

ELSIDE :

recognition of the front and back side of textiles

ITMA 2019, Erhardt+Leimer presented a new camera application for recognition of the front and back side of a textile web. The system named "ELSIDE" detects the structure of the material even at high production speeds and irrespective of the material distortion; in this way it is able to differentiate between the front and back side. ELSIDE is suitable for use in all textile manufacturing processes in which incorrectly sewn sections can have a negative influence on the downstream process. Before starting production, only a short teaching procedure is required during which the matrix CCD camera captures the structure of the textile web. Afterwards, an alarm signal is issued in the event of incorrectly sewn sections.



The CCD matrix camera used for the ELSIDE application

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