M84Pro

HEAVY DUTY INDUSTRIAL PRINTER FOR THE MOST DEMANDING APPLICATIONS

FEATURES

- Heavy Duty Industrial Construction
- Semiconductor / Electronics
- Variable Print Resolution
- Windows Compatible
- Powerful Memory
- Easy Connectivity

APPLICATIONS

- Electronics Manufacturing
- Primary Product Industry
- Distribution Centre
- Warehouse
- General Ticketing

M84Pro

PRINTING SPECIFICATION		M84Pro		
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)	104mm (4.1")		
	Length, mm (inch)	1249mm (49.2")	833mm (32.8")	356mm (14")
Print Speed, mm/sec (ips)*		Up to 254mm/sec (10 ips)	Up to 203mm/sec (8 ips)	Up to 152mm/sec (6 ips)
CPU		32 bit RISC		
Printer Memory		2MB Standard, 4MB Flash Memory Module (option), 16MB PCMCIA (option)		

CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)					
Sensor Type			I-Mark Sensor (Reflective), Label Gap Sensor (Transmissive)		
Media Type			Roll or fan-fold die cut labels, Plain paper face stock, Synthetics and Continuous stock		
Media Thickness			0.08 – 0.26mm (0.003" – 0.01")		
Label Shape	Diameter		Max. outside diameter: Ø 218mm (8.6"), Core diameter: Ø 76.2mm (3")		
	Wind Direction		Face-in		
Label Size	Continuous	Width	22 – 125mm (0.87" – 4.92")	22 – 125mm (0.87" – 4.92")	22 – 125mm (0.87" – 4.92")
		Length	6 – 1249mm (0.24" – 49.2")	6 – 833mm (0.24" – 32.8")	6 – 356mm (0.24" – 14.0")
	Tear-Off	Width	22 – 125mm (0.87" – 4.92")	22 – 125mm (0.87" – 4.92")	22 – 125mm (0.87" – 4.92")
		Length	16 – 1249mm (0.63" – 49.2")	16 – 833mm (0.63" – 32.8")	16 – 356mm (0.63" – 14.0")
	Cutter	Width	22 – 125mm (0.87" – 4.92")	22 – 125mm (0.87" – 4.92")	22 – 125mm (0.87" – 4.92")
		Length	30 – 1249mm (1.18" – 49.2")	30 – 833mm (1.18" – 32.8")	30 – 356mm (1.18" – 14.0")
	Dispenser	Width	22 – 125mm (0.87" – 4.92")	22 – 125mm (0.87" – 4.92")	22 – 125mm (0.87" – 4.92")
		Length	30 – 1249mm (1.18" – 49.2")	30 – 833mm (1.18" – 32.8")	30 – 356mm (1.18" – 14.0")
Ribbon	Size		Width: 39.5mm (1.56") to 111mm (4.37"), Max. Length: 450m (1476')		
	Core Diameter		Ø 25.4mm (1")		
	Wind Direction		Face-in		

FONTS / SYMBOLOGIES		
Fonts	Standard Fonts	Bitmap Fonts Alphanumerical and Symbol: WB (18x30 dot), WL (28x52 dot), XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (15x22 dot), OCR-A (22x23 dot), OCR-B (20x24 dot), OCR-B (30x36 dot)
	Rasterized Fonts	CG Times, CG Triumvirate
Barcode	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128, GS1-128 (UCC /EAN128), Codabar (NW–7), Interleaved 2 of 5, Bookland (2/5 char add-on code), GS1 Databar (RSS14), Composite JAN/EAN-8/13; Composite UPC A/E; Composite GS1 128/CC
	2D Barcode	PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)
Print Rotation	Character Data / Barcode	0°, 90°, 180°, 270°

INTERFACE CHARACTERISTICS	
Optional Plug-in Interface	IEEE1284, Centronics parallel, RS232C (2400-19,200 Baud), RS232C highspeed (9,600-57,600 baud), USB (12Mbit/s), LAN (TCP/IP protocol 10/100BaseT), Wireless LAN 802.11b/g

OPERATING CHARACTERISTICS		
Power Requirements		Input voltage AC200-240V (optional 100-120V)/130W (peak)
Dimensions		(W x D x H): 265 x 435 x 341mm (10.4" x 17.1" x 13.4")
Weight		Approx. 18kg (39.7lbs)
Environment	Operating	5 – 40ºC / 15 – 85% RH (without condensation)
	Storage	-5 – 60ºC / 15 – 90% RH (without condensation)
	ESD Immunity	8kV

MISCELLANEOUS		
Regulatory Approvals		FCC (Class B), CE, TÜV, UL, CSA, CCC
Certifications		FCC, UL, CSA, CCC, CE, ROHS compliant
Function	Useful Features	Hex dump, Custom character design, Sequential numbering, Form storage and 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

OPTIONS	
Accessories	Cutter, Dispenser, Rewinder, Memory Expansion, PCMCIA Add-on Memory, Real-Time Clock, SATO Label Gallery™

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