

IMAGEPLUS EVO

breton

IMAGEPLUS EVO

IMAGEPLUS EVO is the solution for the automatic scanning of slabs directly on the processing line.

Thanks to high-resolution pictures, it enables to create an electronic storage perfectly integrated to the existing IT systems as well as to the web.

The system is suitable either to operate under operator supervision or automatically, thanks to the connection to the bar code systems or Rfid.



QUALITY CONTROL

IMAGEPLUS EVO allows each scanned slab to be accurately analysed, both on the processing line and from the office, even via internet.

It carries out high resolution scans with great colour depth (48 bit).

The operator interface on touch-screen monitor guarantees fast usage and monitoring. To mark a defect, you only need to touch with your finger the area you wish to highlight. The slab size is automatically identified and matched to the image.

Current Scan
Block: **124683**
0%
Slabs in the queue (to execute)

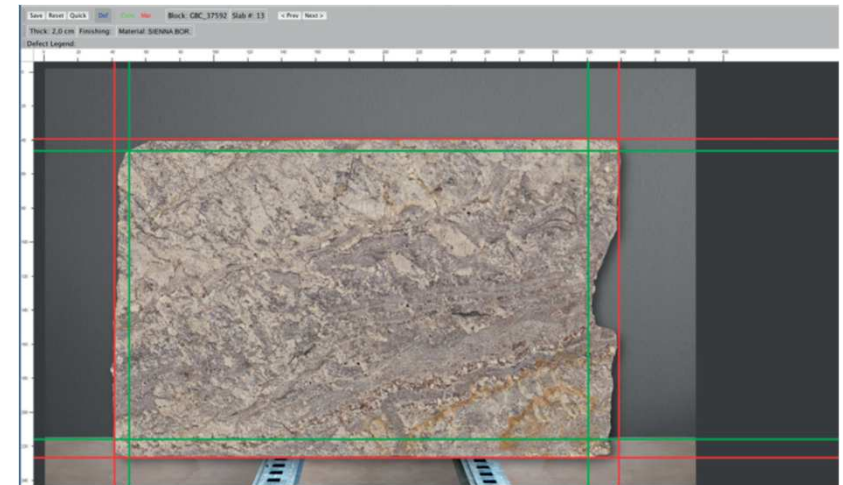
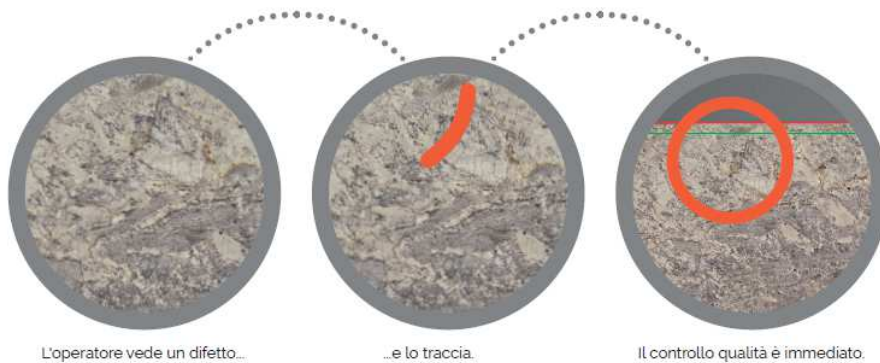
020	021	022
023	024	025
026	027	028
029	030	031
032	033	034
035	036	

Last scanned slab



Recent Slabs

- Block: **124683**
Slab: **017**
11/02/2016
16:36:28
- Block: **124683**
Slab: **018**
11/02/2016
16:13:56
- Block: **470994**
Slab: **002**
11/02/2016
15:39:01



HIGHLIGHTS

HARDWARE

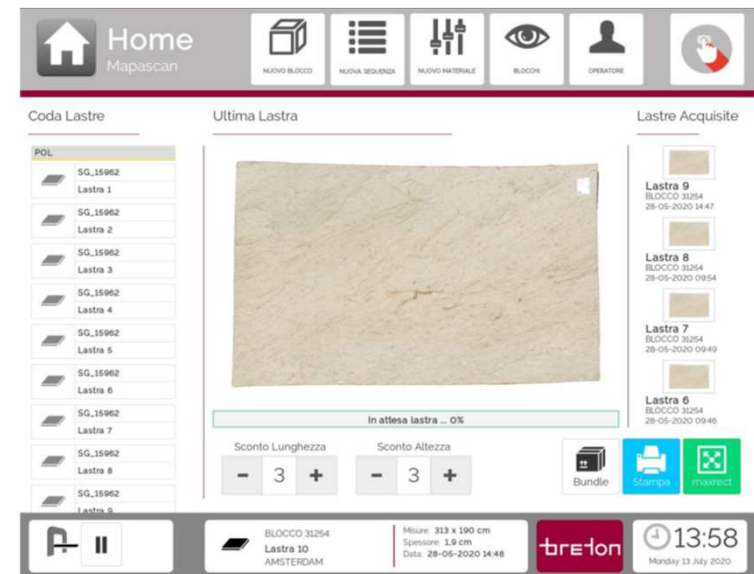
Camera (40 MegaPixel) designed to obtain the maximum colour accuracy; **lamps** that use the smallest tolerance of LED selection for perfect light.



GRAPHIC INTERFACE

Powerful touch-screen graphic interface:

- Scanning sequence according to block, slab and processing codes
- Automatic management of both raw and commercial size
- Bundle management
- Label printing of slab and bundle



HIGHLIGHTS

SLAB PERIMETER DETECTING SOFTWARE

A special application can recognize the edges of the acquired slab and automatically calculate its size.

