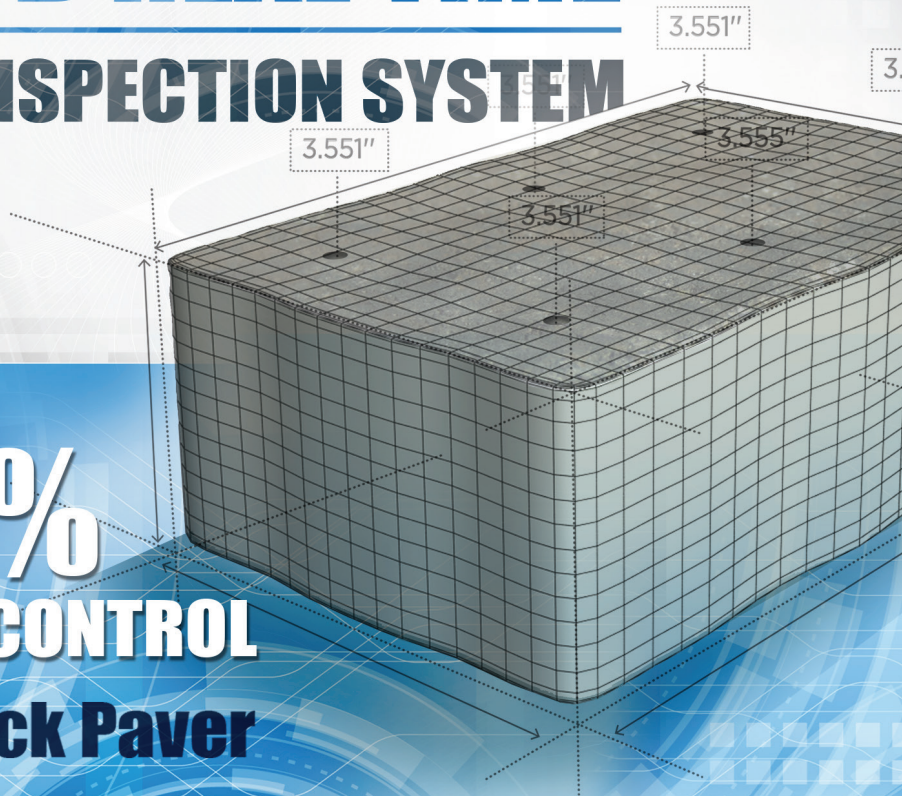


# HVD

**HEIGHT VOLUME DENSITY**

## **3D REAL TIME INSPECTION SYSTEM**



**100%**  
**QUALITY CONTROL**  
**Brick Block Paver**

[www.neoculus.com](http://www.neoculus.com)



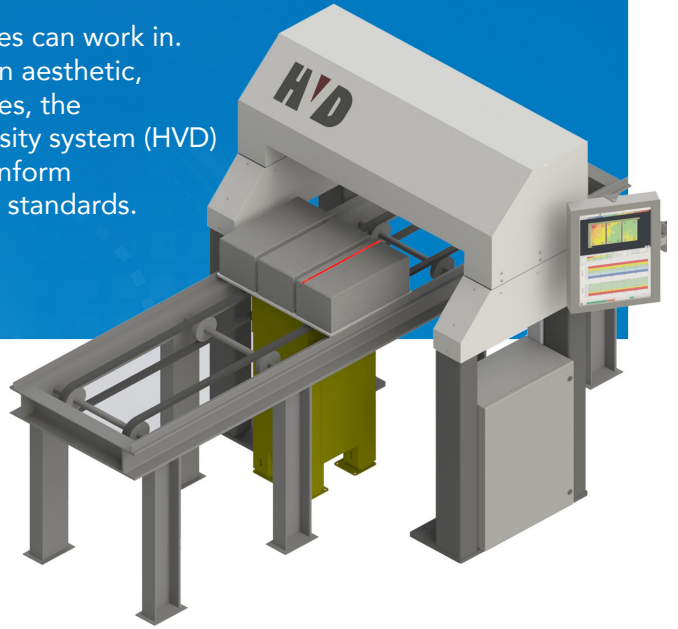
**NEOCULUS  
TECHNOLOGIES**  
INDUSTRIAL VISION



HVD - Height, Volume  
and Density control system

Size, shape and density are some of the key features determining the quality of concrete pavers and blocks. With these as quality baseline, ensuring that the production line constantly delivers the same level of quality throughout an entire lot can easily become a preposterous challenge.

