yes | Yes                                                                                                                                                                                                                                             | Yes | Yes | Yes |
| Bluetooth             | —                                   |     | Version 5.0                                                                                                                                                                                                                                     |     |     |     |
| Bluetooth profile     | —                                   |     | SPP, Bluetooth Classic, GATT                                                                                                                                                                                                                    |     |     |     |
| Wireless LAN          | —                                   |     | 802.11a/b/g/n                                                                                                                                                                                                                                   |     |     |     |
| Wireless LAN security | —                                   |     | Authentic method (encryption scheme)<br>Infrastructure mode - Open system (None/ WEP64/WEP128)<br>Common key authentication (WEP) WPA/WPA2 - PSK (TKIP+AES)<br>EAP-FAST (TKIP/AES), PEAP (TKIP/AES), EAP-TLS (TKIP/AES),<br>EAP-TTLS (TKIP/AES) |     |     |     |
| MFI support           | —                                   |     | —                                                                                                                                                                                                                                               |     |     |     |
| AirPrint              | —                                   |     | —                                                                                                                                                                                                                                               |     |     |     |
| Wired LAN             | Yes                                 | Yes | Yes                                                                                                                                                                                                                                             | Yes | Yes | Yes |

\* Not suitable for RFID media

# TD-4T range

## in detail

continued

TD-4420TN

TD-4520TN

TD-4650TNWB

TD-4750TNWB

TD-4650TNWBR

TD-4750TNWBR

4 Inch

### General

|               |                               |                                                                            |
|---------------|-------------------------------|----------------------------------------------------------------------------|
| Control panel | 1 button 1 LED with 3 colours | 1 LED with 3 colours, 6 buttons for Navigation, MENU and FEED/PAUSE/SELECT |
| LCD type      | —                             | Colour                                                                     |

### Power

|         |                                                                               |                                                                                            |
|---------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Adapter | AC adapter Input: AC 100-240V, 2.0A, 50-60Hz<br>Output: DC24V, 2.5A, 60W, LPS | AC adapter Input: AC 100-240V, 2.0A, 50-60Hz<br>Output: DC 24V, 3.75A, 90W CEC6 compliance |
|---------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

### Software

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating system support   | Windows 7, 8, 8.1, 10, 11<br>Windows Server 2008, 2008 R2, 2012, 2012 R2, 2016, 2019<br>Linux<br>Mac OS v10.6-11                                                                                                                                                                                                                                                                                                                                                                             |
| Supported printer commands | FBPL-EZD<br>(EPL 2, ZPL 2, DPL) emulation                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Barcode symbologies        | Linear: Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, 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, Code11, TELEPEN, TELEPENN, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS<br>2-dimensional: GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417 |
| Internal fonts             | 8 alpha-numeric<br>bitmap fonts for FBPL<br>Monotype Image®<br>true type font engine<br>with one CG Triumvirate<br>Bold Condensed scalable font                                                                                                                                                                                                                                                                                                                                              |

### Memory

|       |       |       |
|-------|-------|-------|
| RAM   | 64MB  | 128MB |
| Flash | 128MB |       |

### Environmental

|                       |                            |
|-----------------------|----------------------------|
| Operating temperature | Operate: 5°C to 40°C       |
| Operating humidity    | 25 - 85% non-condensing    |
| Storage temperature   | -40°C to 60°C              |
| Storage humidity      | 10 - 90% (No condensation) |

### Weights & Dimensions

|                 |                             |                          |
|-----------------|-----------------------------|--------------------------|
| Dimensions (mm) | 204 (w) x 280 (d) x 164 (h) | 219(w) x 284(d) x 191(h) |
| Weights         | 2.5kg                       | 3.0kg                    |

### Included Items

|                 |                                                                                                                    |                                                                                                                                                                                  |
|-----------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supplied in box | AC adaptor & cord, USB cable, documentation.<br>Pair of 1" Ribbon spindles for 300M ribbon<br>1" ribbon paper core | Printer AC cord & adaptor A pair of 1" Ribbon spindles for 300M ribbon<br>1" ribbon paper core USB Cable (1.5m) Quick Start Guide Product Safety Guide (including warranty card) |
|-----------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|





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