

Automatic Register Control System

REG 4000

SAAPL's latest series of REG 4000 for rotogravure printing machines provides optimum efficient register correction at either speed with use of latest double eye photoelectric sensor, highly efficient embedded PC, touch monitor and Individual unit motor control.

Pictorial symbol with suitable guidelines ensures easiness in quick set up with optimum correction in just a "ONE TOUCH".



APPLICATIONS

- ROTOGRAVURE PRINTING MACHINE
- FLEXOGRAPHIC PRINTING MACHINE
- OFF-LINE REGISTER MACHINE



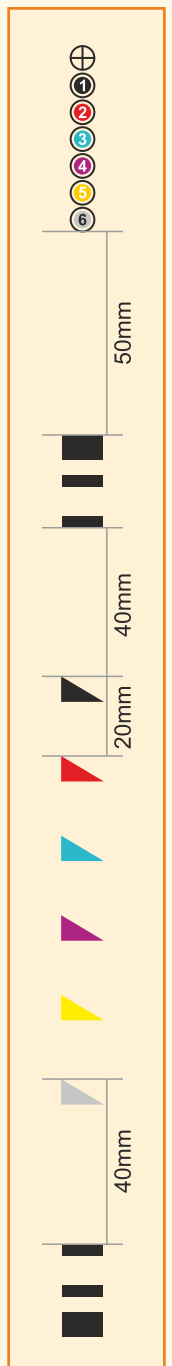
UNIT CONTROLLER



DOUBLE EYE SENSORS



ALARM UNIT



SPECIFICATIONS

MODEL	REG 4000
Speed Control	Up to max 400 m/min
Accuracy	± 0.01 mm
Amendment Speed	1 mm/s
Repeat	350-1500 mm
Unit	Up to 16 color
Area	Vertical and horizontal error
Power	800 W
Voltage	AC 230V±10 % 50-60 Hz

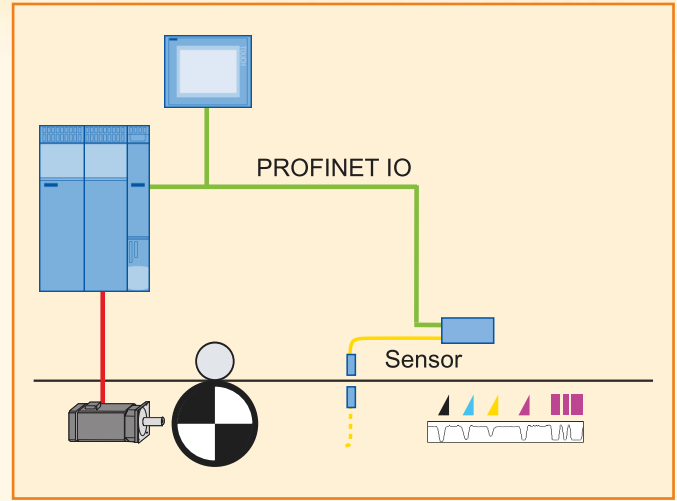
- Presetting Function (Optional).
- Machine integration for motor or drive (Optional).

Integrated Register Control System

APPLICATIONS

- ELS ROTOGRAVURE PRINTING MACHINE
- REGISTER COATING MACHINE
- ELS FLEXO PRINTING MACHINE
- COLD SEAL
- WINDOW LAMINATION

UPGRADABLE
TO PRE-REGISTER
CONTROL FOR
NEW JOB



FEATURES

- Integrated with Simotion to avoid communication delay. It works on IRT communication.
- No Noise issue in communication cable.
- Communicate via profinet communication which is faster than profibus communication.
- Minimum error detection is 10 micron.
- Automatic register mode will change from manual to auto within 5 sec. with minimum wastage.
- Fast correction in splice and ramp up/down period.
- Individual station register control parameters (gain, revolution, time etc.).
- Pre-register integration with Simotion.

AVAILABLE VERSION

TRC 3000

TRC 7000