This is where Neoculus Technologies can work in. By controlling the entire production aesthetic, dimensional and structural attributes, the Neoculus Height, Volume and Density system (HVD) assures a level of quality always conform to the initially programmed quality standards.



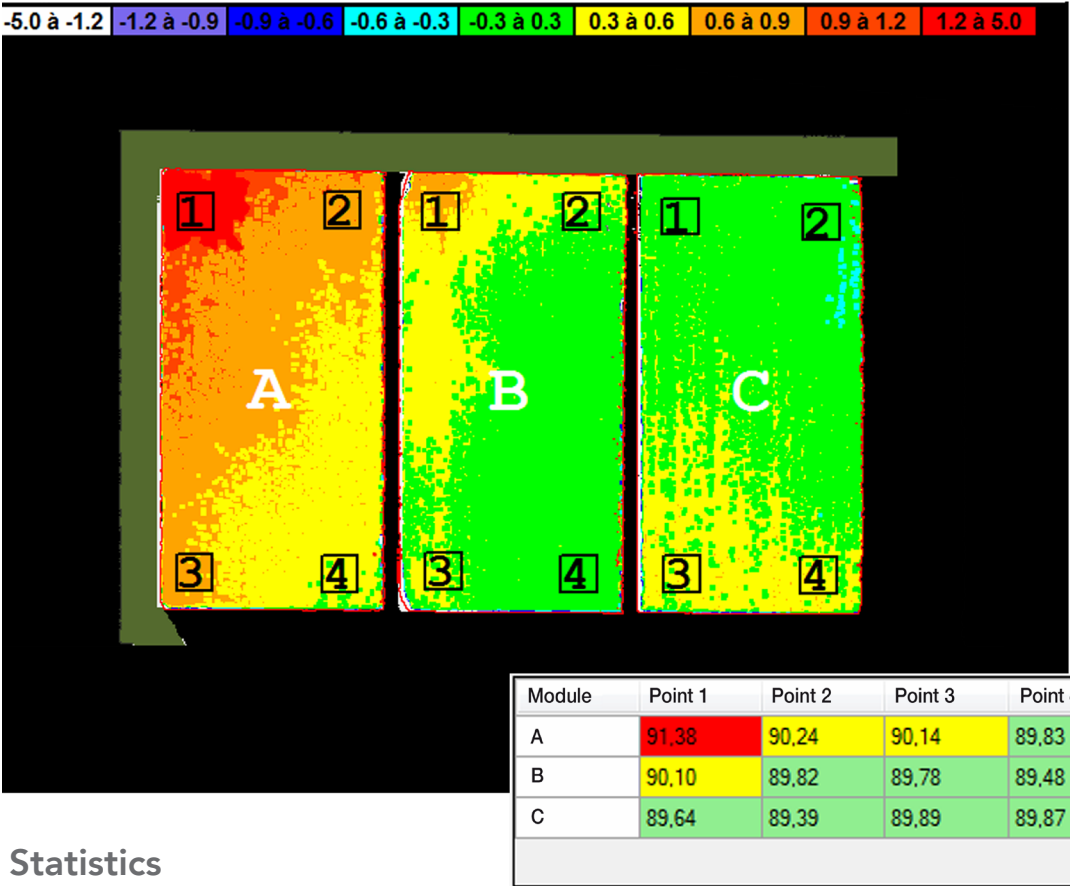
## KEY FEATURES

- Real time 3D inspection
- Constant flawless 100% quality control
- Unmatched accuracy measurement for height, volume and density
- Surface defect detection
- Topographic view live display
- High performance software

## BENEFITS

- Improve quality
- Increase productivity
- Cut production cost
- Production data collection & reporting.
- High impact on customer satisfaction
- Protect brand image

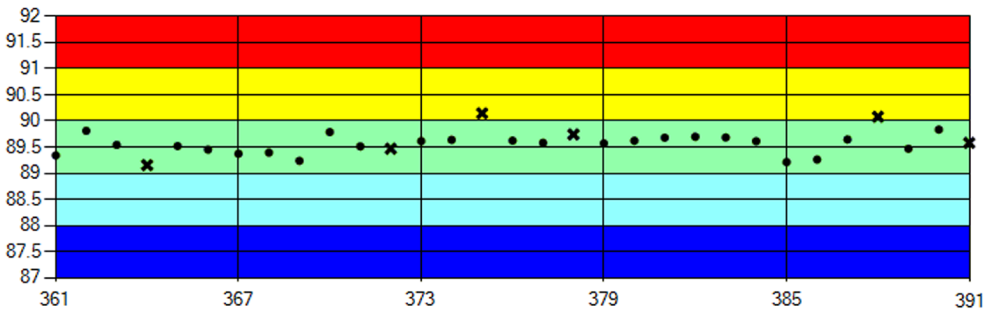
## Topographic view



## Statistics

Height (mm)

