

The easy-to-use solution for identification

051790



The 9800[®] Tabletop printer series



**AVERY
DENNISON**

Monarch[®]
Products and Services

For compliance labelling ...

Are you responsible for shipping or logistics?
Do you have mandatory standards for your labelling?
If so our Monarch® 9800® series printers will simplify the process and ensure accuracy and reliability.

Specialised with you in mind ...

Compliance labelling relies heavily on accuracy and consistency to ensure procedures are adhered to and warnings are visible. Your labels need to be legible and durable for long periods of time in a number of different environments. The Monarch® 9800® series by Avery Dennison brings these features to your tabletop in a neat package.

High quality – full power

Compliance labelling often consists of high quality output in large volumes. Our 300 dpi* option ensures the highest quality is maintained throughout your print job. Our thermal transfer facility gives you the ability to print longer-lasting labels.

The high performing Monarch® 9800® series by Avery Dennison is the perfect choice for compliance purposes. Tabletop printers that are easy to service, reliable and accurate.



Product applications

Ensure high quality and accuracy for:

- Compliance labelling
- Shipping/pallet labelling
- Logistics labelling
- Price marking
- Item marking
- Radio Frequency Identification (RFID) labelling
- Inventory control
- Product identification

For all of these applications, there is one solution: the Monarch® 9800® series by Avery Dennison.



... in your shipping department ...

With the Monarch® 9800® series, Avery Dennison sets a benchmark in barcode label printing. All three tabletop models are packed with innovative technology, and ensure excellent print results, reliability and are user-friendly. With these advantages, they fulfill the highest demands even under extreme conditions.

Seamless integration

Whether wireless via dual Wireless Network (WLAN) adapter or via internal MonarchNet Ethernet card, the connection to your existing network facilitates data flow.

Easy customisation

Free downloadable software ensures the simple conversion of all relevant print data.

High availability

The folding printer case and easily accessible printhead ensure that consumables are quick and easy to refill.

For high print volumes

The Monarch® 9855™ barcode printer has excellent print quality on a variety of materials. With its fast-as-lightning printing speed up to 304.8 mm/s and a resolution of 203 or 300 dpi*.

For mid-sized print volumes

Need adhesive labels or barcode labels made of card? Need to print a single item or a batch? With a print speed of 152.4 mm/s and a resolution of 203 dpi, the Monarch® 9825™ delivers excellent results for you in both thermal direct and thermal transfer printing.

Customise your printer

Customise your printer to your needs with our upgrade options including verifier, keyboard, external rewinder, cutter, catch tray and tag stacker.

Simply check product compatibility with our sales team.

Monarch® 9800® series



Special features and benefits

- Less downtime – 200 metre label rolls and 600 metre ribbons reduce supply changes.
- Thermal Printhead (TPH) can be replaced without a screwdriver or any need to key in resistance values.
- Center justification of supplies with a unique dual motor ribbon control eliminates ribbon wrinkle.
- Dynamic dot shifting: if one dot breaks down, the barcode is automatically shifted - for a perfect print result.
- Cutter* supports high volume converting of tags.
- Printhead flips up for easy access - ribbons and labels can be loaded quickly.
- Monarch® Language Interpreter (MLI) enables the Monarch® 9800® series to print competitive data streams.

* Please note these are upgrade features. Contact our sales team for further information on compatibility.

... or in your logistics centre ...

For Radio Frequency Identification (RFID)

The Monarch® 9855™ RFID tabletop barcode printer is specially designed to write to RFID chips embedded in thermal direct or thermal transfer barcode labels. The printer tests the chip, writes to the chip, then prints the human readable and barcode data. It is specifically suited to the retail supply chain environment.

For barcode ticketing

The Monarch® 9860™ offers reliable printing, cutting and stacking for your barcode ticketing. An integrated heavy duty knife ensures you'll have the ability to print clear, crisp tags. You'll increase productivity and efficiency with this rugged sub second imaging printer.



Quick guide to the advantages of the Monarch® 9800® series

Monarch® 9825™

- Ideal solution for medium volume thermal direct./transfer printing
- On demand peeler/tear bar or continuous printing
- Ideal for printing simple bar coded labels or tags on demand or continuously

Monarch® 9855™/RFID Printer

- Leading edge solution for warehouse/distribution inventory control, supply chain management and logistics tracking
- Remote network diagnostics and alert system
- Designed to write to RFID chips embedded in thermal direct or thermal transfer barcode labels

Monarch® 9860™

- Cutter supports high volume printing of tags with sub-second imaging time
- Offers reliable printing, cutting and stacking for your barcode ticketing
- Heavy duty full metal cover and user friendly keyboard

Reliability you can count on.

The Monarch® 9800® printer series will consistently and efficiently meet your needs. Our printers are highly adaptable and perform precisely within a multitude of industries.

Would you like comprehensive advice, on-site service and support in implementing your Avery Dennison products? Yes? Then simply give us a call and we'll be right there for you.

