

INKDOT

inkdot

REMOTE CONTROL SYSTEM OF REGISTERS

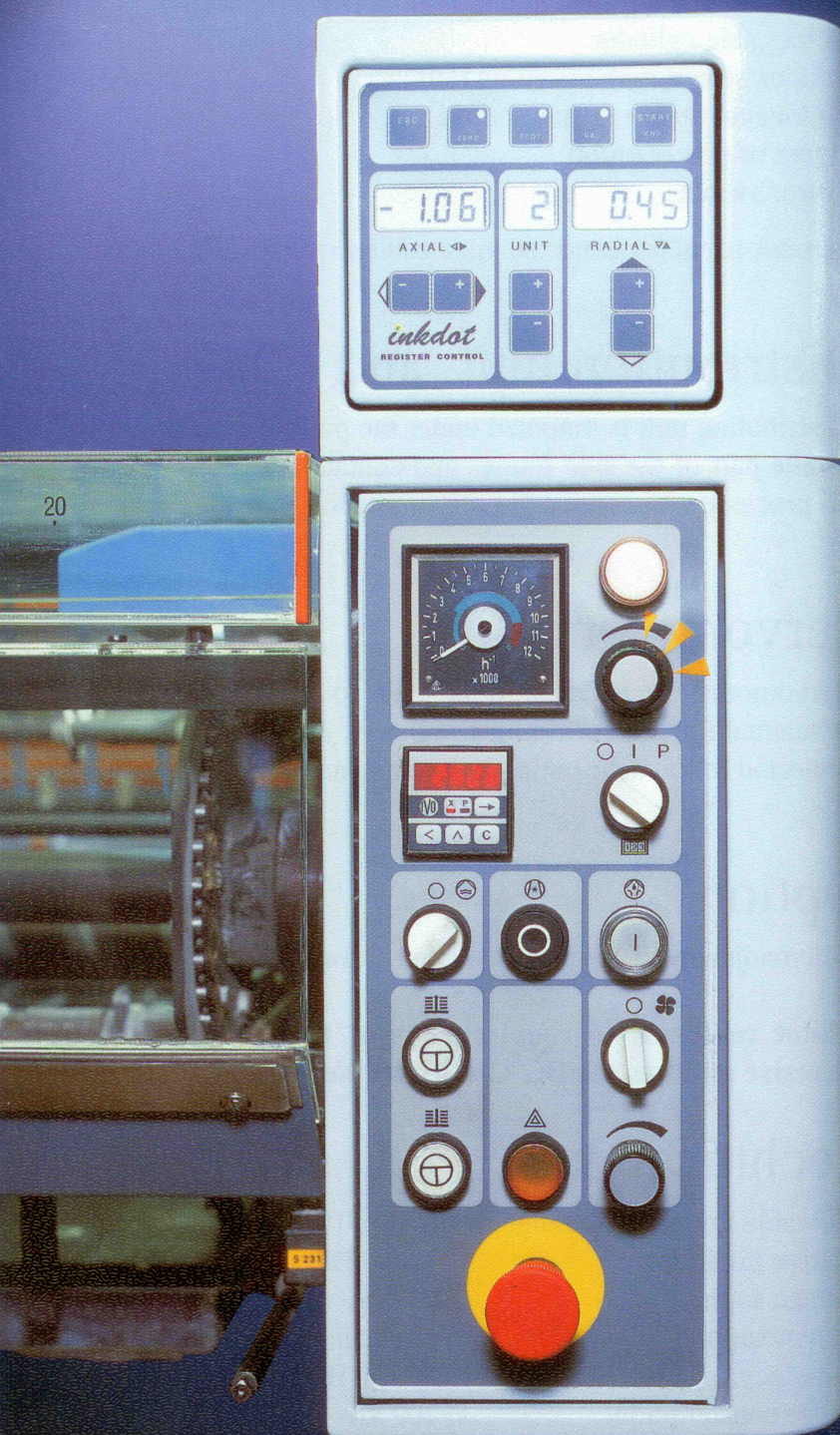
Easily retrofittable computerized control system for lateral and circumferential registers. Inkdot replaces the manual adjustments of plate cylinders on the run by the fast and accurate adjustments made by servomotors.

inkdot benefits:

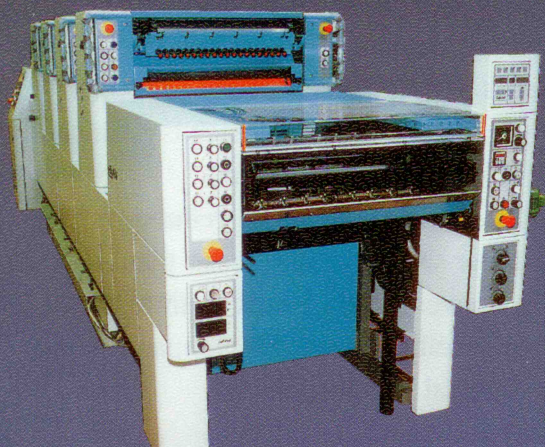
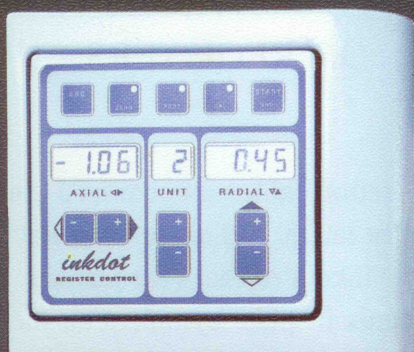
- **easy operation**
setting of registers is easily controlled from the Inkdot panel which is positioned on the delivery of the press
- **time savings and waste reduction**
register setting is 50% faster than the conventional manual method, waste is reduced by over 30% compared to manual adjustments
- **fast return on investment**
Inkdot register control gives you a quick payback often within a year
- **high quality and reliability**
Inkdot consists of industrial components which are highly reliable and efficient

inkdot advantages:

- easy to learn
- easy to install
- easy to own
- universal application on almost any offset press
- retrofittable to both new and used presses



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Operator panel with the following functions:

- signal of selected regime (zeroing, protection, calibration)
- button to select user functions (zeroing, protection, calibration)
- display indicating the selected printing unit
- display indicating the lateral (axial) position of the plate cylinder
- display indicating the circumferential (radial) position of the plate cylinder
- buttons selecting the printing unit
- buttons to direct register control
- signal of power on/off
- power switch

Operator panel is connected via a cable to the distribution unit.

Distribution unit and cables

Distribution unit is mounted under the press covers in the pile part of the side frames and contains the power supply and processors to control the servomotors.

Servomotors

Servomotors are attached to the press to monitor and replace the manual function of running registers. All servos are connected to the distribution unit via signal and power cables.

Option

Microadjustment of sideguide control for two color presses.

Inkdot conforms to requirements of the EC Machinery Directive and has the BG Certificate No. 96027.

Technical data

allowable temperature range:	0°C - 40°C / 32°F to 104°F
relative humidity:	max. 75%
voltage supply:	230V + - 10%
current supply:	alternating sinusoidal
frequency:	50 - 60 Hz
power consumption:	200 VA
gross shipping weight:	50 kg / 110 pounds

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