

INNOVATIONS FOR PERFECT QUALITY: INVISIBLE JOINTS.

INVISIBLE JOINTS EVERYWHERE; AND IN MOULDED PARTS? HERE ALSO, OF COURSE.



HOT-AIR-SYSTEM



SCHUGOMA[®]
SYSTEM

WWW.SCHUGOMA-SYSTEM.DE

The **KANTEN PerFORMer** with built-in **HOT-AIR-SYSTEM** and flush miller for easily making laser edges* in challenging pieces. The moulding machine is the ideal addition to any CNC machine.

Make invisible joint edges on free-form parts with any contour. Highest efficiency, as gluing and edge smoothing takes place at two different positions. Semi-automatic board and edge guide ensures a uniform feed rate, thus consistently high machining quality.



Function

The vacuum clamping chuck holds the work piece securely. The swivelling support board is used to process the smallest work pieces. Laser barrier scanning guarantees perfect length adjustment resulting in a clean butt joint in closed contours. Length pre-selection ensures easy operation for normal work pieces.

Sophisticated moulding with invisible joints

An innovation in edging technology. Adding a laser edge* to complex moulding has never been easier.

- Mouldings are edged semi-automatic
- The butt joint is automatically created during the cycle
- Allows manual machining for small parts
- Separate milling station to simultaneously machine the top and bottom
- Ideal addition to any CNC machine "headed for the machining centre".



Technical data:

Edge thickness:	up to 3 mm
Edge height:	up to 45 mm
Connection:	380 V / 50 Hz
Power:	9 kW
Weight:	630 kg
Heat-up time:	approx. 20 min
Feed rate:	max. 4 m/min;



Vacuum work bench



Trimming cutter



Moulded part is processed



KANTENKING® is the low-cost edging solution for making invisible joints for both trades with a feed speed of 20m/min as well as industrial applications with high speeds.

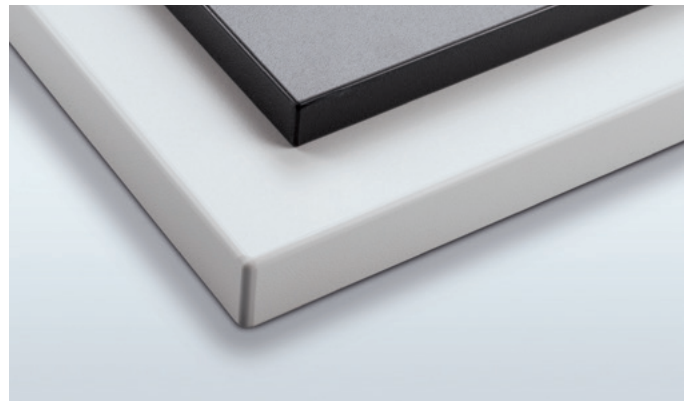


Your edge bander is still "in good shape", however you have heard a lot about invisible joints and wonder whether it is also suitable for your business. Since 2009 invisible joint edges have come to be common, so the **HOT AIR SYSTEM** will therefore soon be indispensable. Not only the users, but mainly the end-customers are increasingly demanding this high quality.

Bank on invisible joints now.

KANTENKING® fits in harmoniously with your machine, both functionally and visually. Increase the productivity and quality of your edge bander.

Tasks previously done by your glue post are now carried out using the **HOT AIR SYSTEM** combined with the invisible joint edge. Furthermore, the **HOT AIR SYSTEM** gives you the option to process even the most challenging moulded parts, as it gives the edging material the desired pliability.



Promises of the HOT-AIR-SYSTEM.

- The **HOT-AIR-SYSTEM** is a cost-effective alternative to all methods known in the market.
- The **HOT-AIR-SYSTEM** is easy to maintain and reliable.
- The **HOT-AIR-SYSTEM** can be retrofitted into any existing edge bander or machining centre.
- The system operates largely independent of existing edge banders.

The HOT-AIR-SYSTEM customised to your needs.

Provide us with your requests and machine data so we can offer you the best product for your needs and ideas. Feed speeds up to 30m /min. Our unit will be optimally matched to your machine data.

Request a quotation now: Phone: +49 (0) 2972 978 1577
or by e-mail: info@schugoma-system.de

We always have worldwide innovations in technology.



* = co-extruded edge



Invisible joints are the edge quality of the future.

Advantages of laser edges*:

- More satisfied customers due to high quality.
- Immaculate look, especially in high-gloss décor.
- The reactive functional layer is colour-matched to the edge; thus, the optical invisible joint is achieved continuously.
- High adhesion of laser edges*.
- Significantly higher heat resistance (= the temperature at which the edge begins to come off of the board).
- Better moisture resistance.
- More efficient and economic production. There is no need to refill or control the flow of glue, set the glue quantity, or clean the glue pot.
- Quickly switch between various edge décors in the edge bander, as the coated functional layer eliminates the need for switching glues.
- Competitive advantage, especially for tendering. The laser edge* is seeing an increase in demand.
- Higher market prices can be achieved.

Advantages of the Hot Air System for small trade and industry:

- No major new investments needed. Existing stationary edge banders can be retrofitted with the **HOT AIR SYSTEM**.
- No major new investments needed. Any existing machining centre can be retrofitted with the **HOT AIR SYSTEM**.
- The **HOT-AIR-SYSTEM** has a small footprint.
- Doesn't interfere with the machine controls. The **HOT AIR SYSTEM** operates independently and has its own controls.
- Use with any laserable* edge types, whether ABS, PP, melamine or veneer edges • High laser edge adhesion*.
- The **HOT AIR SYSTEM** does not require a specially trained safety officer.
- The **HOT AIR SYSTEM** is the one low-cost alternative to laser technology.



We look forward to hearing from you!

* = co-extruded edge

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