Printer specifications: Monarch® 9855™/9855™ RFID printer	
Printing technology:	Thermal transfer/direct
Size (H x W x D):	318 x 305 x 330 mm (ABS-plastic) 330 x 318 x 439 mm (metal/RFID Printer version)
Weight:	9.6 kg (ABS) / 13.2 kg (metal/RFID Printer version)
Printhead:	203 or 300 dpi; printwidth: 102 mm
Print speed:	64, 102, 152, 203, 254, 203 - 305 mm/s
Display:	2-line LCD, 16 characters
Processor:	32 bit 150 MHz
Memory:	4 MB Flash, 16 MB SDRAM (16 MB optional)
Printable barcodes:	UPCA/E +2/+5, EAN 8 +2/+5, interleaved 2 of 5, Extended Code 39, Codabar (NW7), Code 128, Code 93, MSI, PDF417, Postnet, Maxicode, DataMatrix, Aztec, Quick Response, GS1 Datatbar bar-code, EAN 13 +2/+5
Standard fonts:	Standard, Reduced, Bold, CG Triumvirate, CG Triumvirate Bold, OCRA-like, EFF Swiss Bold (TrueType®), optional fonts
Interfaces:	Standard: Serial RS232DC, Parallel IEEE1284, USB; Optional: Dual WLAN adapter 802.11b/g, MonarchNet II
Font magnification:	1 x to 7 x, 4 x to 240 x for TrueType® fonts
Operating temperature:	4 - 40 °C, humidity: 5 % to 90 % non-condensing
Power supply:	90 - 264 V autoselect
RFID printer features:	Transponder: EPC Class 1, Gen 1 and Gen 2, ISO 18006 c, Class O+, ISO 15693 RFID encoding frequency: 860 - 960 MHz UHF and 13.56 MHz HF
Accessories/ upgrade options:	Metal casing, intelligent keyboard, verifier, stacker, cutter, peeler with on-demand-sensor (not for RFID-Version), external rewinder, ADK script programming

Material specifications: Monarch® 9855™/9855™ RFID printer	
Label width:	19 to 107 mm
Label length:	8 to 445 mm (RFID labels: depending on antenna design)
Roll length:	200 m / 964 RFID-labels
Foil length:	600 m

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Your **Monarch® 9800®** series at a glance.

Printer specifications: Monarch® 9825™		Monarch® 9860™
Printing technology:	Thermal transfer/direct	Thermal transfer/direct
Size (H x W x D):	318 x 305 x 330 mm (ABS-plastic) 330 x 318 x 439 mm (metal)	330 x 318 x 439 mm (heavy duty full metal cover)
Weight:	9.6 kg (ABS) / 13.2 kg (metal)	20.4 kg
Printhead:	203 dpi; printwidth: 102 mm	203 or 300 dpi; printwidth: 102 mm
Print speed:	64, 102, 152, 203 mm/s	64, 102, 152, 203 mm/s
Display:	2-line LCD, 16 characters	2-line LCD, 40 characters
Processor:	32 bit 66 MHz	32 bit 150 MHz
Memory:	2 MB Flash, 4 MB SDRAM	4 MB Flash, 16 MB SDRAM (16 MB optional)
Printable barcodes:	UPCA/E +2/+5, EAN 8 +2/+5, interleaved 2 of 5, EAN 13 +2/+5, Extended Code 39, Codabar (NW7), Code 128, Code 93, MSI, PDF417, Postnet, Maxicode, DataMatrix, Quick Response, GS1 Databar, EAN 13 +2/+5, Aztec	UPCA/E +2/+5, EAN 8/13 +2/+5, Extended Code 39, Interleaved 2 of 5, Codabar (NW7), Code 128, Code 93, MSI, PDF417, Postnet, Maxicode, DataMatrix (ECC-200), Code 16K, Quick Response (QR Code), GS1 Databar, EAN 13 +2/+5, Aztec
Standard fonts:	Standard, Reduced, Bold, CG Triumvirate, CG Triumvirate Bold, OCRA-like, EFF Swiss Bold (TrueType®), optional fonts	Bitmap-Standard, Reduced, Bold, CG Triumvirate, CG Triumvirate Bold, OCRA-like, EFF Swiss Bold (TrueType®), supports downloadable double-byte fonts allowing Chinese, Japanese and Korean character sets
Interfaces:	Standard: USB, RS 232, Parallel USB Optional: Ethernet, 802.11b/g	Standard: Serial RS232DC, Parallel IEEE1284, USB Optional: Dual WLAN adapter 802.11b/g, MonarchNet II
Font magnification:	1 x to 7 x, 4 to 240 pt x for TrueType® fonts	1 x to 7 x, 4 to 240 pt for TrueType® and scalable fonts
Operating temperature:	4 - 40 °C, humidity: 5 % to 90 % non-condensing	Thermal transfer: 4 - 35 °C Thermal direct: 4 - 40 °C
Power supply:	90 - 264 V autoselect	90 - 264 VAC with autoselect 50/60 Hz
Accessories/ upgrade options:	Metal casing, peeler with on-demand-sensor ADK script programming	Intelligent keyboard, high speed verifier, stacker, ADK Script programming for special applications
Special features:		Integrated heavy duty knife cuts up to 8 ips; prints hang tags up to 12 mils thick

Material specifications: Monarch® 9825™		Monarch® 9860™
Label width:	19 to 107 mm	19 to 107 mm
Label length:	13 to 445 mm	8 to 445 mm
Roll length:	200 m	200 m
Foil length:	600 m	600 m

You're never far from an Avery Dennison representative:

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