

Marksman *PRO Vx*

Inkjet Systems to Meet Your Needs

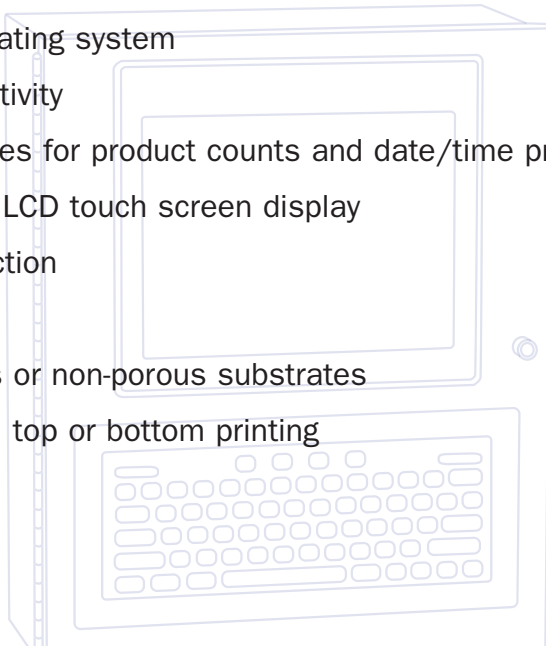
Marksman Pro Vx utilizes VxJet9X integrated valve printheads featuring a nine valve pattern. A wide array of built-in auto codes allows the user to quickly develop a message and print.



Marksman *PRO Vx*

Marksman Pro Vx Features & Benefits:

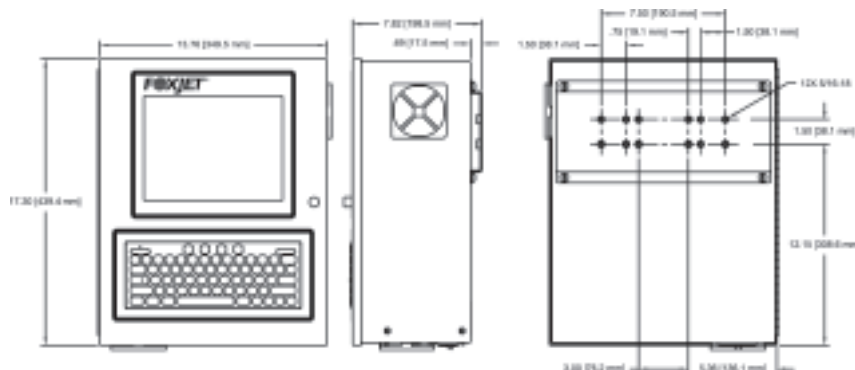
- Window XP operating system
- Ethernet connectivity
- Built-in auto codes for product counts and date/time printing
- High Resolution LCD touch screen display
- Password Protection
- QWERTY keypad
- Prints on porous or non-porous substrates
- Mounts for side, top or bottom printing





Marksman Pro VX-Enabled Controller

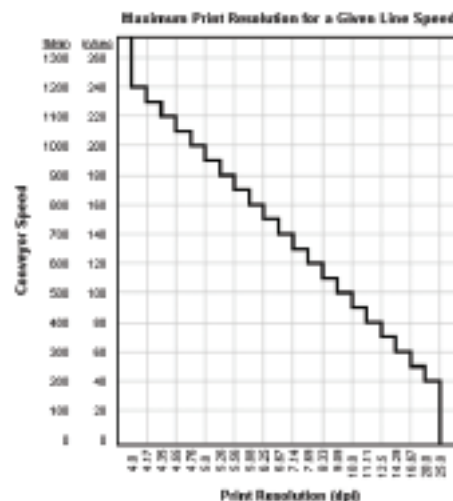
The Marksman Pro VX-Enabled Controller offers complete control for your coding processes and the flexibility to meet your changing printing requirements.



Specifications

Processor	SBC 800 MHz with 128 MB RAM
Power Input	100-240VAC, 50-60Hz at 3A max
Ports	COM 1 - Serial Port RS232 10/100 Base-T Ethernet Print head, ProSeries (up to six heads) Encoder A Encoder B Strobe Auxiliary Port - Serial Port (Scanner) VGA Output Keyboard/MS Mouse
Enclosure	Stainless Steel
Weight (Controller only)	28.4 lbs. (12.9 kg)
Operating System	Windows XP®
Environment	Ambient operating temperature: 40° to 104° F (5° to 40° C)
Operating Humidity	10-90%, non-condensing
Print Heads	Integrated valve up to eight (8) 9-Dot heads per card
Storage	40 GB hard drive
Alarms	Optional beacon
User Interface Type	Graphical User Interface
Keyboard	70-Key, QWERTY style, Elastomeric Keyboard
Display	640 x 480 color LCD with touch screen, 10.4" diagonal
Print Head to Controller	Max. distance between print head and controller is 100 feet

