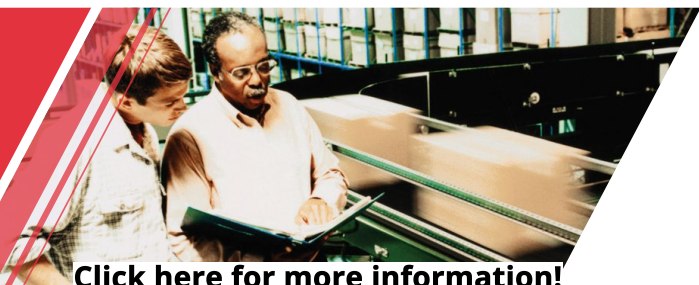


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## TTP-286MT SERIES – Industrial Thermal Transfer Bar Code Printer PRECISION AND HIGH PERFORMANCE IN A WIDE-FORMAT PRINTER



### KEY FEATURES

- 4.3" touch LCD display with 6-button menus
- Ethernet, USB 2.0, serial, parallel and USB Host\*1 connectivity are standard.
- Die-cast chassis, sheet metal structure with clear media view window
- Can manage label widths up to 241.3 mm (9.5") with a maximum print width up to 219.5 mm (8.64") wide at 300 dpi high resolution
- 600 meter ribbon supply
- 512 MB Flash and 256 MB SDRAM memory
- SD Flash memory expansion up to 32 GB
- Up to 6" per sec. print speed for 203 dpi, and 4" per sec. print speed for 300 dpi
- Powerful basic programming tools
- Options include: GPIO connectivity, Bluetooth module and cutter module

### APPLICATIONS

- Compliance Labeling for Shipping & Receiving
- Brand Marketing Featuring Graphics, Logos & Texts
- Pallet Labeling
- Inventory Control Labeling
- Warning Labels
- Drum Labeling
- Custom Signage
- Multiple-up Labels (two or three labels across)

