

## PRODUCT SPECIFICATIONS

# W-CLASS



▪ W-6208 ▪ W-6308 ▪ W-8306

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 labeling 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.

### W-CLASS PRINTERS

are ideal for applications such as:

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

# DATAMAX<sup>®</sup>

[www.datamaxcorp.com](http://www.datamaxcorp.com)



#### CORPORATE HEADQUARTERS

4501 Parkway Commerce Blvd.  
Orlando, Florida USA 32808  
Phone (407) 578-8007  
Fax (407) 578-8377  
[customer-care@datamaxcorp.com](mailto:customer-care@datamaxcorp.com)

#### DATAMAX LABELS AND RIBBONS

Phone (800) 321-2233  
Fax (800) 436-8920  
[dmxmedia@datamaxcorp.com](mailto:dmxmedia@datamaxcorp.com)

#### DATAMAX LATIN AMERICA

Phone (407) 523-5520  
Fax (407) 578-8377  
[tdelegado@datamaxcorp.com](mailto:tdelegado@datamaxcorp.com)

#### DATAMAX INTERNATIONAL

Phone +44 1279 772200  
Fax +44 1279 424448  
[rbyrne@datamaxcorp.com](mailto:rbyrne@datamaxcorp.com)

#### DATAMAX ASIA-PACIFIC REPRESENTATIVE OFFICE

Phone +65-6542-2611  
Fax +65-6542-3611  
[datamax@pacific.net.sg](mailto:datamax@pacific.net.sg)

#### DATAMAX CHINA REPRESENTATIVE OFFICE

Phone +86 21 64952882  
[datamax\\_cn@china.com](mailto:datamax_cn@china.com)



## PRODUCT SPECIFICATIONS

# W-CLASS

	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		
PRINT LENGTH*	0.5" - 99.99" (12.7mm - 2539.7mm) * Print length values vary with printer configuration		
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)		
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	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		
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		
WINDOWS® DRIVER	Used for creating label formats using virtually any Windows®-based program. Included on Datamax Accessories CD, or via our web site at <a href="http://www.datamaxcorp.com">www.datamaxcorp.com</a>		
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)		
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
- DMXrNet 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
- RIBBON SAVER
- HANGUL, SIMPLIFIED CHINESE, AND KANJI FONT SUPPORT

\* Not available for the W-8306

Built to UL, Canadian, and European safety standards, FCC Class A emissions standard and CE Mark. 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. ©2004 DATAMAX BAR CODE PRODUCTS CORPORATION. All rights reserved. Datamax is an ISO 9001 registered company.

