

Avery Dennison Printing Solutions TDI



TDI Versatility and Quality in a Sheet Feed Printer

Imprint high quality variable data for tag and card applications with Avery Dennison™ TDI Singles Printers. The applications range from small brand-image garment tags to thicker and heavier blister pack cards. The TDI printer is offered in Standard and Jumbo versions, both designed to accommodate a variety of workloads. Both TDI Singles Printers help reduce costly preprinted tag inventories without sacrificing print quality.

Sharp High Quality Printing that is Versatile

Enhanced print quality and versatility.

Near-edge print technology and 300 dpi resolution create sharp characters that complement the image quality of offset-printed tags and cards. You can print on stock up to 18 mils thick and handle applications ranging from small brand-image garment tags to thicker, heavier blister-pack cards. Text, graphic and bar code printing can be rotated at 90° increments to fit preprinted tag designs.

Reduce operating costs.

Long-lasting, 600-meter ribbons minimize labor and downtime for ribbon changes, while a built-in ribbon-saving feature cuts waste by skipping over unprinted areas as narrow as 1/2".

Satisfies a wide range of applications.

Broad area print coverage up to 5" wide and print speeds up to 10"/second, let you satisfy a variety of imprint configurations and print run volumes. Stock sizes can range from single tags as small as 1.2" x 2", to tag strips and cards as large as 6" x 13.8".

The TDI Singles Printer is offered in two versions depending on your job size. The TDI Jumbo has a stacker capacity of 11.9" which allows it to run unattended for twice as long as the standard TDI Singles Printer.

Easily automates printing and handling.

Setting-up and operating the TDI Printer is easy. Simply load tags or cards into the feed tray. The printer aligns, feeds, prints and stacks them automatically. Managing the imprint process is equally simple with Avery Dennison™ Windows-based software that controls both data and print functions.



TDI Specifications



System Characteristics

Print method:	Direct thermal and thermal transfer
Print head type:	Near-edge head with adjustable print head pressure
Print speed:	4" – 10"/second (100 – 250 mm/sec)
Print resolution:	305 dpi (12 dots/mm)
Print width:	5" (128 mm)
Ribbon saver:	Standard
Operator panel:	Three-key control panel with four-digit LED display

Media Characteristics

Ticket width:	1.2" – 6" (30 mm – 154 mm)
Ticket length:	2" – 13.8" (51 mm – 350 mm)
Ticket thickness:	6 – 18 mil (0.15 mm – 0.46 mm)
Media type:	Single tags
Media sensing:	Transmissive light sensor – adjustable from 0.08" – 0.67" (2 – 17 mm)
Stacking height:	TDI Standard Singles Printer – 5.9" (150 mm) TDI Jumbo Singles Printer – 11.9" (302 mm)
Ribbon:	1" (25 mm) ribbon core, 1970' (600 m) length

Character Fonts/Graphics/Bar Codes

Resident fonts:	17 fonts including OCR-A and OCR-B, 2 scalable fonts. Additional fonts and graphics available via memory card.
Graphics format:	Avery Dennison 4 bit graphic (.EPT) format. Conversions of industry standard .BMP, .PCX, .TIF, .GIF and .EPS are available.
Bar codes:	EAN 8, EAN 13, UPC-A, UPC-E, Code 93, Interleaved 2/5, Code 2/5, Code 39, Codabar, UPC BookLand (2 digit and 5 digit extension), ITF, MSI, PostCode, Code 128, UCC/EAN 128, Code 128 (UPS), Optional 2-Dimensional (PDF417, Data Matrix, MaxiCode)
Print rotation:	0°, 90°, 180°, 270° for character fonts, graphics and bar codes

Communications

Standard interface:	Serial RS-232, 300 to 19,200 baud Parallel (Centronics)
Options:	RS-485, Ethernet, Twinax/Coax

Electrical

Input voltage:	110/220/240 VAC (+/- 10%), 50/60 Hz
Power consumption:	336 VA

Physical

Dimensions:	TDI Standard Singles Printer 16.1" H x 30.7" W x 12.6" D (410 mm x 780 mm x 320 mm) TDI Jumbo Singles Printer 22.8" H x 33.5" W x 20.0" D (579 mm x 851 mm x 508 mm)
Weight:	TDI Standard Singles Printer – 53 lbs. (24 kg) TDI Jumbo Singles Printer – 68 lbs. (31 kg)
Operating temperature:	41°F to 95°F (5°C to 35°C)

Accessories

- PCMCIA memory cards

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