

QuadTech® Register Guidance System with MultiCam®

Commercial

Newspaper

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Packaging



If you are looking for high-performance, automated and fully integrated color-to-color register control, look no further: The revolutionary QuadTech® Register Guidance System with MultiCam® combines unmatched color-register performance with the flexibility needed to meet the most demanding press requirements. Plus, you'll benefit from breakthrough camera technology that's adaptable, affordable and virtually maintenance free. You'll achieve salable copies in a minimum number of press impressions from startup, reducing waste, increasing savings and maximizing quality.



Accurate, efficient control for exceptional quality

When it comes to accurate, efficient register control, nothing outperforms the QuadTech® Register Guidance System with MultiCam®.

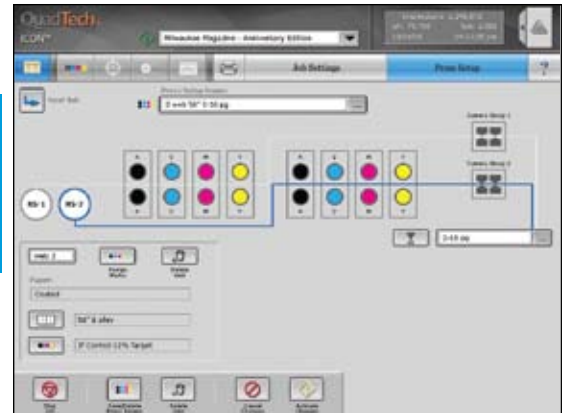
- Share a single Operator Control Station for all your QuadTech control systems and streamline your operations using the QuadTech® ICON™ platform.
- Greatly streamline job setup by giving your operators instant access

to preset parameters for all their saved jobs.

- Quicken makeready, minimize errors and reduce waste. Camera functions can be preset with information from the press controls themselves or from the ICON setup library – including mark position information.
- Quantify your high quality for customers, and monitor and improve



Register Guidance System Run Screen Commercial



ICON Press Setup Screen



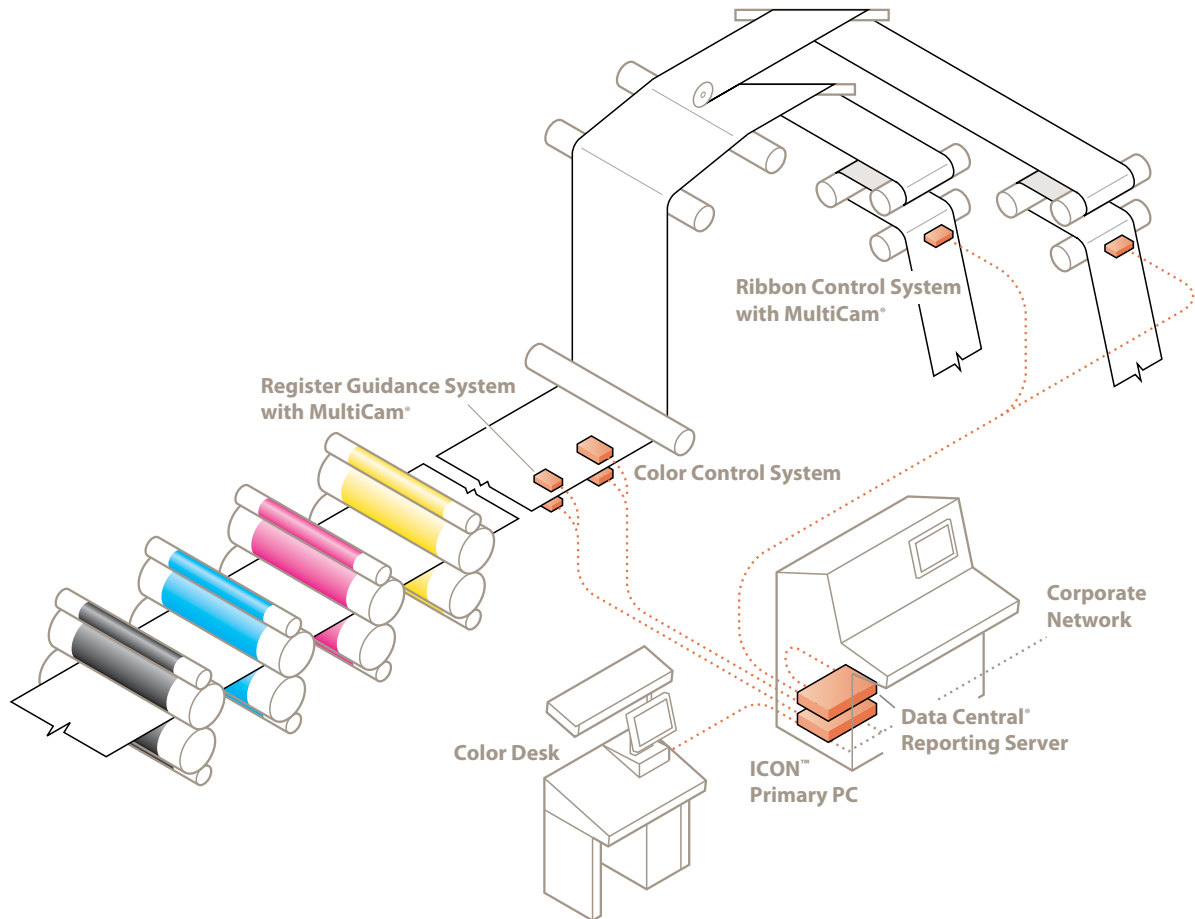
the performance of your presses with Data Central's Performance Reporting Module™. With relevant, powerful data at your fingertips, you'll boost productivity and performance, reduce makegoods, minimize rebates and reruns – and optimize your profitability.

