

KOENIG & BAUER

KAMMANN HS



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High-speed glass screen-printing machine

The High-speed family is a high-speed printing-machine concept for the decoration of round beer and softdrink glass bottles. The innovative and state of the art servo-technology enables ergonomic and easy operation, reduces maintenance time, short job changes and low tooling cost for high efficient production.

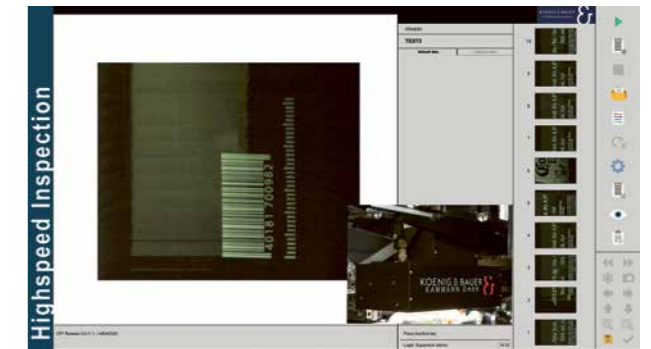
Generally

- Fully continuous running ceramic screen printing machine for round glass articles
- Up to 8 print stations
- $\varnothing 1 - 3''$ (25.4 – 76.2 mm)
- Machine speed: 300 – 600 bpm
- Body and neck printing
- The guaranteed tolerance from colour to colour is ± 0.1 mm for perfect registration at high-speed for multi-colour decoration
- 260mm print stroke
- Individual servo driven article rotation for optical seam detection (option)
- Suitable for hot environment up to 60 °C



Additional components

- Unique, high performance pre-registration camera seam/embossing system, guarantees touchless pre-registration without requiring any mechanical registration mark, thus making it possible to reduce the weight of the bottle.
 - up to 4 camera seam detection
 - special light source
 - adjusting angle of article position via servo on each article carrier
 - article rotation correction during tilting
 - movement into print position



Technical data

Article- and print image geometry



$40 \text{ mm} \leq H \leq 306 \text{ mm}$



round
 $D \leq 25.4 \text{ mm} - 76.2 \text{ mm}$
 1" – 3"



$h \leq 260 \text{ mm}$
 $w \leq 240 \text{ mm rep. } 360^\circ$

Available decoration processes



Screen printing

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09/2020-GB

Printed in Germany