

Trade Scales Limited

Thermal Label Printing Solutions

Datamax W-Class

Features

W-CLASS PRINTERS are ideal for applications such as:

- Compliance Labelling
- Pallet Tracking
- Packing Lists
- Drum Labelling
- Asset Tracking
- Work In Progress

Please note, the manufacture of this printer has been discontinued, however, the product is still wholly supported.

The Datamax W-Class Family of printers are designed to address the specialized printing needs of applications where wide label formats are industry-standard requirements. The W-Class product family consists of the W-6208, the W-6308, and the W-8306. W-Class wide-format label printing products are the most advanced of their kind in the marketplace today.

The W-Class features more standard memory, a fast processor, and the scalability required in today's connected workplace. The W-Class utilizes the acclaimed electronics features of the industry-leading Datamax I-Class product line, including a card cage with the option to add accessories anytime and on-site. W-Class printers are constructed to endure the most intense industrial printing environments, with an all-metal chassis and heavy-duty metal exterior designed to protect the value of your technology investment.

All of the W-Class printers are equipped with an adjustable-contrast LCD front-panel display that allows operators to select media, speed and temperature settings as well as network connectivity options. The W-Class Family of printers are ideal for mission critical compliance labelling applications such as automotive, chemical, transportation and paper-processing industries requiring ODETTE, EAN-128 and AIAG labels. It is equipped with a 32-bit, 90-MHz, true multi-tasking processor and 16MB of standard memory, which provides accelerated first-label output and variable-data printing.

When it comes to reliability, ease of use, maintenance, and high performance, there is just one choice, the Datamax W-Class Family of printers. They are the most affordable high – performance, heavy duty, mission critical, wide web thermal printers in today's market.



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Specifications

Model	W-6208	W-6308	W-8306
Print Speed	8 IPS	8 IPS	6 IPS
Resolution	203 DPI	300 DPI	300 DPI
Print Width	6.62" (168.1 mm)	6.40" (162.6 mm)	8.53" (216.7mm)
Media Width	2.0" - 6.7" (50.8mm - 170.18mm)	2.0" - 6.7" (50.8mm - 170.18mm)	3.0" - 9.0" (76.2mm - 228.6mm)

Printer Type	Direct Thermal or Thermal Transfer
Bar Code Modulus	5 mil to 150 mil (203 dpi) / 3.3 mil to 150 mil (300 dpi) "X" dimension in picket fence or ladder orientations
Media Type	Roll-fed or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock
Media Thickness	.0025" – .0100" (.0635mm – .254mm)
Print Length*	0.5" – 99.99" (12.7mm – 2539.7mm) * Print length values vary with printer configuration
Media Sensing	Adjustable sensor detects "see through" for liner-backed die-cut labels and tags or reflective sensing for media with black stripe sensing
Supply Roll	8" (203mm) maximum diameter on 1.5" – 3" (38mm – 76mm) core. Fan-fold stock accepted from rear of printer
Revolving Media Hubs	Standard 3" and 1.5" hubs
Label Backfeed	For use with optional cutter
Ribbons	Industry standard ribbon widths; 1" (25mm) ribbon core, 1509' (460M) in length
Cabinet	Metal construction, clear side window to easily monitor media supply levels
Bar Codes	BAR CODES Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Code 128, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC 2 and 5 digit addendums, Code 93, Postnet, UCC/EAN Code 128, Telepen, UPS MaxiCode, FIM, PDF417, USD-8, Datamatrix, QR Code, Aztec, TLC 39, Micro PDF417
Resident Fonts	Ten alphanumeric fonts from .035" (.89mm) to .64" (16.26mm) including OCR-A, OCR-B, CG Triumvirate™, CG Triumvirate Bold Condensed™ scalable font from AGFA®.
Downloadable Font Types	True-Type, AGFA® Intellifont™, Bitmap
Character Set	Modified 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 Supported	.PCX, .BMP and .IMG files
Reverse Fields / Mirror Image	Any font or graphic field can be printed as a normal or reverse image
Real Time Clock	
Memory	2MB Flash; 16MB SDRAM
Interfaces	Centronics® Parallel port, IEEE 1284 compliant and RS232 at 2,400 to 38,400 BPS; optional Ethernet, USB, and Twinax/Coax
USB Host Ports	DRIVER Used for creating label formats using virtually any Windows®-based program
Power Source	90 – 132 or 180 - 264 VAC @ 47 – 63 Hz; auto switching; specify appropriate power cord when ordering
Operating Temperature	32°F to 100°F (0°C to 38°C)

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Specifications (cont'd.)

Dimensions	14.8" H x 13.8" W x 18.50" D (376mm H x 351mm W x 470mm D); W-6208 & W-6308 14.8" H x 16.1" W x 18.50" D (376mm H x 409mm W x 470mm D); W-8306
Weight	55 lbs., (24.8Kg); W-6208 & W-6308 65 lbs., (29.3Kg); W-8306

Datamax W-Class Options:

- Cover Dampener
 - Label Present Sensor
 - DMXnet Ethernet Connectivity
 - DMXrfnet Ethernet Connectivity
 - Light Duty Cutter*
 - Peel And Present
 - USB Interface
 - Standard Cutter
 - Font Expansion Card
 - RS-422 Interface
 - I/O Expansion Card
 - ILPC - CG Times™ Firmware
 - Twinax / Coax Interface
 - Internal Rewind
 - Hangul, Simplified Chinese, And Kanji Font Support
- * Not available for the W-8306