Speed Considerations



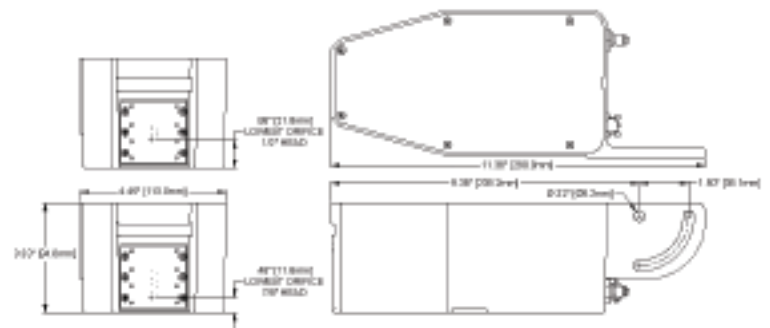
VxJet9X Integrated Valve Printheads

The VxJet Integrated Valve printhead uses a flexible membrane sandwiched between two plates, which propels ink droplets onto moving surfaces by solenoid activation. This design keeps the ink between the front-plate and membrane, away from the solenoids. The printhead is capable of printing at very high line speeds with a minimum of required maintenance. It can produce highly legible 1/2" to 7/8" tall characters.



Specifications

Weight	5.4 lbs (2.4 kg)
Enclosure	Paint over anodized aluminum
Electrical	15 VDC input from controller
Ink Filtration	25 micron in-line
Print Speed	Up to 650 ft/min (print resolution dependent)
Ink Type	Porous (water based) or Non-Porous (alcohol or MEK based) as indicated on label.
Operating Pressure	7 psi ink input
Environment	Ambient operation temperature: 40°F to 104°F (10°C to 40°C)
Operating humidity	10 - 90% non-condensing



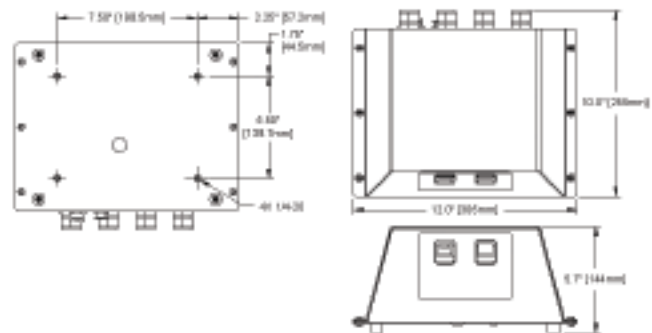
VxJetIS

The VxJet Ink System (IS) provides ink to the printheads utilizing an ink pump, accumulator, and circuit board with precise pressure.



Specifications

Enclosure	Stainless steel
Ink Filtration	100 micron absolute (5760-319 Ink Filter Assembly)
Electrical:	103VAC-122VAC, 60Hz, 1.0 Amp max. (Non-European)
Operating Pressure	20 psi to 25 psi (approximately)
Environment	Ambient operation temperature: 40°F to 104°F (10°C to 40°C)
Operating humidity	10 - 90% non-condensing
Tubing Limitations	Maximum horizontal tube length = 100 ft. Maximum vertical tube length (bottom of ink supply to bottom of highest print head) = 20 ft.
Ink Supply Limitations	Maximum height above ink supply (top of ink container to bottom of ink supply) = 8 ft. Maximum distance below ink supply (bottom of ink container to bottom of ink supply) = 8 ft. Maximum horizontal distance (between ink supply and ink container) = 8 ft. Maximum number of valves = 144



