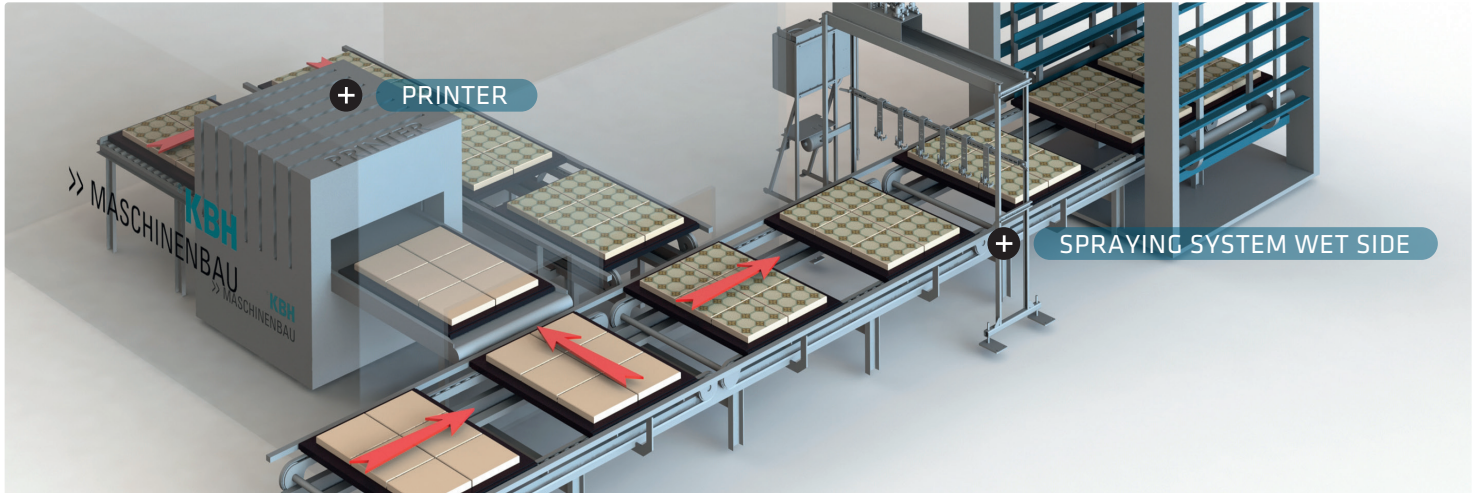


>> KBH PRINTING SYSTEM WET SIDE



PREVIOUS PROCESS

- Blanks provided by hermetic press
- Printing on the dry side
- Removal of cement paste by surface treatment (blasting) prior to printing
- After surface treatment and before printing, application of fixator necessary
- Complex process – Expensive – Process reliability questionable

KBH-PROCESS

- **Blank production by paver machine**
- **Printing on the wet side**
- **Integration in existing plant configurations and green field sites**
- **Render ineffective cement paste on wet side**
- **Regular curing in the drying chamber**
- **Coating (surface protection) on the dry side only**
- **Simplified process – highly flexible due to variety of product shapes and designs**

PERFORMANCE DATA

- Cycle time printing: approx. 15 seconds
- Costs ink: 0.25 – 0.50 Euro/m²
- Costs UV coating 100 % system: 2.00 – 3.00 Euro/m²

EQUIPMENT

- Printer
- Spraying System wet side
- UV Coating System dry side

TECHNOLOGY

- State of the art printer
- Use of UV-resistant inorganic ink – special development for wet side application
- Wet side printing allows for a deeper ink penetration
- Significant cost reduction due to reduced drying solutions needed
- Patents pending

PRODUCT SAMPLE



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