SLAB MEASURING

The system automatically calculates three types of measurements: max. outer rectangle, max. inner rectangle and liquid area.



HIGHLIGHTS

DXF

Automatic creation of DXF files to be used in CAD/CAM applications. Any CNC machine can be connected to IMAGEPLUS EVO to receive information and obtain a fast and precise result.

CUSTOM IMAGE

Creation of a customized image with slab and background selected by Buyer; possibility to automatically add further information about the slab (number, block, size, company logo, etc.).



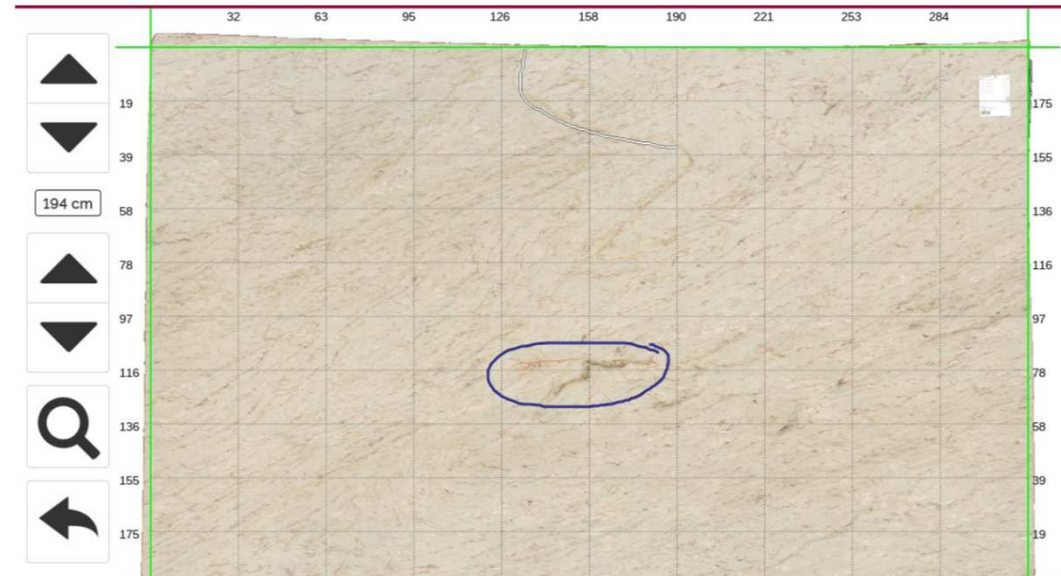
HIGHLIGHTS

RAW FILE

RAW file saving: the RW image is cut out by means of an intelligent algorithm. Obtaining images perfectly cut out of their background enables to accurately measure the size of each slab.

DEFECT MANAGEMENT

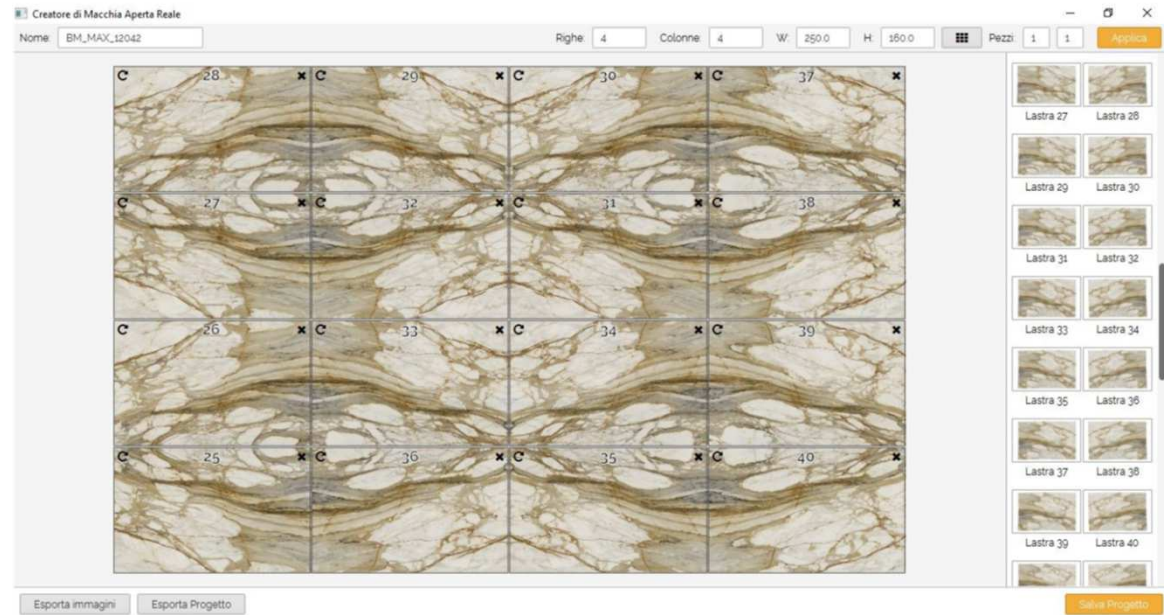
The operator interface on touch-screen monitor allows to trace a defect by touching with your finger the part to be highlighted.



HIGHLIGHTS

SOFTWARE

- Automatic Packing-List
- Diamond match pattern images
- PDF printing in details





Breton S.p.A | Castello di Godego (Treviso) Italy | tel. +39 0423 7691| e-mail: info@breton.it | breton.it

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