

# DMX 600

DATAMAX THERMAL TRANSFER PRINTER

**PRINTER TYPE**

Thermal Transfer and Direct Thermal

**PRINT SPEED**

2" - 8" (50.8mm - 203.2mm) per second

**RESOLUTION**

300 dpi (12 dots/mm)

**BAR CODE MODULUS**

3.3 mil to 80 mil "X" dimension in picket or ladder orientation

**PRINT WIDTH**

6.4" (163mm)

**MEDIA WIDTH**

2.0"-6.7" (50.8mm - 170mm)

**PRINT LENGTH**

0.5"-10" (13mm - 254mm) with standard memory (1MB); up to 99" (2515mm) with optional on-board memory expansion

**MEDIA TYPE**

Roll-fed, die-cut, continuous or fan-fold labels, tags or tickets

**MEDIA THICKNESS**

.0025 - .0100" (.0635mm to .254mm)

**MEDIA SENSING**

Movable "See through" for die-cut labels and tags; reflective for black stripe sensing

**SUPPLY ROLL**

8" (203mm) maximum diameter on 3" (76mm) core; fan-fold stock accepted from rear and bottom of printer

**RIBBONS**

2" - 6.7" (51mm - 170mm); up to 1509' (460M) in length; on industry-standard core (1"ID)

**CABINET**

Cabinetry of all-metal construction

**LABEL BACKFEED**

For use with optional cutter or peel-off mode in on-demand applications

**BAR CODES**

Code 39, I 2 of 5, Code 128 (Subsets A, B, and C), Codabar LOGMARS, UPC-A, UPC-E, UPC 2 &amp; 5 digit addendums, EAN-8,13, EAN 2 &amp; 5 digit addendums, Code 93, Plessey, Code 128, MOD 43, Postnet, UCC/EAN Code 128 Random Weight, Telepen, PDF417, UPS MaxiCode and Universal Shipping Container Symbology

**RESIDENT FONTS**

Nine alphanumeric fonts from .035"H (.89mm) to .64"H (16mm) and OCR-A, OCR-B; CG Triumvirate™ smooth bitmap font from AGFA®, in Portrait and Landscape orientations (from 12 point sizes from 4 point to 48 point); CG Triumvirate™ Bold Condensed scaleable Intellifont™ from AGFA®.

**CHARACTER SET**

IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries

**FONT EXPANSION, ROTATION**

All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180° and 270°

**GRAPHICS SUPPORT**

PCX, BMP and IMG files

**REVERSE FIELDS /MIRROR IMAGE**

Any font or graphic field can be printed normal, reverse or mirror image

**LINEAR INCH COUNTER**

Standard

**TIME AND DATE**

Standard

**HOURS OF USE/INCHES PRINTED**

Standard

**INTERNAL BATCH**

Stand-alone label creation capability for Wyse 50 or compatible type terminals

**PC-CARD CARTRIDGE SLOT**

Two standard DMX 32-bit cartridges accessed from inside the stock door

**BUILT-IN EPROM**

2MB; expandable to 4MB

**BUILT-IN DRAM**

1MB; expandable by 1MB, 4MB or 16MB

**INTERFACES**

Two RS-232C/RS-422 ports at 300-19,200 BPS; IBM PC/AT compatible; bi-directional parallel port

**POWER SOURCE**

115/230 VAC 50-60Hz; auto-ranging/switching power supply

**OPERATING TEMPERATURE**

40° F to 100° F (4° C to 38° C)

**DIMENSIONS**13.5"H x 12.5"W x 18"D  
(343mmH x 318mmW x 457mmD)**WEIGHT**

55 lbs. (24.8kg)

**OPTIONS****STANDARD DUTY CUTTER/TRAY**

Maximum thickness: .006" (.152mm)

**HEAVY DUTY CUTTER**

Maximum thickness: .010" (.254mm)

**HEAVY DUTY CUTTER TRAY**

Used for collecting cut labels, tags and tickets

**RIBBON SAVER**

Eliminates ribbon waste when feeding past non-printing areas (Factory installed)

**ILPC FIRMWARE**

International Language Print Capabilities firmware allows printing of non-English character sets in over 40 languages

**DRAM MEMORY EXPANSION**

On-board DRAM memory expansion to 1MB, 4MB or 16MB for expanded print length

**SRAM MEMORY**

Accepts 256KB, 512KB, 1MB, 2MB, 4MB, PC-Card SRAM memory cards

**INTERNAL REWIND**

Capacity of 8" (203mm) roll of label and label backing standard, rewind spindle accepts standard core of 1.5" (38mm); adapter (sold separately) allows spindle to accept a standard 3" (76mm) core (factory installed)

**PEEL & PRESENT MECHANISM**

Peels printed labels away from liner and rewinds label backing internally

**MEDIA SUPPLY**

1.5" (38.1mm) Metal Media Spindle

**PRESENT SENSOR**

On-Demand Label Presentation

**PC-BATCH™ SOFTWARE**

Label creation software package for IBM-PC® or compatibles

**WINDOWS® DRIVER**

Used for creating label formats with most Windows® 3.1/95/NT based programs

**ON-LINE VERIFICATION**

External verification option

**KANJI KIT**

Supports printing of a variety of Japanese (kanji) typefaces

**TWINAX/COAX CONNECTION**

Supports printing from IBM midrange and mainframe computers

**AGENCY APPROVALS**

UL, CSA, TUV, FCCClass A

**CONFORMITY ASSESSMENT**

CE Mark (EMC Directive 89/336/EEC and LVD Directive 73/23/EEC)

This data sheet is for informational purposes only.

DATAMAX MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, IN THIS SUMMARY. Specifications are subject to change without notice. All trademarks are the property of their respective owners. © 1998 DATAMAX BAR CODE PRODUCTS CORPORATION All rights reserved 10/98.



DEMAND DATAMAX

**CORPORATE HEADQUARTERS**4501 Parkway  
Commerce Boulevard  
Orlando, Florida 32808  
Phone: 407-578-8007  
Fax: 407-578-8377**NORTH AMERICA**7500 Flying Cloud Drive  
Suite 655  
Eden Prairie  
Minnesota USA 55344  
Phone: 612-946-0026  
Fax: 612-946-0030**DATAMAX INTERNATIONAL**Herbert House  
Elizabeth Way, Pinnacles  
Harlow, Essex CM19 5FE UK  
Phone: +44 1279 772200  
Fax: +44 1279 424448**ASIA-PACIFIC**19 Loyang Way  
#01-01 CILC Building  
Singapore 508724  
Phone: +65-542-2611  
Fax: +65-542-3611**YEAR 2000  
COMPLIANT**

92-2144-01Rev A

**DATAMAX®**

# DMX 600

D A T A M A X   T H E R M A L   T R A N S F E R   P R I N T E R



The DMX 600 thermal transfer label printer features a maximum 6.7 inch media width and print speeds of up to 8 inches per second. You also get laser quality print resolution of 300 dots per inch and a list of features others call options. Features include: full roll internal rewind, clear media window, font/memory card interface and a second RS-232 port.

Options include: twinax/coax, cutter, present sensor, ribbon saver, RAM and FLASH memory modules and capability to upgrade internal RAM to 16MB.

The DMX600 Features:

- High speed thermal printing for industrial and compliance applications
- Print width of 6.4" provides an expanded print area
- High resolution 300 dpi printhead for small text and bar code printing
- Easy to operate, adjust and maintain
- Industrial, rugged, "tough" internal and external design
- One of the industry's most successful wide web thermal printers

**DATAMAX**<sup>®</sup>