



# AVERY DENNISON® MONARCH® TABLETOP PRINTER 1

**Improve inventory management through integrated solutions from manufacturing source to consumer that increase speed, accuracy, visibility, productivity and margins.**

The Avery Dennison Tabletop Printer 1 (ADTP1™) is built to accelerate your bar code and RFID label and tag printing, encoding, verifying, cutting and stacking so you move your merchandise quickly and accurately through the supply chain.

Engineers around the globe have collaborated to offer a solution rich in design and unique features. Quite simply, ADTP1 is our best ever, RFID encoding and medium volume printing solution. It offers:

- Increased productivity, decreased downtime
- Increased profit potential by reducing costs and vendor chargeback risk
- Ease of use, minimal integration
- Reduced environmental impact elevates brand
- Maximum protection and durability

FOR A WIDE RANGE  
OF MARKING APPLICATIONS

TABLETOP PRINTER

1

CARTON/PALLET LABELING  
RETAIL COMPLIANCE  
ITEM-LEVEL MARKING/TRACKING  
WORK-IN-PROCESS TRACKING  
HANG TAGS  
ASSET TRACKING

# Inventory Accuracy, Visibility and Loss Prevention



Retail Branding and  
Information Solutions

## Avery Dennison® Monarch® Tabletop Printer 1

### INCREASED PRODUCTIVITY, DECREASED DOWNTIME

- Super-fast processing offers print speeds of up to 12ips
- The largest internal supply capacity available in its class cuts roll change needs by as much as 50%\*
- Industry-leading, non-stop RFID encoding and verification at 8 ips eliminate stopping or back feeding to encode\*\*
- Three-color backlit display provides instant visual identification of printer status for quick, easy resolution of error conditions
- State-of-the-art, dual-band 802.11 a/b/g/n provides robust, reliable wireless connectivity by enabling band switching in noisy environments\*\*
- Internal liner take-up eliminates waste accumulating on floors for faster and easier liner disposal

### INCREASED PROFIT POTENTIAL BY REDUCING COSTS AND VENDOR CHARGEBACK RISK

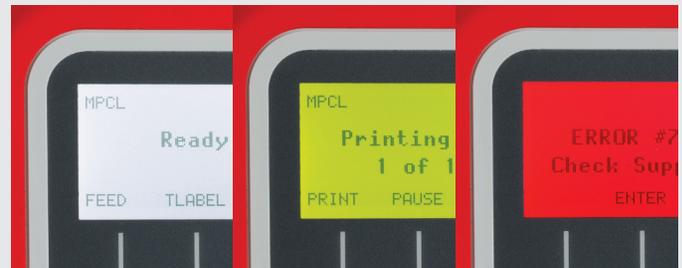
- Exclusive built-in RFID verifier overstrikes "bad" labels and tags and immediately alerts operator, delivering both speed and encoding accuracy
- Avery Dennison Barcode Assured™ reduces printing unreadable bar codes with a patented, fail-safe, dot shifting auto-correct feature that also extends print head life\*\*\*
- Ultra-reliable dual motor ribbon control produces consistently high quality print while eliminating clutch and belt replacement

### EASE OF USE, MINIMAL INTEGRATION

- Exclusive enhanced media sensing system requires no operator sensor adjustment for easy, fast setup and switching between print jobs
- Network-ready out of the box to interface with your existing infrastructure
- Tilting print head and lighted paper path enable easy supply loading
- Colored touchpoints guide operator interaction
- User replaceable snap-in print head requires no tools or recalibration adjustment
- Compatible with most existing Avery Dennison Monarch software, label formats, data streams, ribbons and supplies

**12ips** PROCESSING

**8ips** NON-STOP  
RFID ENCODING  
AND VERIFICATION



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

\*\*Optional features

\*\*\*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.

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### REDUCED ENVIRONMENTAL IMPACT ELEVATES BRAND

- EcoCapacity+™ thin-liner material reduces carbon footprint and extends production between roll changes
- More labels per roll mean less downtime as well as reduced packaging and storage requirements



- Avery Dennison Tabletop Printer 1 is an ENERGY STAR® qualified product\*  
ENERGY STAR is a U.S. Environmental Agency voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency. Learn more at [energystar.gov](http://energystar.gov)



### MAXIMUM DURABILITY AND PROTECTION

- Metal cover gives maximum protection in industrial environments
- Die-cast aluminum pivot plate, print head carrier and supply holder increase durability

### 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 Tabletop Printer 1 or to schedule a tour of our Customer Design and Innovation Centers, please call 800.543.6650, prompt 5, or e-mail [rbis.solutions@averydennison.com](mailto:rbis.solutions@averydennison.com).

To learn more or receive complete warranty information as well as other terms and conditions, please contact your Avery Dennison representative or visit our website at [www.rbis.averydennison.com](http://www.rbis.averydennison.com).



\* 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.

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# Inventory Accuracy, Visibility and Loss Prevention

## Avery Dennison® Monarch® Tabletop Printer 1



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### STANDARD FEATURES

#### DIMENSIONS

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

#### WEIGHT

32 lbs (14.5kg)

#### SHIPPING WEIGHT

37 lbs (16.8kg)

#### 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 (128W x 64H dots). 2.54" (64.5mm) Wide x 1.46" (37.0 mm) High

#### PRINTER CONTROL LANGUAGE(S)

MPCL, MLI

#### PRINTER WARRANTY

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

#### PRINT HEAD 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)

#### MAXIMUM PRINT AREA

4.0" x 16.0" (102 mm x 406 mm) with the 203 dpi print head  
4.0" x 13.0" (102 mm x 330 mm) with the 300 dpi print head  
Larger images (up to 16 feet) can be printed using continuous supply and reallocating memory

#### RIBBON LENGTH

23,622" (600m)  
Core: 1" (25.4mm) plastic

### 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 comm. 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 & ACCESSORIES

#### OPTIONS

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

#### OPTIONS

- 933™ High Speed Cutter\*
- 928™ Stacker\*
- 935™ Rewind
- 938™ Verifier\*
- 939I™ Intelligent Keyboard

\* Available on EF model only

### AMERICAS

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**Elevating brands and  
accelerating performance  
throughout the global  
retail supply chain**

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