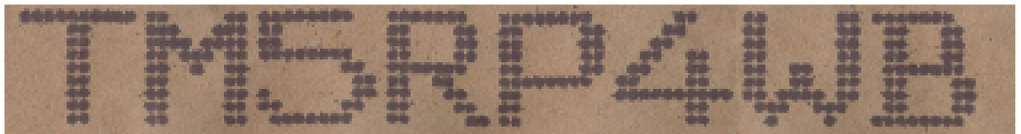
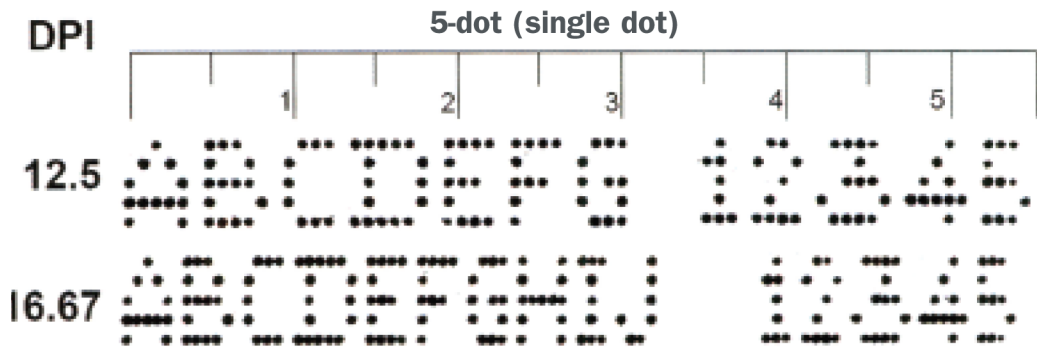
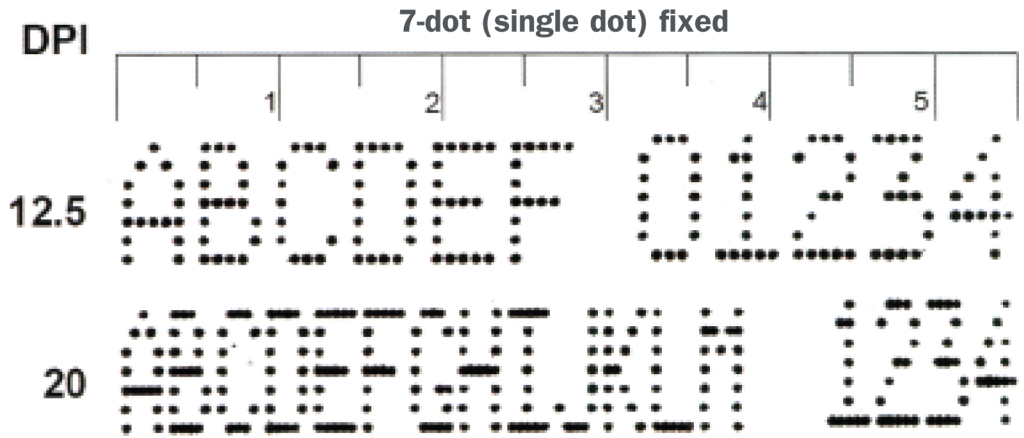
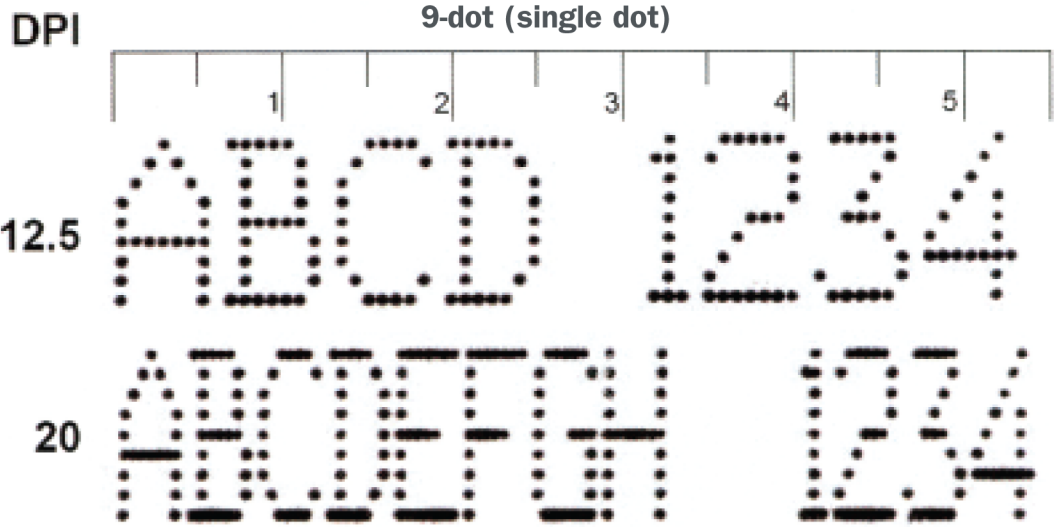
Systems



VxJet Print Samples



The VxJet 9X printheads are available with non-porous ink for marking on pails, shrink wrap and many other non-porous surfaces.



Distributor Information



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