Height control points



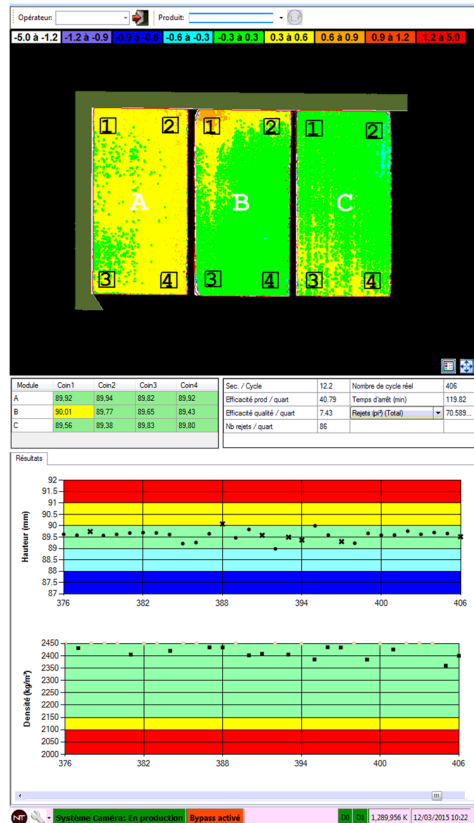
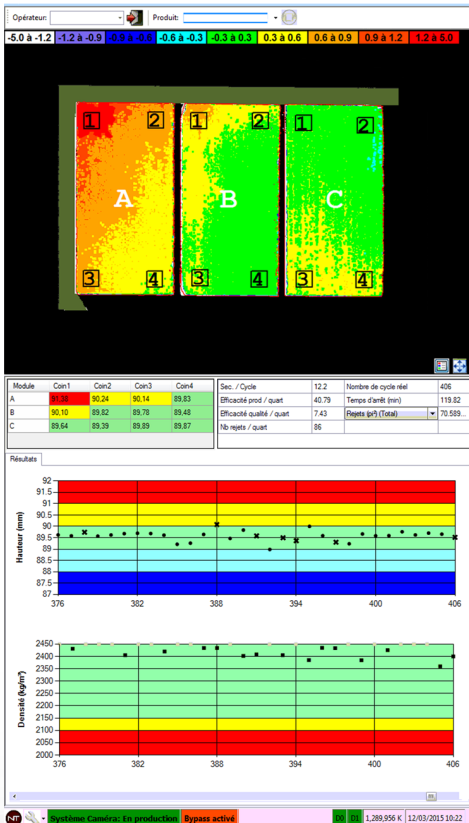
Density (Kg/m3)

Production efficacy



HVD	
<b>SYSTEM FEATURES</b>	
MODEL NUMBER	100   200
PRODUCTION PLATE SIZE	26" X 18 1/2"   55" X 41"
CONTACTLESS MEASUREMENT SENSOR	<input checked="" type="checkbox"/>
WEIGHING STATION FOR PRODUCT	<input checked="" type="checkbox"/>
WEIGHING STATION FOR PLATE	OPTIONAL
<b>SYSTEM CHARACTERISTICS</b>	
SENSOR TECHNOLOGIES	3D CAMERA
SENSOR HEIGHT RESOLUTION	3.75 MILS
<b>SYSTEM CAPABILITIES</b>	
MATERIAL HEIGHT & DENSITY MEASUREMENT	<input checked="" type="checkbox"/>
PRODUCTION DATA COLLECTION & REPORTING	<input checked="" type="checkbox"/>
REAL TIME HEIGHT & DENSITY CHARTS VIEW	<input checked="" type="checkbox"/>
REAL TIME TOPOGRAPHIC VIEW	<input checked="" type="checkbox"/>
100% SURFACE QUALITY CONTROL	<input checked="" type="checkbox"/>
SURFACE DEFECTS DETECTION	<input checked="" type="checkbox"/>
ALL SURFACE TYPE	<input checked="" type="checkbox"/>
CLOSE LOOP CONTROL READY	<input checked="" type="checkbox"/>
PRODUCTION PLATE VALIDATION (CONFORMITY)	<input checked="" type="checkbox"/>

## 100 % Production control



### Contact

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