



## TTP-248M Series

### High resolution thermal transfer bar code printer

#### High-Demand Industrial Printer

The TSC TTP-248M series of industrial thermal printers offers the right features at the best value in the industry. A true workhorse, the TTP-248M features rugged all-metal construction and durable mechanism ensuring the ability to work under extreme industrial applications.

Designed for ease-of use, the TTP-248M includes a large error warning light with a buzzer, adjustable gap and black-mark sensors, and a mechanism that makes loading labels and ribbons simple.

#### Features Include

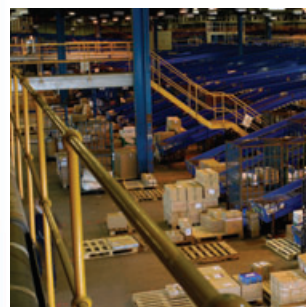
- Bright LCD display control panel
- Easily adjustable sensors
- Print head pressure adjustment knobs
- Unique ribbon handler design allows the printer to use either outside or inside coated ribbon
- Flexible firmware structure allows the printer to emulate popular printer languages
- 203dpi printing resolution
- Internal rewind and present sensor
- Fast label throughput

The TTP-248 is loaded with the industry's most popular features and offers a selection of options and accessories to further enhance its capabilities to meet the demands of a wide range of printing solutions. Standard features include 4MB DRAM memory, 2MB Flash memory, internal rewind with present sensor and an easy to read LCD display. Popular options include a stand-alone keyboard, cutter module and an internal Ethernet adaptor that makes integrating into networked systems a snap.

#### Popular Options Include

- Affordable cutter module
- Internal Ethernet adapter for networked environments
- Memory expansion module - up to 8MB

**Maxatec**  
barcode printers



**TSC**  
Connecting Your Thermal Printing Needs.™

[www.maxatec-europe.com](http://www.maxatec-europe.com)

# TTP-248M Series

Standard Features	
Print Method	Thermal Transfer and/or Direct Thermal
Resolution	203 dpi (8 dots/mm)
Printing Speed	50mm, 100mm, 152mm, 203mm per second (2, 4, 6, 8, 10 ips)
Maximum Print Width	104mm (4.09")
Print Length	10mm - 1,000mm (0.4" - 39.4")
Memory	2MB Flash memory, 4MB DRAM memory
Sensors	Adjustable gap/black-mark sensor, ribbon end, print head open, peel-off sensors
Cabinet	Metal construction with view window
Operation Panel	LCD display (122 x 64 pixel), LED (Power, Error, On line), Switch (Pause, Feed, Menu)
Dimensions	301mm W x 505mm D x 310mm H (12.2"W x 19.5"D x 12.2"H)
Net Weight	19.5kg (43 lbs)
Command Set	TSPL
Other	Internal Rewinder
Operational Characteristics	
Communication Interfaces	RS232 and Centronics Parallel Ports, USB, Ethernet optional
Software	Nice Label or Label View XLT+™ and Windows® Drivers
Operating Temperature	5°C to 40°C (40°F to 104°F)
Storage Temperature	-10°C to 60°C (14°F to 140°F)
Electrical	100 - 240VAC, 50/60Hz switching power supply
Agency Approval	CE, FCC Class A, UL, CUL, TUV/GS

Media	
Media Thickness	0.06mm - 0.25mm (0.002" - 0.01")
Media Type	Roll-fed, fan-fold, continuous labels, die-cut, perforated, continuous ticket/tag
Media Width	19mm - 118mm (0.7" - 4.65")
Media Diameter (max.)	203mm OD (8" OD) with 25mm or 76mm core (1" or 3" core)
Ribbon Core Diameter	25.4mm (1") CSO or CSI Ribbons
Ribbon Width	25.4mm - 110mm (1" - 4.3")
Maximum Ribbon Length	450m (1,476 ft.)
Fonts, Graphics, Symbolologies	
Bar Code Symbolologies	Code 39, Code 93, Code 128UCC, Code 128 subsets A.B.C., Code 11, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 and 5 digits add-on, CPOST, MSI, PLESSEY, POSTNET
2-D Bar Code Symbolologies	PDF-417, Maxicode, DataMatrix
Residential Fonts	Five alphanumeric fonts, OCR-A, OCR-B and One true type font
Font Rotation	0°, 90°, 180°, 270°
Options and Accessories	
Stand-Alone KDU	KU-007 Plus Keyboard Display Unit
Interfaces	USB, RS-422/485 interfaces, internal Ethernet interface
Cutter	4" width rotary or knife type cutter (media thickness upto 0.28mm)
International Fonts	Chinese, Japanese Kanji, and Korean font cards
Memory Expansion	Flash memory expansion module upto 8MB

All manufacturers trademarks acknowledged. Specifications subject to change without notice.  
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