ProSeries

High Resolution Printing for All Your Marking and Coding Needs

FoxJet offers the ProSeries line of High Resolution Printheads and Controllers which are designed to meet the unique and changing needs of today's packaging lines.

FoxJet ProSeries

The ProSeries high resolution printers from FoxJet are built for reliability and offer various printing capabilities including up to a 4" print area of text, graphics and barcodes. And three controller options allow for flexible user interface and integration.

- Automatic Priming System
- Serviceable for maximum printhead life
- Stainless steel ink path
- Trident printhead technology

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ProSeries Printheads

FoxJet's ProSeries printheads are designed for porous substrates and feature a dual feed ink delivery system, stainless steel ink path and low ink sensors to maximize uptime.

Printheads

	ProSeries 384	ProSeries 768	ProSeries Alpha Controller
Print Height	Image area up to 2"	Image area up to 4"	Image area from 1" -1.9"
Print Orientation	Integrated -- horizontal or horizontal angle, Modular -- print down applications		
Mounting Angle	90°	90°	34° - 90° from horizontal
Orifices/Channels	384/128	768/256	224/32
Lines of Print	Up to 21 lines	Up to 42 lines	Up to 5 lines
Horizontal Resolution	Selectable up to 300 dpi		
Throw Distance	Up to 1/8"	Up to 1/8"	Up to 1/2"
Operating Conditions	Temperature: 50° - 104° F (10° - 40° C), Relative humidity: 20% - 80% (non-condensing)		
Cable Lengths	30" standard, 10' and 25' extensions available		
Priming	Automatic Priming System, standard	Automatic Priming System, standard	Push-button electric pump
Ink Delivery	Dual feed system		
Sensors	Float switch low ink sensor and full waste bottle sensor	Float switch low ink sensor and full waste bottle sensor	Float switch low ink sensor
Ink	ScanTrue II black	ScanTrue II black	ScanTrue II and AlphaMark black
Substrates	Formulated for porous surfaces		
Applications	Formulated for barcodes, logos, graphics and text messages	Formulated for barcodes, logos, graphics and text messages	Formulated for text messages
Drying Time	Less than 1/4 second on porous surfaces		
Characters/ML	199,800 characters at .375" height (10 mm) 173,160 characters at .5" height (12 mm) 37,106 characters at 1" height (25 mm) 19,604 characters at 2" height (51 mm)	199,800 characters at .375" height (10 mm) 173,160 characters at .5" height (12 mm) 37,106 characters at 1" height (25 mm) 19,604 characters at 2" height (51 mm) 9,802 characters at 4" height (102mm)	199,000 characters at 3/8" height (10 mm) 173,00 characters at 1/2" height (12 mm) 37,000 characters at 1" height (25 mm) 19,500 characters at 1 7/8" height (48 mm)

Marksman Elite Controller

FoxJet's Windows® -based Marksman Elite Controller is a flexible stand-alone industrial controller that is designed with a leading 17" touch screen for easy viewing and message creation. The rugged stainless steel case design captures all connectors internally, keeping them free from exposure to moisture and dirt. The Marksman Elite was designed with 50% fewer components than previous models to maximize reliability and uptime. Our Elite is easy on the environment, by utilizing Intel's® low power Atom® processor and Solid State Disk the controller is designed to consume a third less power compared to previous models.

Specifications

Processor	Intel® Atom™ N270
Power Input	100-240VAC, 50-60Hz at 3A max
Ports	Ethernet, 3 USB, 2 RS232 Serial
Memory	2 GB, 200pin DDR2 SO-DIMM
Data Storage	40 GB Solid State SATA drive
Alarm	Optional 3 color beacon
Enclosure	Stainless Steel
Weight (Controller only)	26.5 lbs (12.0 kg)
Operating System	Windows® XP Professional
Display	17" diagonal 1280x1024 LCD with Resistive touch screen.
Environment	Ambient operating temperature: 40° to 104° F (5° to 40° C) Operating humidity: 10-90%, non-condensing
Print head types	ProSeries 768 and ProSeries 384
Printhead to controller	Maximum distance between printhead and controller is 25 ft (7.6 meters) max

Marksman Duo Controller

FoxJet's Marksman Duo Controller is capable of operating up to two ProSeries high-resolution printheads. The LCD color touch screen offers the user clear WYSIWYG interface for easy operation.

Specifications

Ports	One Ethernet, Two External USB, Two RS232 Serial
Enclosure	Painted steel
Weight (Controller only)	6.5 lbs (2.95 kg)
User Interface	Graphical User Interface, Keyboard – 70-key, QWERTY style, Elastomeric Keyboard, Display – 320 x 240 color LCD with touch screen, 5.7" diagonal
Environment	Ambient operation temperature – 40° to 104°(5° to 40° C), Operating humidity – 10 to 90%,non-condensing
Printheads	High-resolution – 192, 352, 384, AC
Storage	40 GB hard drive
Alarms	Optional beacon
Printhead to controller	Maximum distance between printheads and controller is 25 feet
Supply Input	High-resolution – 100-240VAC, 50-60Hz at 1.9A

Marksman Next Controller

The Marksman Next controller is designed to work with a single printhead or can network with multiple Marksman Nexts to control an entire factory. The Next controller was developed to work with FoxJet's ProSeries high resolution printheads to create industry compliant barcodes, graphics or alphanumeric text.

Ports	RS232, one ethernet, encoder in/out, alarm, power
Enclosure	Anodized aluminum
Weight (Controller Only)	2.4 lbs.
User Interface	Boxwriter Next software
Environment	Ambient operation temperature: 40° to 104° F (5° to 40° C)
Printheads	1 ProSeries Printhead
Printhead to Controller	Maximum distance between printheads and controller is 25 feet
Supply Input	100-240VAC, 50-60Hz at 1.5A max

Distributor Information

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