

Hybrid scanning®
»doubly ingenious«



60¹⁹⁴⁵₂₀₀₅ YEARS
MAHLO



 HYBRID SCANNING®

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Our objective:
**Competitive advantages
for our customers**

Trend-setting technology, an optimal cost-performance ratio, and short payback periods.

The benefits of "Mahlo technology" will give you a clear edge over the competition

Our service:
**Customer-friendly, intensive,
worldwide**

Direct contact to our customers is paramount. Our worldwide sales and service network offers advice, consultation and cover round the clock.

Our tradition:
Innovations from Germany

To offer solutions to customers' problems has always been a part of our philosophy. Through state-of-the-art technology, innovative concepts and German quality, we are constantly setting fresh standards on the market.

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MAHLO



mahlo
trendsetting technology. worldwide.

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»The original forges ahead«

 HYBRID SCANNING®



**Hybrid scanning[®],
two technologies - one system**

Hybrid scanning[®] is the very best and most innovative system in the world for detecting distortions. It boasts the widest scanning spectrum on the market.

**Enhances the quality of a wider
variety of materials**

The oscillating scanner of a TK-12 detector is way ahead of the rest of the world technologically

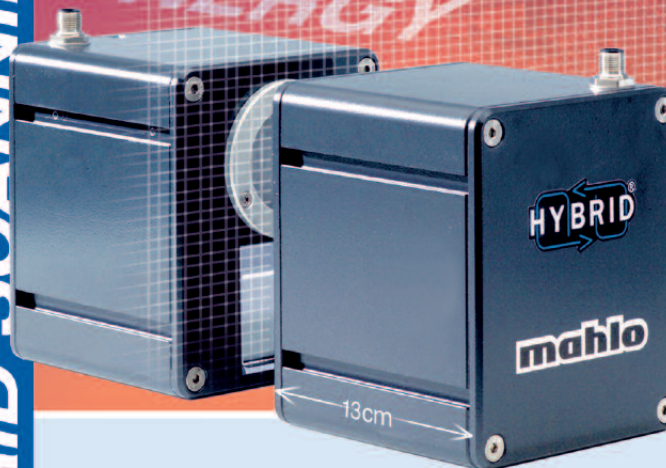
+ Over 10 years of experience in image processing and its successful employment in textiles (Pattern Control System)

= A new type of hybrid scanning[®] system which, through the synergy of both systems, represents the world's most dynamic scanning system.

Detection, realignment and pick count of the most diverse textile structures is fully automated

Highlight of the hybrid scanning[®] system is fully automatic fabric recognition along with recipe change by SOS-technology (Self Optimizing System).

HYBRID SCANNING[®]



- Revolutionary double-side-scanner
- Senses automatically a change of fabric
- Selects recipes automatically
- Scans face and back
- Detects patterns
- Built-in pick counter
- Widest scanning spectrum on the market at present
- An innovative solution helps dispense with the fabric-related adjustments required by low-cost systems
- A hybrid scanning[®] system can be retrofitted without difficulty to all generation-12 Orthomats

- High-speed scanning with up to 80 computations per second from selvedge to selvedge
- Maximal functionality, minimal physical dimensions
- Optimized back and reflected light systems with constant and flash light
- Insensitive to any change in the lie of the fabric
- Unaffected by secondary light
- Dispenses with traversing scanners, and thus detects more accurately and computes instantly

