

➤ PRODUCT SPECIFICATIONS

A-CLASS

Print Engines for applicators



■ A-4212 ■ A-4310 ■ A-4408 ■ A-4606 ■ A-6212 ■ A-6310

When the demands of your high performance print and apply application require more features than existing print engines offer, it's time to move up to the new Datamax A-Class™.

The Datamax A-Class family of advanced print engines includes a number of innovative design features such as stainless steel hardware components, modular electronics card cage, field installable thermal transfer ribbon assembly, a remote control panel, and a full graphics display.

Designed for print and apply applicator integration, the A-Class utilizes the industry recognized Datamax I-Class firmware architecture with connectivity options to industry standard communications interfaces.

For compliance requirements, the A-Class with RFID option allows users to encode smart labels at the point of print, where most experts agree that encoding should take place to avoid any chance of mismatch between printed and encoded information. The A-Class RFID option currently accommodates EPCglobal Class 1 tags with either 64 or 96 bits of memory. More tag encoding capabilities will be added as specifications and requirements evolve.

When you need to depend on your applicator print engine to keep your business in business, move up to the Datamax A-Class.



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PRODUCT SPECIFICATIONS

A-CLASS



Right-hand Model, Cover Open



Rear of Printer, Slide in Card Cage

DATAMAX A-CLASS STANDARD FEATURES:

- Right-handed printer
- Media peel bar
- 4MB FLASH downloadable program memory
- 16MB DRAM memory
- Two RS-232 serial interfaces, 9pin
- One IEEE 1284 compliant parallel interface
- One USB v1.1 interface
- RS422/RS485 Interface
- One applicator interface ports (15pin) with programmable inputs and outputs
- Graphics LCD control display with backlight
- EFIGS (English, French, Italian, German, and Spanish) LCD languages
- AGFA Scalable Font Engine with CG Triumvirate™ Scalable (regular and bold condensed) fonts
- Industry standard bar code symbologies
- Time and Date battery back up
- Static brushes
- Host Computer accessible RAM/Flash memory for object temporary storage
- DPL command language
- Slide in style card cage
- Fault handling with reprint or void selection
- Parse error-tolerant command language interpretation
- Internal test labels for printhead verification, print quality validation, and internal configuration
- Resident multiple setup store and restore capability
- Time stamp at print capability
- Paper retract control after print
- Ribbon low detection and warning
- Power up diagnostics
- Resident option hardware diagnostics
- Diagnostic display and modes
- Media counters
- Front panel security
- Input line mode (ASCII text input) capability
- Option hardware auto-detection
- Scalable Font dynamic font attributes, bold and italics
- Firmware upgrades downloadable
- Audible Alert

SUPPORTED BARCODES: 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, RSS

DATAMAX A-CLASS STANDARD FEATURES:

| | A-4212 | A-4310 | A-4408 | A-4606*** | A-6212 | A-6310 |
|--|---------------|---------------|---------------|----------------------|---------------|---------------|
| RESOLUTION (dpi) | 203 | 300 | 406 | 600 | 203 | 300 |
| MAX PRINT WIDTH (in) | 4.094 | 4.161 | 4.094 | 4.157 | 6.610 | 6.401 |
| NOM PRINT HEAD DOT SIZE (in x in) | .0043 x .0052 | .0027 x .0043 | .0013 x .0018 | .0008 x .0015 | .0043 x .0052 | .0027 x .0043 |
| PRINT SPEED (in/sec) | 2 - 12 | 2 - 10 | 2 - 8 | 2 - 6 | 2 - 12 | 2 - 10 |
| MEDIA WIDTH RANGE (in) | 1 - 4.65 | 1 - 4.65 | 1 - 4.65 | 1 - 4.65 | 2 - 6.70 | 2 - 6.70 |
| RIBBON WIDTH RANGE (in) | 1 - 4.65 | 1 - 4.65 | 1 - 4.65 | 1 - 4.65 | 2 - 6.70 | 2 - 6.70 |
| MEDIA EDGE TO PRINthead DOT 1, LH MODEL (in) | .070 | .000 | .070 | .000 | .000 | .054 |
| MEDIA EDGE TO PRINthead DOT 1, RH MODEL (in) | .070 | .070 | .070 | .070 | .070 | .070 |
| MEDIA CORE ID RANGE (in) | | | | N/A, External Supply | | |
| MAX MEDIA ROLL OD* (in) | | | | N/A, External Supply | | |
| MAX RIBBON LENGTH** (ft) | | | | 1968 | | |
| MEDIA THICKNESS RANGE (in) | | | | .0025 - .010 | | |
| PRINT LENGTH RANGE (in) | | | | .25 - 99 | | |

