



Model 64-04 Thermal Transfer Printer

The Model 64-04 is a paper tag and pressure sensitive thermal transfer printer that is easy to use, versatile, and economical. You can use it to produce paper hang tags, paper price tickets, and pressure sensitive stickers. The Model 64-04 features a short feed path for extremely simple stock threading making it very easy to load. Its fast processor handles complex print jobs without pausing between downloads.

Features

- **Print Capability** - One color, print width 4.1" (106.6mm)
- **Fast** - Prints up to 16" (406mm) per second (application dependent)
- **User Friendly** - Easy to thread, clean, and change printhead.
- **Display** - Illuminated display shows status messages and menus
- **Durable** - Heavy-duty industrial quality
- **Connectivity** - RS-232 (up to 115k baud), USB (v1.1), Centronics (connector type C), Ethernet (10/100 Base T) standard.
- **CompactFlash** - One slot is standard and a second slot is optional.
- **Ink Save Mode** - Ink stops for non-printing areas
- **Peripheral Jack** - D-Sub 15 jack at front of printer standard. Drives several options listed below.

Options

- **Sensors** - Reflective (reflex) sensor, full width sensor
- **USI** (Universal Signal Interface) - Controls an applicator or scanner.
- **Anti-Static Kit** - Reduces electrostatic charge
- **Internal Rewind** - Rewinds label backing paper
- **Cutter** - Bolt-on option cuts tags and stickers
- **External Rewinder** - Use when not cutting or cutting will be delayed.
- **Standalone Mode** - PS/2 keyboard, CompactFlash card
- **Foot Switch** - For foot-operated label dispensing
- **Dispenser** - Bolt-on option peels and presents sticker to the operator
- **Connector** - RS 422/485 (optional)
- **Barcode Verifier** - Scans every barcode printed, shutting down the printer if a barcode doesn't scan.

Supplies

Use only Avery Dennison supplies for the best print quality and longest printer life. These supplies have been specially designed for this printer.

- Paper hang tags and price tickets
- Pressure sensitive price and size stickers
- Pressure sensitive 4" x 6" standard shipping labels
- Thermal transfer near edge ink ribbons



Model 64-04 Printer

- Prints on one side
- Prints paper tags and pressure sensitive price and size stickers
- 305 dots/inch (12 dots/mm)

Alternate Financing

- Payment plans apply printer price to supply purchases
- Rental agreements available

Technical Service

- Extend printer life and productivity by adding a maintenance agreement
- Installation, training available
- Telephone, depot or on-site options

Software

- PCMate Platinum tag and label design software available so you can design and print.
- Other software packages available for design and printing
- On-line data management products also available

PC Hardware Minimum Requirements

- IBM compatible personal computer
- Windows® 2000, XP
- 128 MB RAM
- 1 GB available disk space, CD ROM
- Pentium® III processor (400 MHz)
- Monitor screen resolution 1024x768
- Null modem serial cable, Ethernet
- May need USB/serial adapter

Detailed Features

Dispenser “M”

- 64-04 with dispensing edge and internal backing paper rewinder
- After label is taken off dispensing edge and applied to the product by hand, a light switch triggers the next label for dispensing
- Dispensing can be triggered by a foot switch. The switch must be attached to the optional single-start connector

Dispenser “A”

- 64-04 with dispensing edge and internal backing paper rewinder
- Label is applied by an automatic applicator and advanced. There is no light switch

Registration Sensors

- Transmissive sensor standard
 - Adjustable: 0” (0mm) across the width
 - Hole size: Width: 0.15” (4mm) minimum
Length: 0.03” (0.8mm)- 0.55” (14mm)
 - Full width cannot be used with 64-04 dispenser A or M
 - Full width not available with on-line verifier option.
- Reflective sensor optional
 - Adjustable: 0” (0mm) to 2.6” (66mm) across the width
 - Sensemark: Width: 0.5” (12mm) recommended
Length: 0.15” (4mm) recommended

Printer Control Language

- Avery Dennison Easy Plug™ language is standard.
- Other printer language emulations are available. Full details available upon request.

Ink Save Feature

- This feature is activated from the front panel
- Amount of ink saved depends on speed. For example:
 - At 6”/sec (152mm/sec), minimum length of non-printed area: 0.35” (9mm), amount of ink not saved 0.23” (5.9mm)
 - At 12”/sec (305mm/sec), minimum length of non-printed area: 1.2” (30mm), amount of ink not saved 0.74” (18.5mm)
- Full details available upon request

Footprint

- Printer: 12.6” (320mm) x 12” (305mm) x 19.3” (490mm)
- w/ cutter: 12.6” (320mm) x 12” (305mm) x 21.3” (540mm)

Specifications

Mounting - bench top

Label Size

- Width, maximum: 4.1” (106.6mm)
- Length, minimum: 0.19” (5mm)
- Length, maximum: depends on printer memory

Stock Roll

- Core: 1.5” (38mm), 3” (76mm), 4” (102mm)
- Max OD: 8.2” (210mm)
- Max Roll Weight: 9.4 lb (4.25 kg)
- Width: 1” (25mm) - 6.06” (154mm)
w/ dispenser: 1” (25mm) - 5.5” (140mm)

Ink Roll

- Core: 1” (25mm) cardboard
- Coated side in (supports coated side out)
w/ dispenser: coated side in only
- Max Width: 5.2” (132mm)
- Max OD: 3.5” (90mm)

Label Thickness

- 4 mills (0.1mm) to 15 mills (0.6mm)

Print Speeds

- 2.0” (51mm) - 16.0” (406mm) per second

Barcodes

- EAN 8, EAN 13 with Add-On 2 and 5, UPC-A, UPC-E, Code 39, Code 39 Ratio 3:1 and Ratio 2.5:1, Code ITF, Codabar, Code 128, Code 2/5, Code 2/5 1 or 5 or Interleaved Ratio 1:3 or Matrix Ratio 1:2.5 or Matrix Ratio 1:3; Code MSI, Postcode (sort and ID code), UPS Code 128
- 2D: Datamatrix, Maxicode, PDF417, Codablock F, Code 49

Fonts

- 17 including OCR-A, OCR-B, 3 scalable, True Type supported
- 8x scaling, rotations 0°, 90°, 180°, and 270°

Graphic Formats

- BMP, PCX, JPEG, TIFF, GIF

Electrical

- 115-240 VAC, 50-60Hz, 250W, 3.2amps

Weight - 44 lb (20 kg), w/ cutter 48 lb (21.5 kg)

Temperature - 41°F (5°C) to 95°F (35°C)

Humidity - 45% to 75% non-condensing

All information given is based on the results of testing performed by Avery Dennison. Customers should test any product thoroughly through all relevant processes. Specifications subject to change without notice.

Machine Sheet - Model 64-04 (August 12, 2008)

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