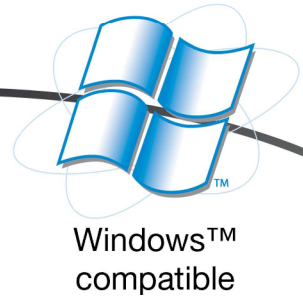
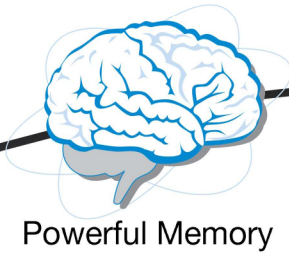
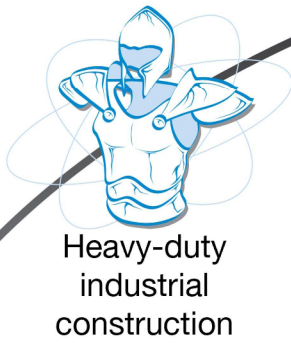




M84Pro

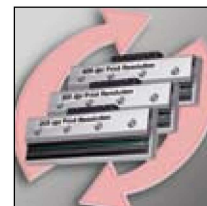
Heavy-Duty Industrial Barcode Printer For the Most Demanding of Applications



Designed for heavy industrial use



Easy connectivity



Maximum print resolution can be increased using optional swap-in print heads

M84Pro

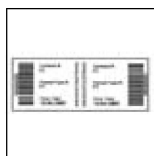
General Specifications



| PRINTING SPECIFICATION | | | |
|---|-------------------------|--|--|
| Printing Method | | Direct Thermal, Thermal Transfer | |
| Print Resolution, dots/mm (dpi) | | 8 dots/mm (203dpi) | 12 dots/mm (305dpi) 24 dots/mm (609dpi) |
| Max. Print Area | Width, mm (inch) | 104 mm (4.1") | |
| | Length, mm (inch) | 1249 mm (49.2") | 833 mm (32.8") 356 mm (14") |
| Print Speed, mm/sec | | Up to 254 mm/sec (10 ips) | Up to 203 mm/sec (8 ips) Up to 152 mm/sec (6 ips) |
| CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO) | | | |
| Sensor Type | | Reflective sensor for media with I-mark Adjustable see-through sensor for die-cut media | |
| Media Type | | Die-cut labels; Fanfold; Tag Stock or Continuous | |
| Media Size | Width, mm | 22 ~ 125 mm | |
| | Length, mm | 6 ~ 397 mm (9 ~ 400 mm with backing paper) | |
| | Thickness, mm | 0.08 ~ 0.21 mm | |
| | Core Diameter, mm | 76.2 mm | |
| | Outer Diameter, mm | 218.4 mm | |
| Ribbon | Width, mm | 111 mm | |
| | Length, m | 450 m | |
| FONT / SYMBOLOGIES | | | |
| Font | Internal | XU, XS, XM, XB, XL, OCR-A, OCR-B; Outline Font; CG Font: CGTimes, CGTriumvirate | |
| | Downloadable | TrueType Font | |
| Barcode symbologies | 1-Dimension | UPC-A/E, JAN8/13, EAN8/13, CODE39, CODE93, CODE128, UCC/EAN128, NW-7, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, BookLand, POSTNET, RSS-14 | |
| | 2-Dimension | QR Code (Ver. 8.1); PDF417 (Ver. 2.4: Including Micro PDF417); MAXI Code (Ver. 3.0); Data Matrix ECC 200 (Ver. 2.0) | |
| INTERFACE CHARACTERISTICS | | | |
| Processor | | 32-bit RISC | |
| Optional interface | | Serial: RS-232C ; Parallel: IEEE 1284, Centronics; LAN: 10/100BaseT, IEEE 802.11b; USB | |
| OPERATING CHARACTERISTICS | | | |
| Power Requirements | | AC110 / 220V (+/- 10%), 50/60 Hz (+/- 1%) | |
| Environment | Operating | 5 ~ 40°C / 15 ~ 85% RH (w/out condensation) | |
| | Storage | -5 ~ 60°C / 15 ~ 90% RH (w/out condensation) | |
| | ESD Immunity | 8kV | |
| Regulatory Approvals | | FCC (Class B), CE, TÜV, UL, CSA, CCC | |
| Dimension (W x D x H), weight | | W265 x D435 x H341 mm / Approx. 18kg | |
| ACCESSORIES | | | |
| Cutter, Dispenser, Rewinder, Memory Expansion, PCMDCIA Add-on Memory, Real-Time Clock | | | |
| OTHERS | | | |
| Function | Useful Features | Hex dump, custom character design, sequential numbering, form storage & recall for faster data retrieving of complex format, applicator interface | |
| | Self Diagnosis Checking | Head Check, Paper End Detection, Ribbon End / Near-End Detection (remaining 15~30m), Auto Sensing for Continuous Forms, Memory Card Error Detection, Auto Print Head Detection, Test Print | |

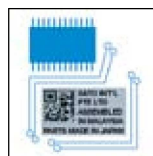
* Measurements are approximate values

Recommended applications



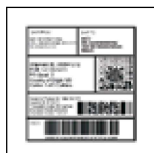
Construction / Industrial

The 203 dpi solution is suitable for printing simple labels with human-readable characters, without the need to print either 2D-code or graphics.



Semiconductor / Electronics

This high resolution 609 dpi solution is ideal for printing tiny label stickers for electronic peripherals such as PCBs, hard disk drives, and other small electronic components in both linear and 2D-code.



Warehousing / Logistics

305 dpi is the standard resolution used for logistics (such as printing shipping labels) Capable of supporting small barcodes, 2D-code, as well as simple graphics



Manufacturing

Where small & precise printouts, heat tolerance, speed & bulk printing is required, SATO is able to adhere to the most stringent standards.