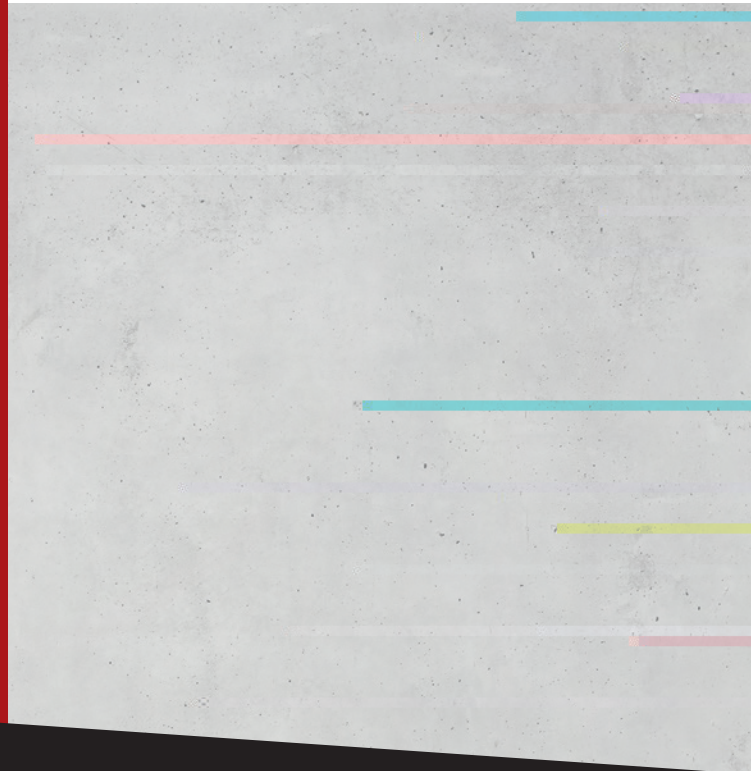




Inline QC minimizes the time required for manual checks thanks to real-time monitoring and evaluation. Each production batch undergoes a full surface inspection by means of precise defect detection to enable the highest quality standards of the concrete blocks and pavers.

The height measurement with color indication ensures intuitive recognition of product quality through objective evaluation. Statistical evaluations can help you fully analyze your production processes.

HESS Group GmbH



PERFORMANCE FEATURES

- Automatic quality control

with maximum precision in defect detection

■ Height measurement

with color indication over the entire layer of stones

- Height measurement accurate to 0.5 mm
- For product heights from 25 mm to 500 mm
- For products with bevel up to 150 mm deep for heights up to 300 mm

■ Precise defect detection

- Defect detection from an area of 1 mm²
- Lift-offs from 0.5 mm height difference
- Cracks from 0.5 mm width
- Differentiation between surface pollution and defects

- **Accuracy of 99%**

■ Integration into the machine visualization

■ Integration into the production statistics

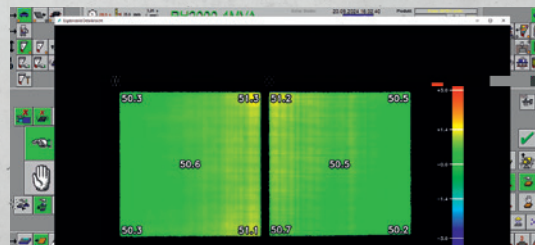
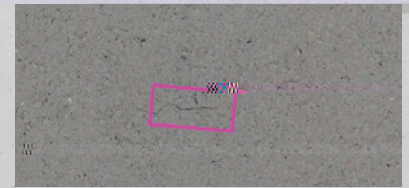
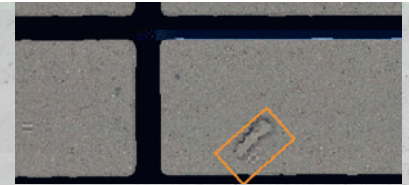
- Heights
- Colors and color gradient
- Defect rates
- Surface structures
- Image representations

■ Customization

- 1, 3 and 5 height values per block
- Visualization for sorting recommendation on the dry side

■ **Approx. dimensions:** 1,400 x 2,300 x 3,050 (L x W x H)

- Expandable with associated robot sorting



	Inline QC (with 3 scanners)
Detection area w x l [mm]	1,500 x 1,450
min. product height [mm]	25
max. product height [mm]	500
Precision of geometric measurement [mm]	0.5
Maximum detectable chamfer depth [mm]	150
min. detectable size of lift-offs and (edge) break-outs [mm ²	