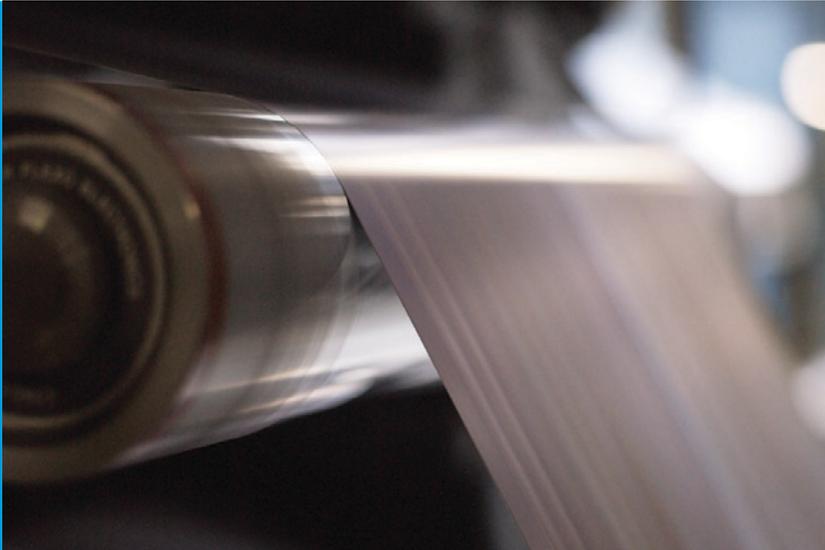# QuadTech® Register Guidance System Optional Software Solutions

| **Commercial** | **Newspaper** | Publication Gravure | Packaging & Converting |

Automatically controls fan-out and cocking

As web widths and speeds evolve to new levels, it's critical that your register control has the power and intelligence necessary to keep up with them. While superb color-to-color registration is standard with the QuadTech Register Guidance System, a range of additional enhancements are available to ensure that your register control meets growing demands, while reducing paper and ink waste, slashing makeready times and cutting labor needs.

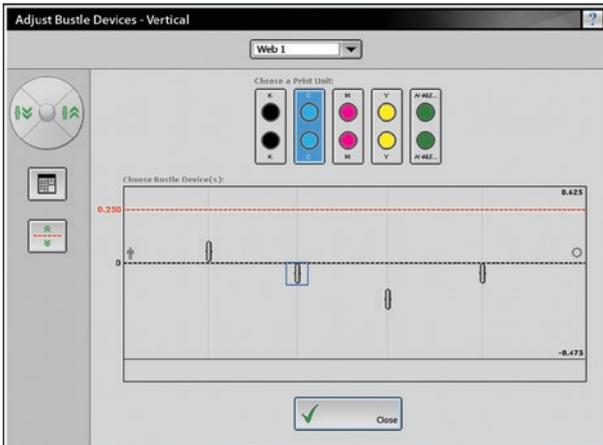**Smart automated solutions that expand your quality options.**

QuadTech offers high-speed, high-performance closed-loop control solutions for a variety of process variables. When banded with the QuadTech® Register Guidance System with MultiCam® or the QuadTech® Register Guidance System with Vector® on the ICON™ Platform, our software delivers precision measurement and control and added value.

Fan-Out Control. As your web grows in size, the more issues you're likely to have with fan-out errors. QuadTech's fan-out control software automatically keeps your system in lateral register across the full width of the web throughout the entire run. Register control cameras mounted on both the gear and operator sides of the web capture even the tiniest shift in lateral register position and instantly make automatic corrections via an interface with the bustle devices. Inaccuracies that occur with the subjectivity of manual corrections are eradicated. Reworks are eliminated, makeready is faster and color fit is spot on.

Cocking Control. Plate cocking errors also create quality issues and siphon off your operators' time and attention. QuadTech's cocking control solution automatically adjusts your system's cocking motors to realign circumferential register when plate cocking changes occur. One operator can program the system for the specific application and monitor the print run from the same operator control station as the rest of your ICON Platform control systems. No tools are required. Makeready is fast and easy. And the bottom line is smoother operation and unrivaled registration accuracy.

QuadTech® Register Guidance System Optional Software Solutions

Make precise bustle wheel adjustments remotely

Ensures accurate ink-to-slitter register

Anti-Embossing. Blanket piling, ghosting and embossing not only erode print quality, but waste ink and paper while cutting the life of your blanket. QuadTech's anti-embossing solution is the ideal way to compensate for press and paper issues that normally require more frequent blanket washes. By automatically enabling the dot to print in different locations on the blanket, anti-embossing prevents piling, ghosting and embossing issues while stabilizing dot gains across the web throughout the run. Print quality is improved with less ink build-up and waste is dramatically reduced. You can maintain a normal blanket-wash cycle, increasing productivity and prolonging blanket life.

Ink Guiding. A tiny shift in the image can create huge slitting problems. Valuable time is lost when your operator has to manually adjust the web to correct the error. And if the error goes unnoticed and printed product is slit in the wrong places, it can be costly both in waste and in the need for rework, not to mention the loss of a valued customer. QuadTech's ink-guiding solution eliminates the problem. It automatically senses the deviation and corrects the print to slitter register by adjusting the web guide. Quality is maintained, productivity improved and your customer stays happy.

Flexible. Modular. QuadTech systems and software solutions are easily integrated. You can incorporate only the features you need today without compromising your ability to add functionality in the future.

QuadTech enhances your competitive edge with powerful, performance proven solutions that boost quality and efficiency, reduce waste and increase your profitability.

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