

SELECUT10K is a single channel automatic register control for printing presses and converting machines. This system is particularly adapted to maintain the front/back register and for the inseting control on pre-printed web.

The system works with a LCD 8,4" touch screen monitor which makes the operator's life easy and enhance the job quality.

This sophisticated system integrates a supervisor software including histogram of production.

The equipment detects the marks through a white LED fiber optics scanning head connected to an amplifier with automatic gain control. Mark recognition is automatic.



OUR PRODUCTS

REGISTER CONTROLS



WEB INSPECTION SYSTEMS



WEB-GUIDES CONTROLS



VISCOSITY CONTROLS

SELECUT10K

SINGLE CHANNEL REGISTER CONTROL

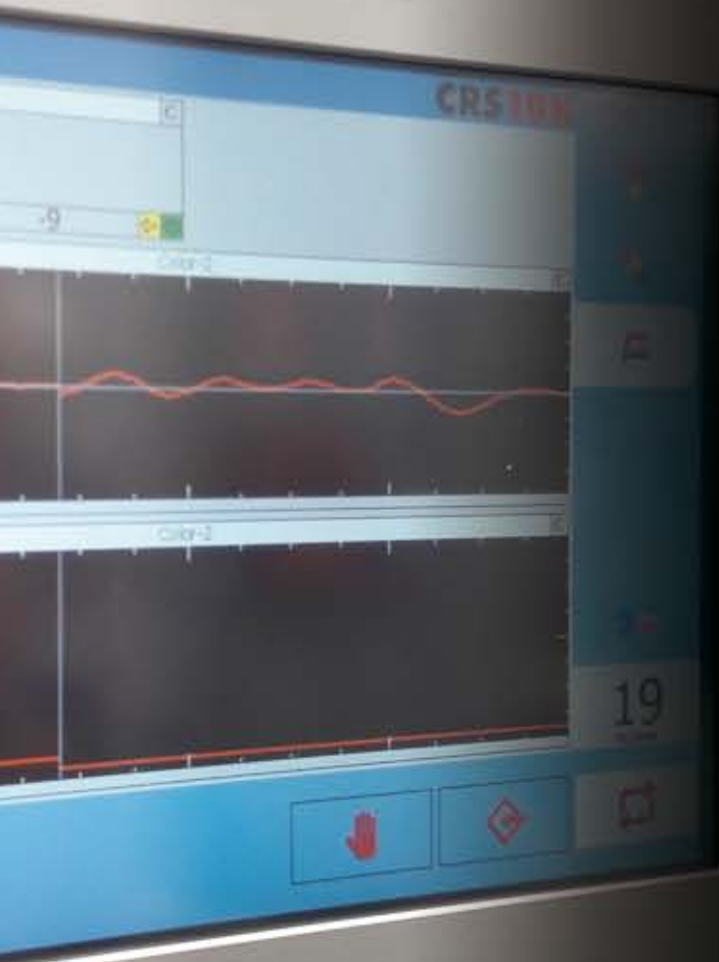


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Advantages:

- Significant waste reduction due to automatic mark recognition
- Increased productivity by reducing down time
- Works on any substrate
- Optimizes product quality
- Minimizes waste during start up, re-starts, press acceleration/deceleration and also during reel changes
- Fast Return-On-Investment
- Fast production changeovers
- Resulting in better effective use of press time and resources, thereby decreasing the impact on the environment

Field of application:

- Printing presses
- Coating and laminating machines
- Embossing, punching, folding machines
- Die-cut, cut-off machines
- Bag making machines



Operator's friendly

Programming, configuration and adjustment are extremely easy for the operator. Setup and operation is implemented through an industrial PC with LCD touch-screen monitor.

Register marks:

The marks act as reference for the register control. Correct alignment of the register marks results in perfect registration of the print.

Correction motors:

- Slo-Syn
- DC with variable speed
- AC with variable speed
- Brushless
- Gearless
- Brakes to adjust the tension of the band

Extremely high precision:

Granting an outstanding reading tolerance. The control uses PID algorithms to immediately eliminate errors due to splicing, reel changes and variations in speed or tension. Thanks to the sophisticated algorithm, the system works flawlessly even under abnormal conditions.



Technical information

- Operation speed: from 5 to 600 m/min
- Max. correctable error: settable
- Sensitivity: 0,01 mm
- Error threshold: pre-settable
- Min working speed: programmable
- Mark recognition: automatic
- Pre-setting: fully automatic
- Start-up: fully automatic
- Windows based software
- Serial interface for connection to the main computer