

Avery Dennison® Monarch® Tabletop Printer 1

The Avery Dennison® Tabletop Printer 1 (ADTP1™) is built to accelerate your barcode and RFID label and tag printing. Quickly and accurately identify items and cartons and move merchandise throughout your supply chain.

Perfect for creating:

- Carton/pallet labels
- Retail compliance labels
- Item-level labels
- Work in-process labels
- Hang tags
- Asset tracking labels

NON-STOP RFID PRINT/ENCODE

The ADTP1 features patented non-stop print/encode technology that's up to three times faster than traditional stop-to-encode printers.

Additionally, its exclusive integrated RFID EPC verifier helps ensure defective tags are eliminated.

REDUCE VENDOR CHARGEBACKS

Optional barcode verifier overstrikes “bad labels and tags” for virtually 100% scanability, leading to fewer chargebacks due to bad bar codes. Barcode Assured™, our proprietary fail-safe dot shifting autocorrect feature, also helps reduce the incidence of unscannable barcodes.*

PRODUCTIVE PROCESSING

ADTP1 has the largest internal supply capacity available in its class, which cuts roll change needs by as much as 50%.**

The three-color backlit display provides instant visual identification of printer status. Internal liner take-up eliminates waste accumulating on floors for faster and easier liner disposal.

SUSTAINABLE LABELING

You can decrease your environmental footprint with our EcoCapacity+™ thin liner labels. Switching to EcoCapacity+™ significantly reduces water and energy use, solid waste production and CO2 emissions.**

ENERGY STAR® certified



ELEVATING BRANDS. ACCELERATING PERFORMANCE.

For more information call: 800.543.6650, prompt 5
or email: printersolutions@averydennison.com



Three-color backlit display provides instant visual identification of printer status.

Innovative, intelligent and sustainable labeling and printing solutions that accelerate supply chain performance, increase productivity and elevate the consumer experience.

ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ENERGY STAR products are third-party certified by an EPA-recognized Certification Body. ENERGY STAR certification is not applicable to all ADTP1 models.

Avery Dennison® Monarch® Tabletop Printer 1



SPECIFICATIONS

DIMENSIONS

Height: 13.8" (351mm)
Width: 11.5" (292mm)
Depth: 21.5" (546mm)

WEIGHT

36 lbs (16.4kg)

SHIPPING WEIGHT

43 lbs (19.5kg)

PRINTING METHOD

Thermal Direct or Thermal Transfer

BAR CODES

One-dimensional—UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5, EAN128 Interleaved 2 of 5, Extended Code 39, Codabar (NW7), Code 128, Code 16K, Code 93, MSI, Postnet, Intelligent Mail, GS1 Databar

Two-dimensional—PDF417, MaxiCode, Data Matrix (ECC-200), Quick Response (QR) Code, Aztec

STANDARD FONTS

Bitmap—Standard, Reduced, Bold, OCRA-like, CG Triumvirate, and CG Triumvirate Bold TrueType®—EFF Swiss Bold, Supports downloaded double-byte TrueType and bitmap fonts, allowing for international character sets

FONT MAGNIFICATION

1x to 7x
4 to 250 pt. for scalable/TrueType fonts

MEDIA SENSING METHOD

Edge: Die Cut, Black Mark, Aperture, Attacher Hole
Center: Die Cut, Black Mark, Attacher Hole

KEYPAD/DISPLAY

Five-button keypad control LCD Graphical Dot Matrix

PRINTER CONTROL LANGUAGES

MPCL, MLI

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

SUPPLIES

Avery Dennison supplies are recommended.

SUPPLY TYPES

Tags and adhesive labels (paper or synthetic) in roll or fanfold format, perforated or continuous supply

SUPPLY SIZES

Width: 0.75–4.25" (19.1 to 108.0 mm)
Length: 0.32–17.5" (8mm to 445mm)
Max Roll Diameter: 9.375" OD (238 mm) on 3" Core (76mm) or 4" Core (102mm)

TYPICAL SUPPLY ROLL LENGTH

7,874' (200m) with standard media
11,811' (300m) with EcoCapacity+

SUPPLY THICKNESS

5.5–13.5 mils (0.14–0.33mm)

PRINT HEAD WIDTH

4.09" (102mm / 812 dots)

PRINT HEAD RESOLUTION

203dpi (8 dots/mm) or
300dpi (12 dots/mm)

MEMORY

SDRAM: 64MB
Flash 64MB

RFID

RFID ENCODER

Optional, EPCglobal UHF Class 1 Gen 2 / ISO 18000-63 (formerly 18000-6C). Supports worldwide UHF RFID frequency ranges.

RFID VERIFIER

Optional, integrated post-encode-and-print reader module. Validates actual Encoded data against requested data.

