



We keep an eye on your quality

HC 3D SCAN – 3D scan for concrete blocks and pavings

**ibea**<sup>®</sup>  
we keep an eye on your quality

# HC 3D SCAN

## 3D scan for concrete blocks and pavings

### Inspection – simple and reliable

Well known from the HC 500 i-bea has now developed the fully 3D Scan System for the complete paving pallet.

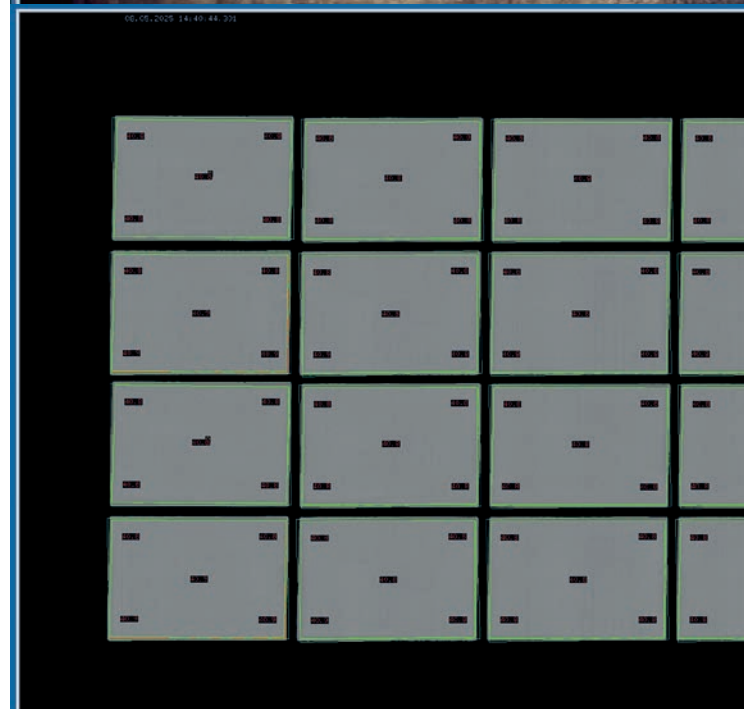
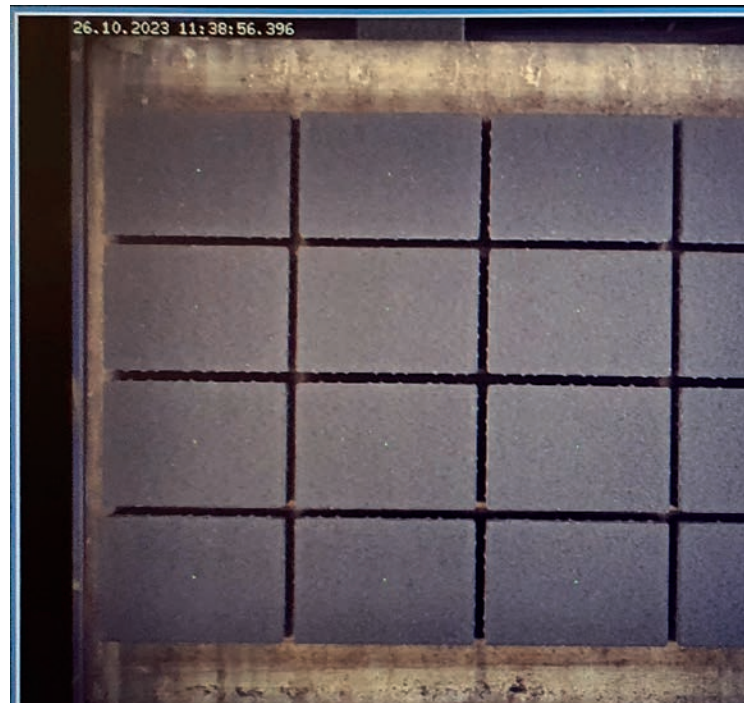
By using the HC 3D Scan inspection system, you can sustainably increase the efficiency of your production and secure your quality standard with a small investment.

With this system you receive a tec part for securing the future in your modern factory automation without time-consuming and costly complaints.



