

High-Performance Industrial Printers ■ ■ ■



The H-Class is a rugged and versatile printer that offers one of the most feature rich solutions for dynamic enterprise applications and is twice as fast as other printers in its class. The H-Class is ideal for high-volume label printing in manufacturing, warehouse, transportation, and high resolution labeling.

H-Class reduces the total cost of ownership with its gear driven design to provide rugged and reliable performance for 24 x 7 mission critical services. H-Class offers a broad range of connectivity to meet diverse application requirements and easily integrates into any network. Modular construction increases up-time for the highest levels of user productivity. H-Class has the industry's largest graphical display and provides an easy-to-read view for quick navigation and printer notifications. Support of UHF and HF RFID configurations for current or future requirements protect your printer investments. The high quality features, performance, and rugged reliability make the H-Class the best value of any premium printer on the market.

features at a glance ■ ■ ■

- **Connectivity:** H-Class printers come standard with Ethernet, Parallel, Serial, and USB/SDIO interfaces for extra capacity models giving users flexibility in integration
- **Rugged construction** features a gear-driven design and durable die-cast aluminum frame
- **Wide range offering** includes 203, 300, 406, and 600 dpi resolution models
- **Multi-language menu** available in English, Spanish, German, Italian, and French
- **Large 240x320 graphical LCD display** for ease in navigating menus as well as data collection ("X" models only)
- **Field installable options** such as cutters, peel & present sensors, and thermal transfer option can be added easily to upgrade a base printer
- **Versatile media compatibility** supports coated side in or coated side out ribbons without reconfiguring the printer or purchasing additional options resulting in easier ribbon inventory management
- **IntelliSEAQ™ printhead:** proactive diagnostic tools allow easy access to printhead performance and history
- **Software:** The H-Class utilizes widely used DPL and supports MCL designer and 123 Print. With the PL-Z and PL-I printer language emulations, users can easily integrate the printer to existing solutions

popular applications ■ ■ ■



Manufacturing

- Asset Tracking
- Finished Goods Marking
- Agency Labels
- Case Labels



Transportation and Logistics

- Cross Docking
- Sorting Centers
- Shipping Labels
- Pallet Tracking



Food and Beverage

- High Resolution Labeling
- Expiration Dates and Time Stamps
- Product Identification
- Shipping Labels



Pharmaceuticals

- Compliance Labels
- Product Identification
- Track and Trace
- Pick Lists

your benefits ■ ■ ■

One printer does it all – The H-Class printer can be used in a wide variety of industrial applications with a range of media compatibility, connectivity, emulation support, and options including RFID support. H-Class offers a complete range of 12 printer models with the best value proposition for premium industrial class printers.

Increased productivity – The H-Class decreases downtime with its easy to maintain modular features such as the lower roller which improves peeling performance, split design of the label supply hub which allows lower torque on narrow media, and field-installable options including a full 8" internal self powered rewind.



Integration Tools Datamax-O'Neil provides tools that give you maximum flexibility in integration:

Integrate easily into existing applications
Our language emulation programs allow users to seamlessly replace Zebra and Intermec printers.

Reduce set-up time:
DMXconfig - Set-up utility
DMXNetmanager - Remote management
IntelliSEAQ™ - Built-in print head reporting Firmware

Connectivity for all environments
Ethernet-wired LAN 10/100, USB host, or optional wireless 802.11 b/g



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right by our customers.



4" H-Class

The H-Class is a family of high performance stationary label printers that thrive in a 24x7 work environment. Versatile and durable, the H-Class offers models that meet the requirements for even the most complex applications. The gear driven design and die-cast aluminum frame ensures you years of reliable service and a strong ROI.

The H-Class 4-inch series generates labels up to 4.16 inches wide with outstanding print quality from 203 dpi to 600 dpi and high speeds of 6 to 12 ips.



4" H-Class "X"

The H-Class 4 inch extra capacity ("X") series offers the same durability and versatility of standard 4-inch series but with a full roll internal rewinder and expanded front panel display. The user-friendly LCD graphical backlit display is nine times larger for easy to read label

configuration and set-up. The 4X series is also 3.4 inches taller to accommodate the full roll internal label rewinder.

Model

H-4212	H-4408	H-4310	H-4606	H-4212X	H-4310X	H-4606X
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Resolution

203 dpi (8 dpmm)	406 dpi (16 dpmm)	300 dpi (12 dpmm)	600 dpi (24 dpmm)	203 dpi (8 dpmm)	300 dpi (12 dpmm)	600 dpi (24 dpmm)
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Max Print Speed

12 ips (304 mm/s)	8 ips (203 mm/s)	10 ips (254 mm/s)	6 ips (152 mm/s)	12 ips (304 mm/s)	10 ips (254 mm/s)	6 ips (152 mm/s)
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Max Print Width

4.09 in (103.9 mm)	4.09 in (103.9 mm)	4.16 in (105.7 mm)	4.16 in (105.7 mm)	4.09 in (103.9 mm)	4.16 in (105.7 mm)	4.16 in (105.7 mm)
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Front Panel Display Size

128 x 64	240 x 320
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6" H-Class

The H-Class 6-inch series are high performance printers perfect for printing midsize labels used in the automotive industry, manufacturing and pallet labels. The H-Class

6-inch series generates labels up to 6.61 inches wide with outstanding print quality from 203 dpi to 300 dpi and high speeds of 8 to 10 ips.



6" H-Class "X"

The H-Class 6-inch extra capacity ("X") series offers a larger internal rewinder and expanded front panel display than the standard 6-inch models. The LCD graphical backlit display is nine times larger for easy to read

configuration and set-up. The 6X series is also 3.4 inches taller to accommodate the full roll internal label rewinder.



8" H-Class "X"

Features a full roll internal rewinder and expanded front panel display.

Model

H-6210	H-6308	H-6212X	H-6310X	H-8308X
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Resolution

203 dpi (8 dpmm)	300 dpi (12 dpmm)	203 dpi (8 dpmm)	300 dpi (12 dpmm)	300 dpi (12 dpmm)
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Max Print Speed

10 ips (254 mm/s)	8 ips (203 mm/s)	12 ips (304 mm/s)	10 ips (254 mm/s)	8 ips (203 mm/s)
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Max Print Width

6.61 in (167.9 mm)	6.40 in (162.6 mm)	6.61 in (167.9 mm)	6.40 in (162.6 mm)	8.52 in (216.4 mm)
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Front Panel Display Size

128 x 64	240 x 320	240 x 320
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