

INTELLIGENT MACHINE FOR DEFECT FINDING



SAVE MONEY
AND IMPROVE THE
PRODUCTION PERFORMANCE

- ✓ **Classification of green tiles** in real time
- ✓ **Identification of defects** in mechanical (broken edge and corner cracks, scratches, holes) and decoration (lines, drops, gangs, missing applications)
- ✓ **Maximum efficiency in small spaces:** no need to modify the line and small dimension (like a color bar)
- ✓ **Easy to use:** the intuitive interface displays photos of the defects identified and their position on tiles, allowing to quickly eliminate recurring defects
- ✓ **Automatic and quick learning** of new products (users do not need to “teach the machine” which are the correct tiles to accept)
- ✓ **Software generated archive**, available from other PC connected to the system, making this an essential tool for identify the origin of the defects in order to reduce production costs and numbers of rejects
- ✓ **Low maintenance**

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IntellyTile

Intelligent machine for defect finding

Made to be installed anywhere on the line, especially after digital inkjet printers.

IntellyTile 3.0 is a system based on artificial neural networks able to control in line products in respect to a large set of features related to the geometry and shape, color, graphics, even for very high production rates.

Thanks to this technology it is able to quickly learn new products without reprogramming, automatically modifying each time the characteristics control set.

The self-control system process IntellyTile 3.0 acquires and automatically classifies each template and auto-learn the optimal parameters that identify defective products, minimizing false rejects.



MECHANICAL DEFECTS

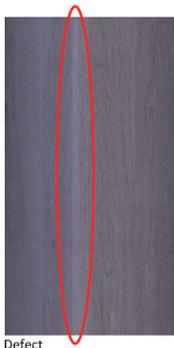
Fractures
Chipping
Scratches
Holes
Corners and edges

PRINT DEFECTS

Lines
Banding
Drops
Missing applications



Correct



Defect



Correct



Defect

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Via Verdi, 27 - 13100 Vercelli - ITALY
phone +39 0161 218860 - fax +39 0161 219662
www.interser.it mail: interser@interser.it
WAREHOUSE
Via Sardegna, 4 - 41049 Sassuolo (MO) - ITALY