## TTP-286MT SERIES – Industrial Thermal Transfer Bar Code Printer

| PRINTER MODEL             | TTP-286MT                                                                                                                                                                                                                                                                                                                                                      | TTP-384MT                   |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Resolution                | 8 dots/mm (203 DPI)                                                                                                                                                                                                                                                                                                                                            | 12 dots/mm (300 DPI)        |
| Printing method           | Thermal Transfer & Direct Thermal                                                                                                                                                                                                                                                                                                                              |                             |
| Max. print speed          | 152 mm (6")/second                                                                                                                                                                                                                                                                                                                                             | 102 mm (4")/second          |
| Max. print width          | 216 mm (8.5")                                                                                                                                                                                                                                                                                                                                                  | 219.5 mm (8.64")            |
| Max. print length         | 11,430 mm (450")                                                                                                                                                                                                                                                                                                                                               | 5,080 mm (200")             |
| Enclosure                 | Die-cast chassis/Sheet metal structure with clear media view window                                                                                                                                                                                                                                                                                            |                             |
| Physical dimension        | 440 mm (W) x 336 mm (H) x 514 mm (D)<br>17.32" (W) x 13.23" (H) x 20.24" (D)                                                                                                                                                                                                                                                                                   |                             |
| Weight                    | 23.7 kg (N.W)                                                                                                                                                                                                                                                                                                                                                  |                             |
| Label roll capacity       | 208.3 mm (8.2") OD                                                                                                                                                                                                                                                                                                                                             |                             |
| Ribbon                    | 600 m long, Max. 90 mm OD, 1" core (ink coated outside)                                                                                                                                                                                                                                                                                                        |                             |
| Ribbon width              | 110 mm ~ 254 mm (4.3" ~ 10")                                                                                                                                                                                                                                                                                                                                   |                             |
| Processor                 | 32-bit RISC CPU                                                                                                                                                                                                                                                                                                                                                |                             |
| Memory                    | <ul style="list-style-type: none"> <li>• 512 MB Flash memory</li> <li>• 256 MB SDRAM</li> <li>• SD Flash memory card reader for Flash memory expansion, up to 32 GB</li> </ul>                                                                                                                                                                                 |                             |
| Interface                 | <ul style="list-style-type: none"> <li>• RS-232</li> <li>• Centronics</li> <li>• USB 2.0</li> <li>• Internal Ethernet, 10/100 Mbps</li> <li>• USB host, for scanner or PC keyboard</li> <li>• GPIO (factory option)</li> <li>• Bluetooth (user option)</li> </ul>                                                                                              |                             |
| Power                     | Internal universal switching power supply<br><ul style="list-style-type: none"> <li>• Input: AC 100~240V, 3.0A, 50~60Hz</li> <li>• Output: DC 24V, 8.33A, 200W</li> </ul>                                                                                                                                                                                      |                             |
| LCD                       | 16 bits Color, 480 x 272 pixels, with back lights, Resistive Touch Screen                                                                                                                                                                                                                                                                                      |                             |
| Operation switch, button  | 1 power switch, 6 operation buttons (Menu, Pause, Feed, Up, Down, Select)                                                                                                                                                                                                                                                                                      |                             |
| Sensors                   | <ul style="list-style-type: none"> <li>• Gap transmissive sensor (position adjustable)</li> <li>• Black mark reflective sensor (position adjustable)</li> <li>• Ribbon end sensor</li> <li>• Ribbon Encoder sensor</li> <li>• Head open sensor</li> </ul>                                                                                                      |                             |
| Real time clock           | Standard                                                                                                                                                                                                                                                                                                                                                       |                             |
| Internal fonts            | <ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> </ul>                                                                                                                                                                       |                             |
| Bar code                  | <ul style="list-style-type: none"> <li>• 1D bar code<br/>Code 39, Code 93, Code 128UCC, Code 128 subsets A,B,C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11</li> <li>• 2D bar code<br/>PDF-417, Maxicode, DataMatrix, QR code, Aztec</li> </ul> |                             |
| Font and barcode rotation | 0, 90, 180, 270 degree                                                                                                                                                                                                                                                                                                                                         |                             |
| Printer language          | TSPL-EZ™ (Compatible to EPL, ZPL, ZPL II)                                                                                                                                                                                                                                                                                                                      |                             |
| Media type                | Continuous, die-cut, fan-fold, tag, notched, black mark, perforated (outside wound)                                                                                                                                                                                                                                                                            |                             |
| Media width               | 101.6 ~ 241.3 mm (4" ~ 9.5")                                                                                                                                                                                                                                                                                                                                   |                             |
| Media thickness           | 0.06 ~ 0.254 mm (2.36 ~ 10 mil)                                                                                                                                                                                                                                                                                                                                |                             |
| Media core diameter       | 76.2 mm (3")                                                                                                                                                                                                                                                                                                                                                   |                             |
| Label length              | 25.4 ~ 11,430 mm (1" ~ 450")                                                                                                                                                                                                                                                                                                                                   | 25.4 ~ 5,080 mm (1" ~ 200") |
| Environment condition     | Operation: 5 ~ 40°C, 20 ~ 85% non-condensing<br>Storage: -40 ~ 60°C, 10 ~ 90% non-condensing                                                                                                                                                                                                                                                                   |                             |
| Safety regulation         | FCC Class A, CE Class A, UL, CUL, TÜV/Safety                                                                                                                                                                                                                                                                                                                   |                             |
| Environmental concern     | Comply with RoHS, WEEE                                                                                                                                                                                                                                                                                                                                         |                             |
| Accessories               | <ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• Ribbon paper core</li> </ul>                                                                                                                                                                     |                             |
| Limited warranty          | <ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 25 km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50 km (2 million inches) or 12 months which comes first</li> </ul>                                                                                                                                 |                             |
| Factory options           | • GPIO interface                                                                                                                                                                                                                                                                                                                                               |                             |
| Dealer options            | N/A                                                                                                                                                                                                                                                                                                                                                            |                             |
| User options              | <ul style="list-style-type: none"> <li>• Guillotine cutter (full cut)</li> <li>• Heavy duty cutter (full cut)</li> <li>• Bluetooth module (serial interface)</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul>                                                                                        |                             |



### CORPORATE HEADQUARTERS

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 2 2218 6789  
E-mail: apac\_sales@tscprinters.com

### LI ZE PLANT

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 3 990 6677  
E-mail: apac\_sales@tscprinters.com

### AMERICAS

**TSC Auto ID Technology America Inc.**  
Tel: +1 657 258 0808  
E-mail: americas\_sales@tscprinters.com

### MEXICO

**TSC Mexico Representative Office**  
Tel: +52 (33) 3165 7379  
E-mail: americas\_sales@tscprinters.com

### BRAZIL

**TSC Brazil Representative Office**  
Tel: +55 (11) 99597 8098  
E-mail: americas\_sales@tscprinters.com

### EMEA

**TSC Auto ID Technology EMEA GmbH**  
Tel: +49 (0) 8106 37979 00  
E-mail: emea\_sales@tscprinters.com

### RUSSIA

**TSC Auto ID Technology EMEA GmbH**  
Tel: +7 495 249 9017  
E-mail: emea\_sales@tscprinters.com

### MIDDLE EAST

**TSC Auto ID Technology ME Ltd, FZE**  
Tel: +971 4 2533 069  
E-mail: emea\_sales@tscprinters.com

### ASIA PACIFIC

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 2 2218 6789  
E-mail: apac\_sales@tscprinters.com

### CHINA

**Tianjin TSC Auto ID Technology Co., Ltd.**  
Tel: +86 22 5981 6661  
E-mail: apac\_sales@tscprinters.com

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