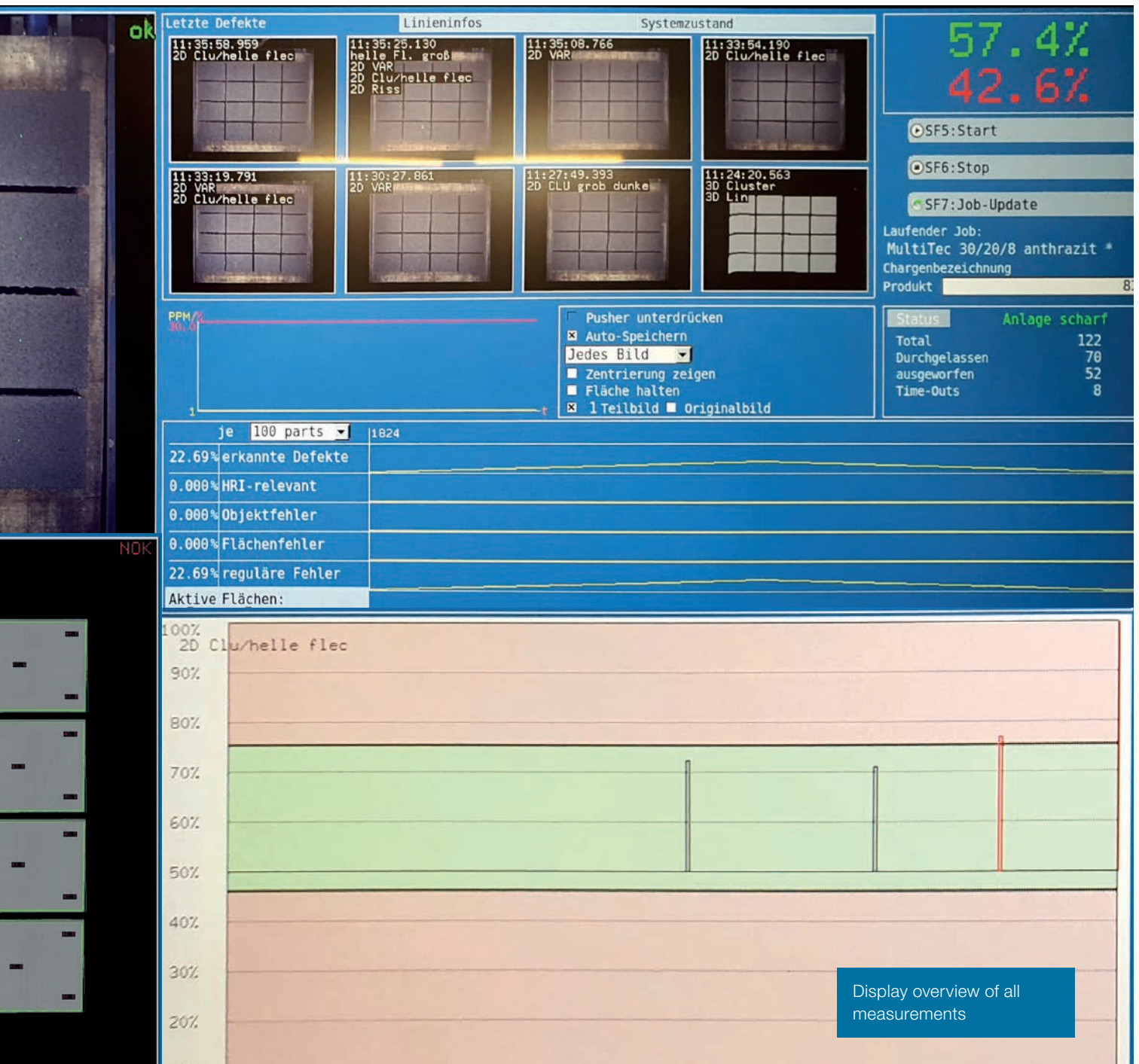
### Features

- Fully 3 D Scan of all pavings on the pallet for wet or dry side
- Output of all measurement, length, width and heights (reference is pallet surface)
- Height data with all edges and midpoints
- Statistical overview of the whole production



- Transfer of datas from wet side to dry side with RFID
- Fully AI based inspection of faults like fine cracks, broken edges, inclusions, color faults, wrong measurements
- At wet side feedback editing of pressing height possible

- Lift for height changes of more than 5 cm
- In combination with weight check output of density
- Before packing pick & replace of faulty products with robot!



# ibea – product quality systems

## Testing methods applied by ibea systems



AI based image processing applications:  
inspection by camera of surface, texture, geometry,  
shape and dimensional accuracy, color, 2D and 3D  
measurement, holographic imaging, roughness,  
measurement of position and torsion, leak tightness

- Acoustic inspection: initiation by a hammer system
- Weight check / Density output

## Put our know-how to the test

Feel free to send us samples of your faulty products that need inspection. Please give us a short description of your conveying system, possibly including photographs. Please also include conveyor speed and part rate.

We will prepare a comprehensive offer specified for your needs including accessories needed — all this at a very attractive price!

