



I-Mark
VX32
& DOD 8000+

Reliable marking and coding on any substrate

Optimized for usability, the robust IMark VX32 is an easy-to-use, yet powerful controller for Matthews Marking Systems' excellent valve jet printheads from the DOD 8000+ and the DOD Standard Series. With a 7" touchscreen and an intuitive user interface, creating messages and print layouts has never been easier. Multilingual with support for bi-directional text, Japanese and Chinese IME and a wide character set.





Multilingual with support for bi-directional text, Japanese and Chinese IME



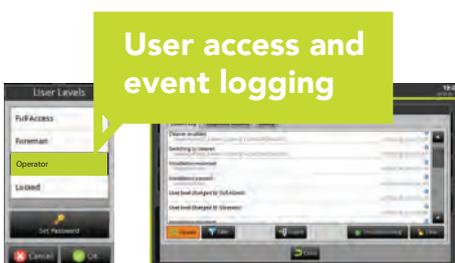
Advanced counters, shift and date codes



Easy code creation



Easy setup wizard



User access and event logging

Your code - Correct and the way you want it. We make it Easy!

- + Easy system setup
- + Easy code assurance with real-time views of exactly what is being printed
- + Easy to use drag-and-drop code creation
- + Easy to create advanced date codes and any form of custom shift or batch codes in virtually any language or character
- + Easy to select between a wide range of custom bitmap fonts or upload your own true type fonts
- + Easy tamper-protection by password protected user levels



Unprecedented reliability and lowest cost-per-print

Our top-of-the-line 8000+ Series printheads feature low ink consumption with high print quality at high speeds.



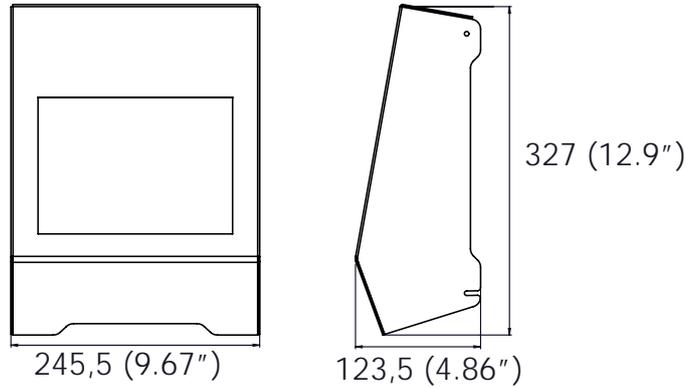
- + First-class endurance. Expected service life in excess of 9 billion firings.
- + Precision jewels set in a stainless-steel faceplate provide dramatically lower ink consumption and cost per code.
- + Built-in ink/cleaner selector switch allowing automatic cleaning of the system while reducing waste of solvents (32-valve and 16-valve heads).
- + Wide variety of ink types to match ALL applications, including clean and efficient water-based inks, colored food-grade inks and fast-drying inks based on MEK, acetone and ethyl acetate.
- + Exclusive electronics and valve design provide high quality prints at line speeds up to 238m/min (780 fpm). Printheads can be tilted/rotated to adjust the height and resolution of printed marking for most applications.



Technical Specifications

Printheads	Kg	100-240VAC	0-45°C	Rh	IP
4x7 valve 2x16 valve 1x32 valve	3,9kg 8.6lbs	50-60Hz 2,5 A	32-113°F	10-90% non condensing	IP42

Dimensions



Capabilities

- + Very easy, guided installation
- + True multilingual, including support for BIDI, Japanese and Chinese IME
- + Password protected user levels
- + Troubleshooting and Maintenance screens
- + Virtually unlimited storage for messages and logos
- + External communication via Ethernet or RS232
- + Easy backup, restore and software update over USB
- + Optimized fonts with a wide character set for global applications
- + Online cost-per-mark and ink usage calculator
- + Static and dynamic text fields
- + User-editable variable fields
- + Customizable date, time and shift codes
- + Customizable sequential and batch counters
- + Barcodes and 2D codes

Recommended Printheads*

DOD8000+



	Printhead Type	Min. Char. Size	Max. Char. Size	Res. Print Distance
8000+ Maxid Max speed: 780 fpm ¹ 238 m/min	7-Valve	1/4" (6 mm)	1 1/4" (32 mm)	1/2" (8 mm)
	16-Valve	1/4" (6 mm)	2 1/2" (64 mm)	1/2" (8 mm)
	32-Valve	1/4" (6 mm)	5" (128 mm)	1/2" (8 mm)
8000+ Midi Max speed: 400 fpm ¹ 122 m/min	7-Valve	3/16" (5 mm)	1 1/4" (32 mm)	1/2" (8 mm)
	16-Valve	3/16" (5 mm)	2 1/2" (64 mm)	1/2" (8 mm)
	32-Valve	3/16" (5 mm)	5" (128 mm)	1/2" (8 mm)
8000+ Mini Max speed: 400 fpm ¹ 122 m/min	7-Valve	3/32" (2 mm)	1 1/4" (32 mm)	1/4" (6 mm)
	16-Valve	3/32" (2 mm)	2 1/2" (64 mm)	1/4" (6 mm)
	32-Valve	3/32" (2 mm)	5" (128 mm)	1/4" (6 mm)

*Also supports Matthews STD IJH print heads

8000+ Series printheads deliver low ink consumption with high print quality at high speeds

Recommended Ink systems



High Pressure (HP), 2x1 Litres
High Pressure (HP) Advanced, 2x1 Litres with built-in low-level alarm

Self operating, does not require external pressurized factory air