- You can incorporate your choice of enhancements from an extensive portfolio of options, including ink guiding to improve print-to-slit registration, as well as direct-printing control.
- Anti-embossing, another option, is designed to compensate for a variety of press and paper issues, while allowing your operators to maintain their normal blanket-wash cycle.

Breakthrough camera technology

The Register Guidance System takes full advantage of breakthrough proprietary camera technology developed specifically for register control and the harsh press environment.

- MultiCam provides both circumferential and lateral color register control in a compact, low-profile system.
- It identifies register marks as small as 0,36 mm (0.014 in) as well as RGS, Autotrom™, and other manufacturers' marks at speeds up to 17,8 M/sec (3,500 ft/min).
- Find marks faster during makeready and web-tension upsets with



MultiCam's industry-leading searches of 30 times per second.

- It's compatible with our motorized camera transport technology, allowing you to further streamline system setup.
- Minimize scanner cleaning with MultiCam's active OptiGuard™, which uses compressed air to keep the camera lens clean.

Ease and flexibility – affordably

The Register Guidance System with MultiCam allows you to integrate with a variety of functions, enhancing your operation to precisely meet your pressroom's unique requirements.

- You can incorporate only the features you need today without compromising your ability to add functionality in the future.
- This system accommodates and automates many special applications, including direct printing.
- To further automate and streamline your printing processes, you can complement your Register Guidance System with the QuadTech® Ribbon Control System with MultiCam® for ribbon and cutoff control.
- Plus, as much as this system does for you, operator training is incredibly easy, so your pressroom can experience maximum benefits with minimal wait.

How can we help you?

At QuadTech, we're leveraging the knowledge we've gained from our printing heritage to develop innovative solutions for the challenges you face every day.

Because we're also committed to achieving the highest standards of quality in our manufacturing and engineering processes, QuadTech is an ISO 9001:2000 registered company.

For details, please give us a call today.

QuadTech® Register Guidance System with MultiCam®

Specifications

Performance:

Measurement resolution	0.01 mm
Maximum operating speed	17,8 m/sec (3500 ft/min)
Maximum number of controlled units	216
Maximum number of motors	1080

System Requirements:

Voltage	100V-240V +/- 10%
Power consumption	Varies based on configuration
Frequency	50 or 60 Hz
Phase	Single Phase

Process Technologies:

Camera sensor type	Proprietary Area Array
Registration mark type	Mini Marks Ahead & Mini Marks Across

Environment:

Temperature range	0° C - 55° C (32° F - 131° F)
Maximum humidity	95% noncondensing

Interface Capability:

	Supports most major press controls
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Operator Control Station:

Type	Universal Touch Screen
Maximum number of operator control stations	12+
Operating System	Microsoft Windows®
Communication means	Ethernet

Certifications:

	Meets CE Standards
	UL Approved

Options:

Software	Phasing control
	Error Alarms
	Ink Guiding (ink to slit registration)
	Anti Embossing
Hardware	Motorized Bars
	Multiple Encoders
	Optiguards, Active or Passive

Specifications subject to change without notice.



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