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

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

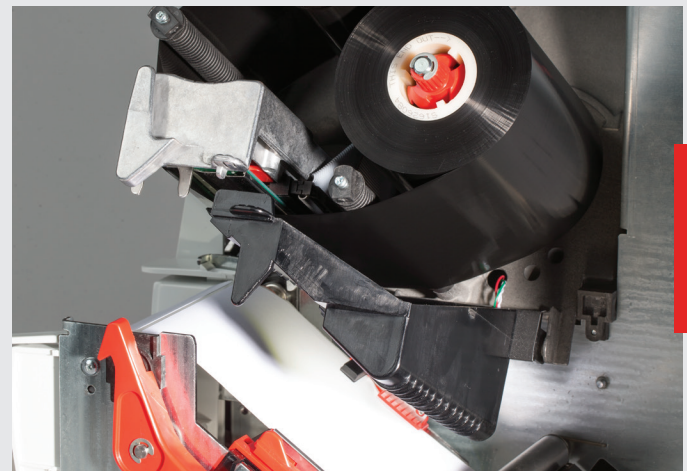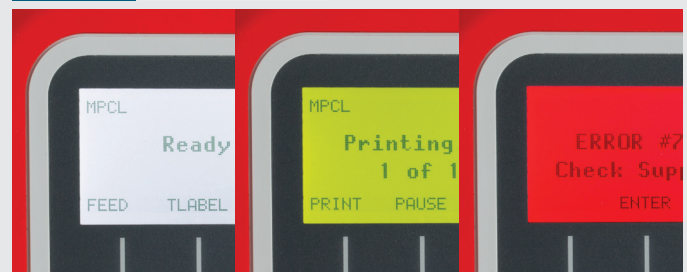## INCREASED PROFIT POTENTIAL BY REDUCING COSTS AND VENDOR CHARGEBACK RISK

- 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

Inventory Accuracy, Visibility and Loss Prevention
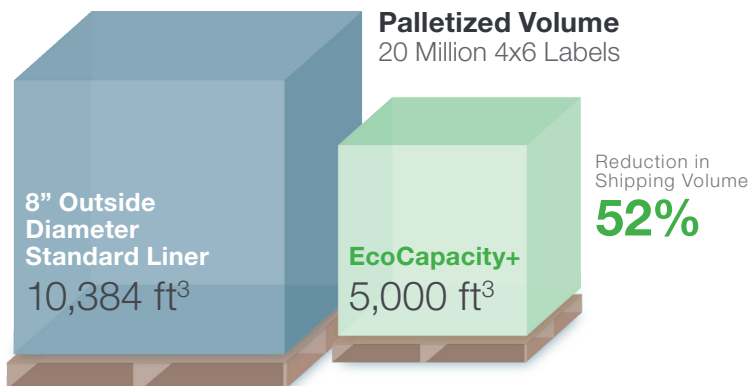
Avery Dennison® Monarch®
Tabletop Printer 1

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

Palletized Volume
20 Million 4x6 Labels

8" Outside Diameter Standard Liner
10,384 ft³

EcoCapacity+
5,000 ft³

Reduction in Shipping Volume
52%

- 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

LEARN MORE AT 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.

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.

Inventory Accuracy, Visibility and Loss Prevention

Avery Dennison® Monarch®
Tabletop Printer 1

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

PRINT HEAD WIDTH
4.09" (102mm / 812 dots)

PRINT HEAD RESOLUTION
203dpi (8 dots/mm) or 300dpi (12 dots/mm)

MEMORY
SDRAM: 64MB
Flash: 32MB

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

Elevating brands and accelerating performance throughout the global retail supply chain