

WE
CONTROL
IT



Die cutter control system for misprinted sheets without special markers

LithoCheck determines all faulty sheets in the die cutter and stops for release at the feed table. An automatic lock out can be started. Measurement is performed using an RGB camera sensor. For measurement, printed motifs or structures are suitable as markers.

- Trusted detection of faulty sheets in die cutters
- Sheet position control in die cutters
- Imprint electronic register control
- Detection of the smallest geometric errors

Advantages

- Prevention of mixed typefaces and turned sheets
- Outward transfer or removal of faulty sheets
- Automatic saving of log files
- Input display in motif selection
- Less additional space and maintenance requirements

LithoCheck



Clear dataview



Positiontraverse with camera at the straighten table



Compact control unit with PC

Performance features

- Colour sensor with integrated maintenance-free LED lighting
- Compact sensor (80 x 65 x 120 mm) with X/Y position adjustment
- Evaluation range up to 50 x 50 mm, Evaluation time < 10 ms
- Adjustable margin of error (0.1 mm step size) and evaluation range
- Detection of image differences
- Alarm outputs for processing in machine control systems
- Error and history logs
- Can also be used with reflective materials
- Touch operation

Scope of supply

- Colour sensor with fixing and sheet pressers
- LithoCheck software
- Control unit with PC
- TFT touch monitor
- Instructions, wiring diagrams

Options

- PDF protocol
- Red-yellow-green light beacon
- Laser sensor for triggering sheet feeders
- Adjustable crossbar for camera mounting

Application areas

- All die cutters
- Gathering machines
- Gluing and folding machines
- Sorting machines and much more