






# The Industrial Direct Thermal Solutions



## M5900Rve Printer

The M5900Rve direct thermal industrial printers are ideal for a range of applications, including:

-  **Compliance Labeling**
-  **Shipping/Receiving**
-  **WMS**
-  **Retail Labeling**
-  **Ticketing**

### Designed for Demanding Direct Thermal Applications

The M5900Rve offers long life print heads with 2,000,000 linear inches warranty. The printer mechanism is optimized for direct thermal media use.

### Industry Leading Throughput

The M5900Rve uses a powerful 32-bit RISC processor and high-speed interface to deliver excellent performance at an outstanding value.

### Rugged Industrial Design

The M5900Rve's heavy-duty metal construction is designed specifically for direct thermal applications and delivers optimum performance in the most demanding environments.



Performs best with  
**Techno**  
THERM®  
Labels & Ribbons

# SPECIFICATIONS



	M5900Rve
<b>Printing Method</b>	Direct Thermal
<b>Print Resolution</b>	203 dpi (8 dots/mm)
<b>Print Speed</b>	6" (125 mm) per second
<b>Media Width</b>	5.15" (128 mm)
<b>Max. Print Width</b>	4.4" (112 mm)
<b>Min. Print Length</b>	0.5" (12.7 mm)
<b>Max. Print Length</b>	49.2" (1249 mm)
<b>Dimensions</b>	10.28" W x 12.67" D x 11.23" H (261 mm W x 322 mm D x 285 mm H)
<b>Weight</b>	22.7 lbs (10.3 kg)

## Memory:

- 16 MB Standard RAM
- 2 MB Standard Flash
- 4 MB Flash - Optional
- 1 MB or 256k PCMCIA - Optional

## Processor:

32-BIT RISC

## Media:

Roll-fed or fan-fold, die-cut or continuous direct thermal labels, synthetics, and tag stock with or without black mark, gap, or notch.

- Max. Caliper: 0.01" (0.25 mm)
- Max. Roll Diameter: 6" (152 mm)
- Wind: Face-In

## Sensing:

Adjustable transmissive sensor for gap. Reflective sensor for black mark. Automatic, programmable setting of top of form. Label present sensor - optional with label dispenser. Ribbon-out sensor

## Plug-In Interface Modules:

- Serial - RS232 (up to 57.6k bps)
- Parallel - IEEE1284 (ECP)
- Ethernet - 10/100BaseT
- Wireless 802.11g
- Twinax/Coax
- RS422/485
- USB (Factory Installed)

## Barcode Symbologies:

**Elementary:** UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™

**2-Dimensional:** PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology

## Fonts:

Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Scalable Internal CG Triumvirate® & CG Times® fonts. Optional Downloaded TrueType® fonts, scalable from 8 to 72 points.

## Barcode & Font Formatting:

360° rotation of barcodes and text, character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

## Graphic Support:

Printing & storage of .PCX, .BMP format, SATO Hex/binary

## Software:

- Windows® Drivers (Windows® 2000, XP, 2003, Vista and Windows 7)
- Label Software (*Label Gallery Free*)
- Printer Utilities

## Electrical Requirements:

115V/220V (± 10%), 50/60 Hz (± 1%)  
(Jumper switch required)

Agency Certifications: CE, UL, CSA, TÜV

## Environmental Requirements:

Operating: 41° to 104°F (5° to 40°C)

15-85% RH, non-condensing

Storage: 23° to 140°F (-5° to 60°C)

Max. 90% RH, non-condensing

EDS: 8kV

## Optional Features:

Label Cutter, Label Dispenser, Label Rewinder, Memory Expansion, Real Time Clock, Interface Plug-In Modules, Label Gallery



Memory Expansion



Plug-In Interface Modules



Software



Rewinder

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