

QuadTech® PPC 3000X for Commercial Printing

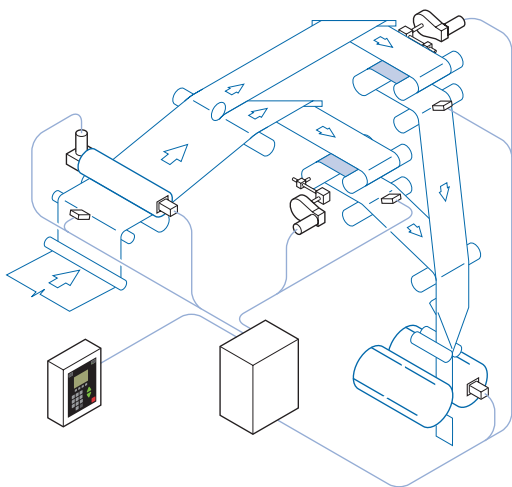
Commercial

Newspaper

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 PPC 3000X is powerful enough to control multiple web or ribbon compensators from a single operator control station.

The PPC 3000X for commercial printing is a flexible and affordable system that provides full-web and multiple-ribbon control from a single, integrated operator station. It's ideal for the full range of print-to-process control applications, including print-to-cut devices such as folders, sheeters, and rotary cutters, as well as print-to-process devices such as pattern perforators, numbering units, pattern coaters and more.

Outstanding flexibility

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

- Its platform accommodates up to 48 web or ribbon compensators from a single operator station, allowing practical, single-point control for ribbon decks.
- Alternatively, multiple operator stations can be used to distribute control points wherever you want them.
- It operates in either mark- or pattern-recognition mode, using as a reference either a register mark or a printed image that's repeated from impression to impression.
- Customized programming for various job conditions is accommodated, promoting quick setup of even the most complex jobs.
- To detect print-to-process registration changes throughout the run, the system automatically compares scanner information and encoder timing pulses with the image stored in memory.
- When differences are detected, the system automatically directs the compensating devices to make the appropriate adjustments – even during press-speed changes.

Exceptional ease of use

Intuitive ease of use and a minimal learning curve were top priorities in this system's design.

- An operator-friendly user interface features a backlit LCD display and soft-key operation.
- The operator can view multiple devices simultaneously.
- The size and direction of corrections are displayed automatically.
- The operator can enter absolute moves directly through the PPC 3000X's numeric keypad.

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.

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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.



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