



# 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

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 Alphanumeric 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 – 40°C / 15 – 85% RH (without condensation)
	Storage
-5 – 60°C / 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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## About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

## Reasons to work with us

**Our customers come first.** Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

**The best brands.** We offer products from the best manufacturers worldwide.

**Expert technical support team.** Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

**Largest stock.** We have a permanent stock of more than 12,000 products.

**Same-day shipping.** For all orders placed and confirmed before 16:00 on working days.

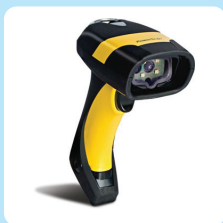
**Best prices.** With Logiscenter, you can be sure that you are paying a fair price for your products we will not overcharge you.

**Easy returns.** Damaged or defective products can be returned easily, for an exchange or reimbursement.

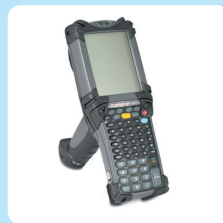
## Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables  
(labels, ribbons, PVC cards)

## Our Brands



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DATALOGIC™



datamax • o'neil

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