Monarch® 9854™ Tabletop Bar Code Printer
Product Specification

Monarch®
Products and Services

- Tabletop Printer
- Thermal Direct or Transfer
- On-demand or Continuous
- Prints Up to 8 ips
- Internal Liner Take-up Option
- Cutter Option

Standard Features

Dimensions:
Height - 10.7" (272 mm)
Width - 10.2" (260 mm)
Depth - 18.2" (462 mm)
Weight - 30.8 lbs. (14 kg)

Printing Method:
Thermal Direct or Thermal Transfer

Printhead:
203 dots/inch (8 dots/mm) OR
300 dots/inch (11.8 dots/mm)

Operator Interface:
On/Off, Feed, and three context-sensitive keys

Processor:
32-Bit 150 MHz Processor
Real Time Clock

Memory:
4 MB Flash, 16 MB SDRAM

Bar Code Types:
UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5,
Interleaved 2 of 5, Extended Code 39, Codabar (NW7),
Code 128, Code 93, MSI, PDF417, Postnet, MaxiCode,
Code 16K, Quick Response (QR Code), CC-Composite,
RSS, Codablock F, Code ITF, Postcode, Code 49

Standard Fonts:
17 fonts, 3 scalable
Supports downloaded TrueType™ fonts

Font Magnification:
1x to 8x

PC/Host Interface:
Mini Centronics Parallel
USB (Universal Serial Bus)
RS 232 Serial at 2,400 BPS to 115,200 BPS
Ethernet
PS/2 Keyboard Port
Foot Switch Jack
CF Card Slot

Printer Warranty:
One (1) year parts and labor.
Full written warranty statement available on request.

Printhead Warranty:
One (1) million inches or six (6) months, whichever occurs
first.

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Supplies

Only Monarch® or Avery Dennison supplies are recommended. Use non-perforated supplies in peel mode.

Supply Types:
Labels, Tags and Receipt Paper

Supply Thickness:
Width - 0.5" to 4.72" (13 mm to 105 mm)
Length - 39.4" (1000 mm)
Maximum Outer Diameter – 8.27" (210 mm)

Supply Thickness:
Labels – 4 to 10 mils

Maximum Print Area:
4.1 " x 39.35" (213 mm x 1000 mm)

Ribbon Sizes:

Ribbon Widths	Use with max. supply width
1.5" (38 mm)	1.2" (33 mm)
2" (51 mm)	1.7" (43 mm)
3.1" (79 mm)	2.8" (71 mm)
3.5" (89 mm)	3.2" (81 mm)
4.2" (108 mm)	3.9" (107 mm)
4.5" (114 mm)	4.2" (107 mm)

Ribbon Length:
17,716" (450 meters)

About Ribbons:
The width of the ribbon should be at least 0.3" (8 mm) greater than the supply width. Using a ribbon wider than your supply helps protect the printhead.

Environment Ranges

Operating Temperature:
41° to 104° F (4° to 38° C)

Storage:
15° to 120° F (-4° to 60° C)

Humidity/Operating and Storage:
30% to 85% non-condensing.

Protection Class:
IP41

Noise:
70 dba maximum

Performance

Power Source:
100-240 VAC with auto select 50/60 Hz
Optional 24 VDC regulator

Image Support:
BMP, PCX, JPG, TIF, GIF

Print Speed:
6.0 ips (152 mm) - with 300 dots/inch
8.0 ips (203 mm)

Options

- RS 422/485 interface

Accessories

- Foot Switch for on-demand on-demand mode
- PS/2 Keyboard for offline data entry
- Cutter
- External Rewinder
- Catch Tray

- Documentation available at www.monarch.com
- Nice Label SE available at www.monarch.com

In our ongoing effort to deliver the best technology, specifications are subject to change without notice.