



HECHT
Perfect in Position

Inline-Scanner



The All-rounder for
100% quality control.



The Hecht Inline-Scanner is used for quality and dimensional control in a through-feed processing line. The Inline-Scanner is integrated in a high speed drilling line or can be used as stand-alone unit. For drilling hole measurement in the furniture industry 2D cameras with special illumination systems or 3D camera technic is used. Depending on the needs of the customer the suitable solution is selected. For 100% control the 2D Inline-Scanner can be used with bottom and top camera to measure drilling holes on both sides.

Range of Use

Measurement of length, width, angularity and position of drill holes; single or double side control of furniture parts in a production line; placed in front of a warehouse for incoming quality control; control of completeness of commission or shipment; measurement of milling contours for data transmission to a CNC machine, dimensional measurement of glass plate or other flat parts.

Function

- › During production, as each piece passes beneath the scanning system, the actual configuration and dimensions are compared with pre-set values
- › Dimensional inspection in through-feed processing lines, e.g. drilling lines in furniture production
- › Measurement of angularity, position of drilling holes, length, width, curves
- › The measurement system is available with transmitted light or front illumination, or both methods in special applications
- › Control of actual and planned values, deviations outside of tolerances are highlighted

Optional

- › Measurement with 2D or 3D camera technic
- › Single side or double side measurement
- › Upgradeable with edge inspection
- › Measurement of flexible forms
- › Data connection SQL Express possible

TECHNICAL DATA

- › Measuring width: 500mm, 1,000 mm, 1,500 mm
- › Measuring length: 2,500 mm as standard, further lengths possible
- › Resolution 600 dpi
- › Accuracy 0.2mm
- › Speed up to 60m/min



1 Measuring length/width/angularity and flexible curves

Flexible forms and parts can be measured and a .fmc file is generated for a CNC machine. Measuring points can be deleted or added. Tolerances are set on a standard, but can be changed individually.

2 Drilling hole control with Scanner 2D or color independently with 3D camera technic

With the 3D Inline-Scanner it is possible to measure drill depth up to 1,5 x of the diameter drilling hole position and diameter are compared with the CNC data. 3D profile measurement can be integrated.

3 Measuring results

Protocols are archived on the network and up on request printed. Analysis can be done with a SQL database, where the measuring results are stored.

SOFTWARE CHANGES

Customer specific changes, data interfaces and further customer specific requirements can be done by our Hecht Team. Use our experience as market leader!



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