

QuadTech® PPC 3000X for Newspapers

Newspaper

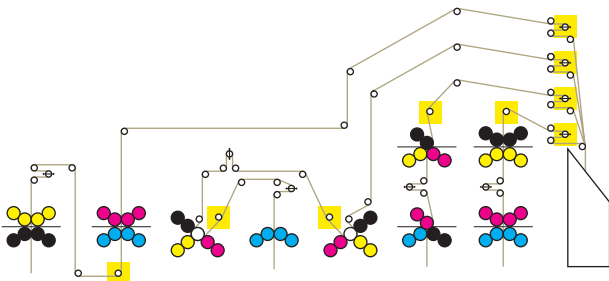
Commercial

Gravure



Although the system compensates for changing registration automatically, the operator can make manual adjustments using the system's numeric keypad and direction keys.

The QuadTech® PPC 3000X is powerful enough to control multiple devices from a single operator control station.



The PPC 3000X for newspapers is a flexible and affordable solution for automatic, unit-to-unit color-register and print-to-cut register control. It ensures consistently high-quality registration and minimizes waste during makeready, speed changes, splices, and restarts.

Uncommon flexibility

The PPC 3000X is flexible enough to meet the needs of virtually any newspaper pressroom.

- In pattern-recognition mode, the system memorizes a printed image, compares subsequent images against that memorized standard, and initiates the appropriate compensations whenever it detects differences.
- In mark-recognition mode, which accommodates automatic makeready, the scanner automatically searches for a register mark, calculates any registration error, and initiates compensation via the appropriate register-correction devices.
- In optional dual-mark recognition mode, the system automatically finds and monitors two register marks – ideal for circumferentially registering two printing devices to each other.
- Applications include unit-to-unit and print-to-cut register.
- It's also ideal for registering a mono unit to a common impression cylinder (CIC) press.

Unsurpassed waste savings

This system was designed specifically to meet the production challenges and cost constraints of the high-speed newspaper pressroom.

- A 50-job setup-configuration library and automatic makeready help minimize waste from the start.
- The system begins maintaining register as soon as the printed image appears.
- It ensures waste savings during speed changes, splices, restarts and steady-state running, even at speeds over 15,2 M/sec (3,000 ft/min).
- An operator-friendly user interface featuring a backlit LCD display and soft-key operation allows the operator to monitor and control multiple devices simultaneously.
- Correction values and diagnostics relative to system performance are automatically displayed, making it easy for the operator to manually fine tune corrections when desired.

May we tell you more?

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.

For details, please give us a call today.

QuadTech® PPC 3000X for Newspapers

Specifications

Performance:

Measurement resolution	0,05 (unit to unit) – 0,11mm (cutoff)
Maximum operating speed	15,2 m/sec (3000 ft/min)
Maximum number of motors controlled	48

System Requirements:

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

Process Technologies:

Scanner sensor type	LED Light Reflective
Scanner transport	Manual
Registration mark type	Mark or pattern recognition

Environment:

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

User Interface:

Type	Membrane Keypad w/ LCD Display
Maximum number of operator control stations	Max 6 nodes per network
Operating System	Proprietary
Communication means	Arcnet

Certifications:

CE Compliant
UL Listed

Options:

Hardware	OptiGuard – Passive & Active Models
	Dual mark – Newspaper Unit-to-Unit Register
	Remote switch panels

Specifications subject to change without notice.

QuadTech.

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