

## Press Release

**So convincing can a dimensional check be – fully automatic.**

**On the XYLEXPO in Milan, Italy, Baumer Inspection presents the new innovation for the furniture industry.**

With *ColourBrain® SiZE* Baumer Inspection will present a new and modular measuring system which sets new standards for the high precision optical control of the furniture production.

With *ColourBrain® SiZE* Baumer Inspection offers an economical inline measurement system through a combination of special cameras and sensors which have all been developed in-house and make this modular design possible in the first place.

This new measurement principle makes it possible for the first time to guarantee a 100% control of all parts during the running production process. Another highlight is the guarantee of the measuring accuracy of up to 0,25mm – even with parts that can be 5000mm long and have a line speed of 100m/min.

Control options besides length, width, thickness and squareness can also be the control of drill holes or grooves on either the top or bottom side of the piece.

The *SiZE* system guarantees a reliable dimension control that works either in length-, or crossway transport direction. The system is designed in way so that a subsequently installation on an existing conveyor will be possible.

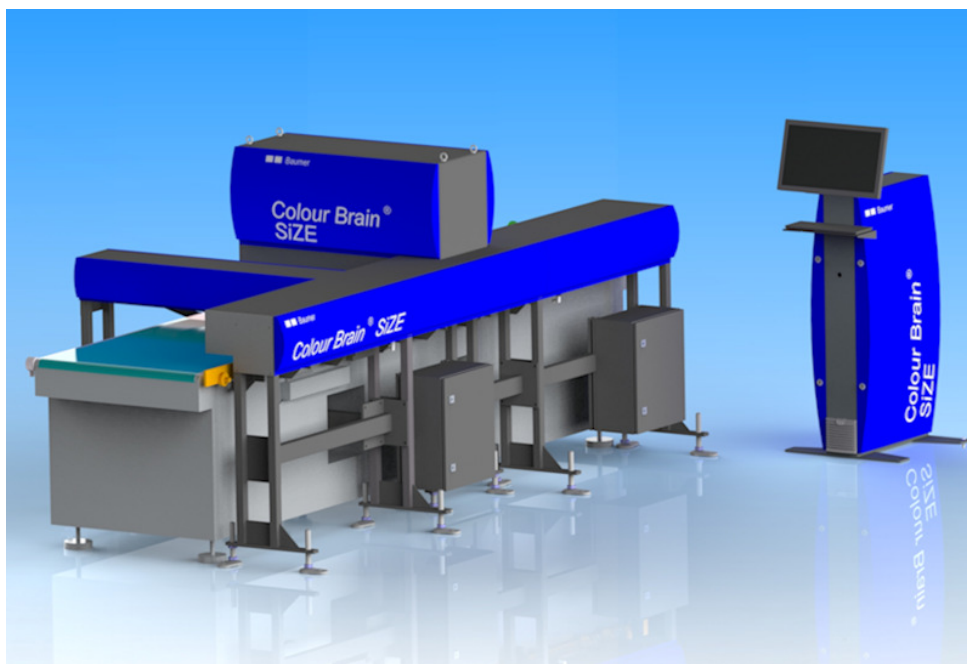
**Visit us at Baumer Inspection at the XYLEXPO in Milan, Italy  
24.-28. May 2016, Hall 1/Booth T01.**

We would also like to invite you to our  
**in-house show from July 4<sup>th</sup> to July 8<sup>st</sup> 2016 in Konstanz, Germany**

Please let us know if you are interested and contact us under

[marketing@baumer.com](mailto:marketing@baumer.com).

Our *SiZE* system and the Baumer team would be happy to see you there.



*ColourBrain® SiZE illustration*

**Technical standards**

Dimension	Minimum	Maximum
Width [mm]	100	2500
Length [mm]	100	5000
Thickness [mm]	12	40
Drillhole diameter [mm]	3	35
Groove width [mm]	3	-
Groove length [mm]	10	-
Groove ration (L : W)	2:1	-

Inspected will be

- Length
- Width
- Thickness
- Squareness
- Drillholes: Quantity, position and diameter
- Grooves: Position and width

The measurement and control will take place in the following areas:

Transport speed	Minimum	Maximum
Speed [m/min]	3	100

Operation through a Touch Screen Monitor.

For more than 35 years, **Baumer Inspection** is specialised in maximize precision for surface inspection and quality supervision. With more than 500 installed systems we are your global partner for automatic optical inspection systems for defect detection and process monitoring. Our scanners inspect worldwide furniture panels, decorative papers, foils, laminate flooring and surfaces and edges of furniture components.

Baumer Inspection is integrated in the Swiss Baumer Group, a world leader for high-quality sensors and systems for factory automation. With over 2,500 employees worldwide and 250 employees dedicated to industrial image processing/image sensors, Baumer Inspection is one of the leading companies in the vision industry. At international level, our customers benefit from a broad portfolio of standard products, comprehensive consulting and a reliable service - 24/7.

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