

SHOW DEBUT!

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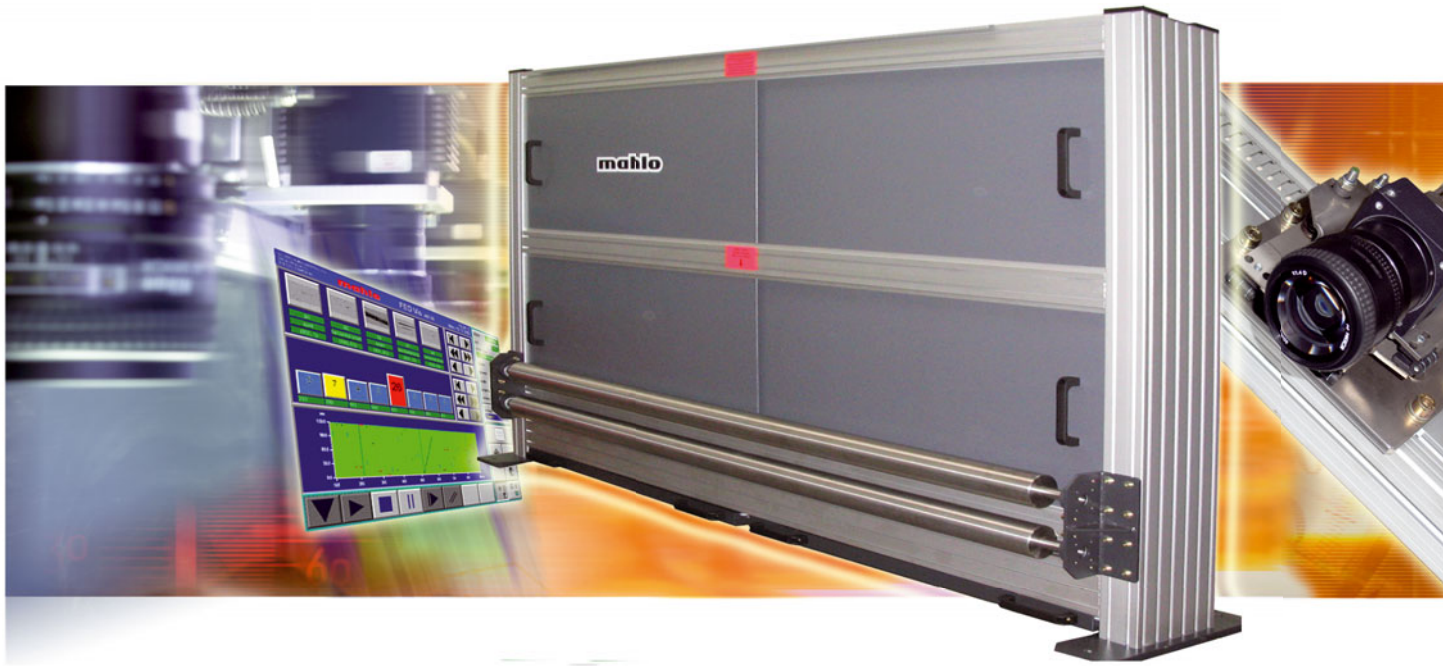
trendsetting technology. worldwide.



Quality made
in Germany

WEBCAN WIS-12

Online perching system



Cloth inspection assisted by the very latest in camera technology

Up to 100% fault-detection quota

At line-speeds of up to 100 m/min

High-resolution detection of faults of over 0.5mm in size

Measurement

Control

Automation

WEBSCAN WIS-12

Fault detection online – simple and reliable

The problem

Detect Correct Check

Perching with the naked eye is slow, cost-intensive, tiring and reliant on the percher's constitution. Minute faults are often not spotted at all, and the detection quota lies somewhere between 40-60% only. In many labour-intensive markets dealing in high quality products in great bulk, mechanized perching is therefore an absolute must in the future if there is to be any guarantee of the sought-after detection quota of 100%.

The solution

The tried and tested WEBSCAN WIS-12 perching system comprises in essence:

- Camera unit
- Lighting unit
- Passage counter
- Camera enclosure
- Control panel
- Display and control terminal
- Laser printer
- Marking system (optional)

The system is furnished with up to 8 line-cameras, the number dependent on individual requirements. The standard appliance is suitable for line-speeds of up to 100m/min (or higher if required). The material is illuminated by either diffused incident or back lighting inside the enclosure, which effectively keeps out extraneous light. Various kinds of light and colour can be chosen to suit the application.

Layout and options:

Owing to its convenient, modest size, a Webscan can be integrated quite easily into an existing processing range.

Apart from this, Mahlo also offers blanket solutions comprising centre batcher, COLORSCAN CIS-12 colour inspection system for online measurement of colour, WEBSCAN WIS-12 perching table, and centre/tangential batcher with ultrasonic sensors for calculation of moment and diameter.

User-interface

The intuitive Mahlo-designed user-interface with touchscreen facilitates access to the following functions:

- Fault detection and classification
- Selvege sensing
- Recipe management
- Automatic adaption of luminosity
- Fileserver interface for PDF-log
- Digital I/O interface for line control
- Integrated databank

Classification

Faults are automatically classified as follows:

- Point fault
- Lengthwise fault
- Cross-web fault
- Selvege fault
- Seam

Option of a further classification off-line on request.

Benefits at a glance

- Cloth inspection assisted by the latest in camera technology
- Up to 100% fault-detection quota
- At line-speeds of up to 100 m/min
- High-resolution detection of faults of over 0.5mm in size
- Back and incident light capability
- Various lens settings for diverse lighting arrangements
- Millimeter-precise logging of faults
- Storable recipes for different types of material