ENVIRONMENTAL RANGES

OPERATING TEMPERATURE

Thermal Direct 40° to 104° F (4° C to 40° C)
Thermal Transfer 40° to 95° F (4° C to 35° C)

STORAGE

15° to 120° F (-9° C to 49° C)

HUMIDITY/OPERATING AND STORAGE

5% to 90% non-condensing

PERFORMANCE

POWER SOURCE

100–240 VAC with auto select 50/60 Hz
Optional 24 VDC (U.S. and Canada Only)

PRINT SPEED

2.5 ips (64 mm/sec)
4 ips (102 mm/sec)
6.0 ips (152 mm/sec)
8.0 ips (203 mm/sec)
10.0 ips (254 mm/sec)—only with 203 dpi print head
12.0 ips (305 mm/sec)—only with 203 dpi print head

COMMUNICATIONS

STANDARD COMMUNICATION PORTS

USB 2.0 Device Port (1 port, B receptacle), USB 2.0 Host Port (2 ports, A receptacle), RS-232C Serial Port (DB-9F, DTE pin out, 115.2K baud max speed)

WIRED NETWORKING

802.3u Ethernet, 10/100 Mbps, RJ-45 connector

WIRELESS NETWORKING

Optional 802.11 a/b/g/n dual band (2.4GHz & 5 GHz), WPA2, 802.11i compliant

OPTIONS & COMPANION PRODUCTS

OPTIONS

300 dpi print head
Peel mode with on demand sensor and internal liner take-up***
ADK Script programming for special applications
+24V DC-powered (Cart ready)***

COMPANION PRODUCTS

- Avery Dennison® Monarch® 933™ High Speed Cutter***
- Avery Dennison® Monarch® 928™ Stacker***
- Avery Dennison® Monarch® 935™ Rewind
- Avery Dennison® Monarch® 938™ Barcode Verifier***
- Avery Dennison® Monarch® 9391™ Intelligent Keyboard

EVERY DENNISON® SERVICE AND SUPPORT

Our technical specialists and service representatives can provide installation support, training and operating recommendations. For more information call 800.543.6650, option 7.

* Avery Dennison Barcode Assured™ helps eliminate unreadable bar codes by printing a gray box in place of an invalid bar code when dot shifting does not fix the problem.

** When combined with Avery Dennison EcoCapacity™ thin liner supplies

***Available on EF model only

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Accelerating supply chain
performance and elevating
the consumer experience.

Inventory Accuracy, Visibility and Loss Prevention



Printer and
Fastener Solutions

Avery Dennison® 933 Cutter

HEAVY DUTY TAG CUTTER FOR MID TO HIGH VOLUME APPLICATIONS

When used in conjunction with the Avery Dennison® Tabletop 1 (ADTP1™) printer, the Avery Dennison® 933 Cutter continuously cuts tag stock, including RFID supplies, up to 4 inches wide at speeds up to 8 inches per second. High throughput continuous cutting increases productivity compared to conventional stop-to-cut solutions*. The hardened steel cutter blade is warranted for 1 million cuts¹. Other features include:

- Integrates with Avery Dennison® 928™ stacker for organized management of up to 2,000 tags simultaneously.
- Flip down door for fast cutter maintenance. Safety interlock disables power to the blade when the door is open, ensuring operator safety.
- Multiple cut modes for individual tags, strips of tags, or labels. Single or double-height separators can be printed at the start of each batch.

MAXIMUM CUT SPEEDS

- 8" per second for tag lengths 1.5" or greater.
- 6" per second for tag lengths 1.2" to less than 1.5".

INSTALLATION

- Easy to install out of the box with simple hand tools.

SPECIAL CONSIDERATIONS

- Printer must be a cutter-ready model.
- Die cut label liner cutting is supported. Cutting through label face sheet will likely result in adhesive build-up and cutter failure.
- RFID tags must be cut in between inlays.
- Cutting of antenna, strap or chip will damage the cutter and reduce useful life and may void the warranty.

ELEVATING BRANDS. ACCELERATING PERFORMANCE.

Experience Avery Dennison supply chain solutions at our worldwide Customer Design and Innovation Centers. For more information on the Avery Dennison 933 Cutter, or to schedule a tour of a Customer Design and Innovation Center, please call 800.543.6650, prompt 5, or e-mail rbis.solutions@averydennison.com.



Intelligent, sustainable and innovative labeling and printing solutions that accelerate supply chain performance, increase productivity and elevate the customer experience.

¹ Paper Tags: 1,000,000 cuts RFID Tags: 500,000 cuts Label liner: 500,000 cuts

*Independent results may vary.

Inventory Accuracy, Visibility and Loss Prevention

Avery Dennison® 933 Cutter



Printer and
Fastener Solutions

STANDARD FEATURES

DIMENSIONS

Height - 8.4" (214 mm)

Width - 12" (305 mm)

Depth - 4.3" (110 mm)

Weight - 9 lbs. (4 kg)

Shipping Wt. - 10 lbs. (4.5 kg)

SUPPLIES SPECIFICATION

Supply Thickness - 0.007" – 0.015" (0.18 – 0.38 mm)

Cut Width - 0.75" – 4.0" (19 – 102 mm)

Cut Length - 1.2" – 16" (30 – 406 mm)

Wind Direction:

Tags: Face side in

Labels: Face side in or out

Cut Length Accuracy: - +/- 0.025" + Black mark index error (+/-0.030") measured at center of tag

Cut Angle Accuracy: - +/- 1.0 degree

ENVIRONMENTAL

OPERATING TEMPERATURE

40° – 104° F (4° – 40°C)

STORAGE TEMPERATURE

15° – 120° F (-9° – 49°C)

RELATIVE HUMIDITY

5 – 90% Non-condensing

POWER SOURCE

Powered by printer, no external power required

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Our technical specialists and service representatives can provide installation support, training and operating recommendations. For more information on our Retail Services, visit our website at <http://www.rbis.averydennison.com/retail-services.asp>.

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