| | A-4212 | A-4310 | A-4408 | A-4606 | A-6212 | A-6310 |
|--|-----------|-----------|-----------|----------------------|-----------|-----------|
| RESOLUTION (dpm) | 8.0 | 11.8 | 16.0 | 23.6 | 8.0 | 11.8 |
| MAX PRINT WIDTH (mm) | 104.0 | 105.7 | 104.0 | 105.6 | 167.9 | 162.6 |
| NOM PRINT HEAD DOT SIZE (mm x mm) | .11 x .13 | .07 x .11 | .05 x .07 | .03 x .06 | .11 x .13 | .07 x .11 |
| PRINT SPEED (mm/sec) | 50 - 304 | 50 - 254 | 50 - 203 | 50 - 152 | 50 - 304 | 50 - 254 |
| MEDIA WIDTH RANGE (mm) | 25 - 118 | 25 - 118 | 25 - 118 | 25 - 118 | 50 - 170 | 50 - 170 |
| RIBBON WIDTH RANGE (mm) | 25 - 118 | 25 - 118 | 25 - 118 | 25 - 118 | 50 - 170 | 50 - 170 |
| MEDIA EDGE TO PRINthead DOT 1, LH MODEL (mm) | 1.78 | .000 | 1.78 | .000 | .000 | 1.37 |
| MEDIA EDGE TO PRINthead DOT 1, RH MODEL (mm) | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 |
| MEDIA CORE ID RANGE (mm) | | | | N/A, External Supply | | |
| MAX MEDIA ROLL OD* (mm) | | | | N/A, External Supply | | |
| MAX RIBBON LENGTH** (M) | | | | 600 | | |
| MEDIA THICKNESS RANGE (mm) | | | | .06 - .25 | | |
| PRINT LENGTH RANGE (mm) | | | | 6 - 2500 | | |

* Labels wound out only ** Coated side in only *** The A-4606 is only available as a custom order. Contact your Datamax representative for lead times.

DATAMAX A-CLASS OPTIONS:

- LEFT-HANDED VERSIONS
- DIRECT THERMAL (no ribbon)
- RIBBON SAVER
- INTERNAL WIRELESS LAN (DMXrINET)
- INTERNAL ETHERNET LAN (DMXNET)
- EXTERNAL ETHERNET LAN (DMX-100)
- INTERNAL TWINAX/COAX INTERFACE
- REMOTE FRONT PANEL DISPLAY
- RFID (Encodes EPC Class 1 tags)
- EXTERNAL KEYBOARD SUPPORT
- 8MB FLASH MAIN LOGIC BOARD
- LINERLESS (Special Order)
- INTERNATIONAL LANGUAGE PRINT CAPABILITY (ILPC) consisting of one of the following:
 - CG-TIMES SCALABLE FONT
 - KANJI GOTHIC B & E SCALABLE FONTS
 - SIMPLIFIED CHINESE GB SCALABLE FONT
 - KOREAN HANGUL SCALABLE FONT
 - SUPPORTS BIG 5 ENCODING

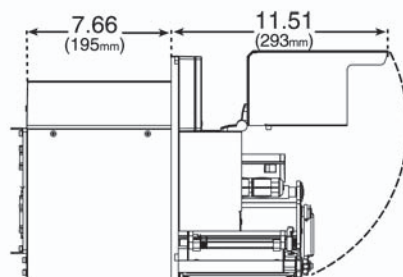
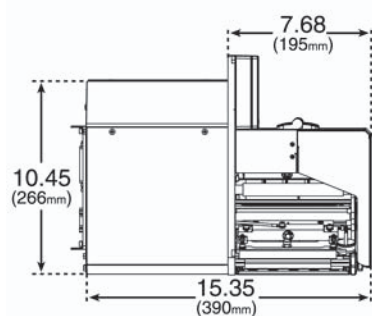
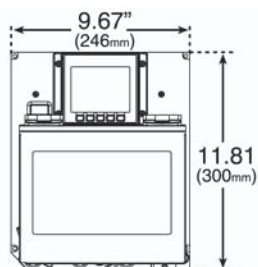
440 lb dynamic load capacity bearings on common platen rollers



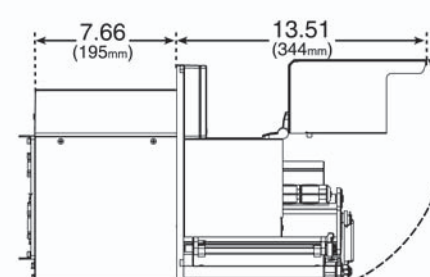
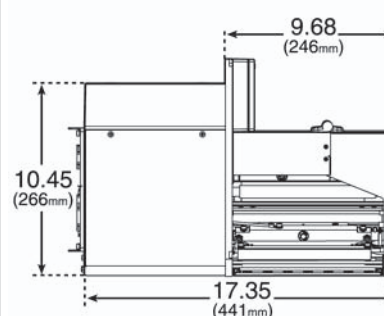
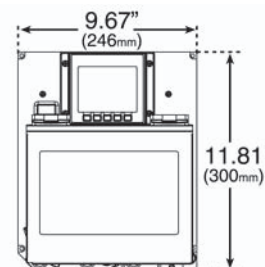
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- A-6212
- A-6310



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DATAMAX
A DOVER COMPANY



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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permanent stock of more than 12,000 products.

Same-day shipping. For all orders placed and confirmed before 16:00 on working days.

Best prices. With Logiscenter, you can be sure that you are paying a fair price for your products we will not overcharge you.

Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.

Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



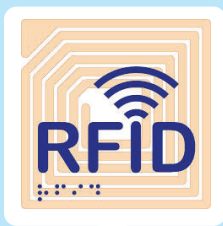
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

Our Brands



MOTOROLA



Intermec®

Honeywell®

DATALOGIC™



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Metrologic

LXE

EPSON®

elo

star

unitech

PRINTRONIX

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All Brands
Technical Service