



Fiber Cement Finishing Solutions

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Complete Solution for Facade Boards

Typical finishing line for outdoor fiber cement elements.

**PRIMER
PREHEATING**

Airjet dryer
Top and bottom
heater to reach the
required BST.

**PRIMER
APPLICATION**

Valtorta F1
Top and bottom
roller coater.

**TOP COAT
PREHEATING**

Airblade dryer
Top and bottom
dryer for primer
to reach the
required BST.

**TOP COAT
APPLICATION**

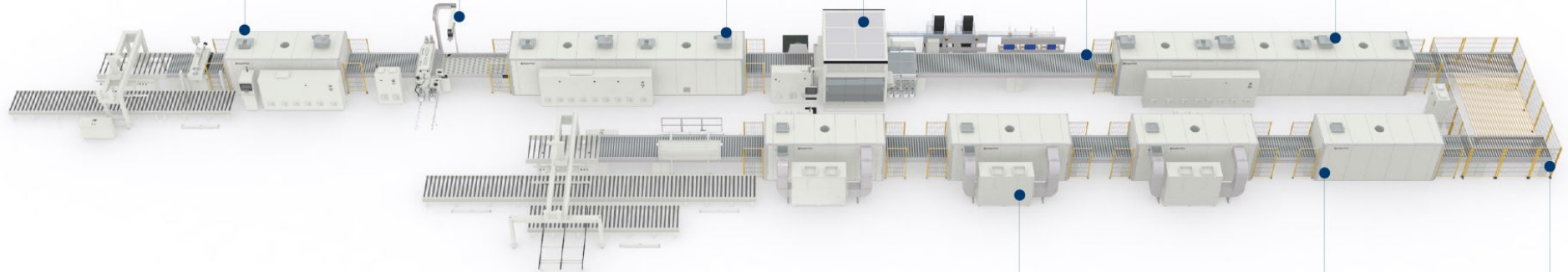
Magnum 3.2
Spraying machine
with automatic
color change.

**TOP COAT
FLASH-OFF**

Flash-off time for
paint relaxation.

**TOP COAT
CURING**

Airblade dryer
Top dryer to
reach the
required BST.

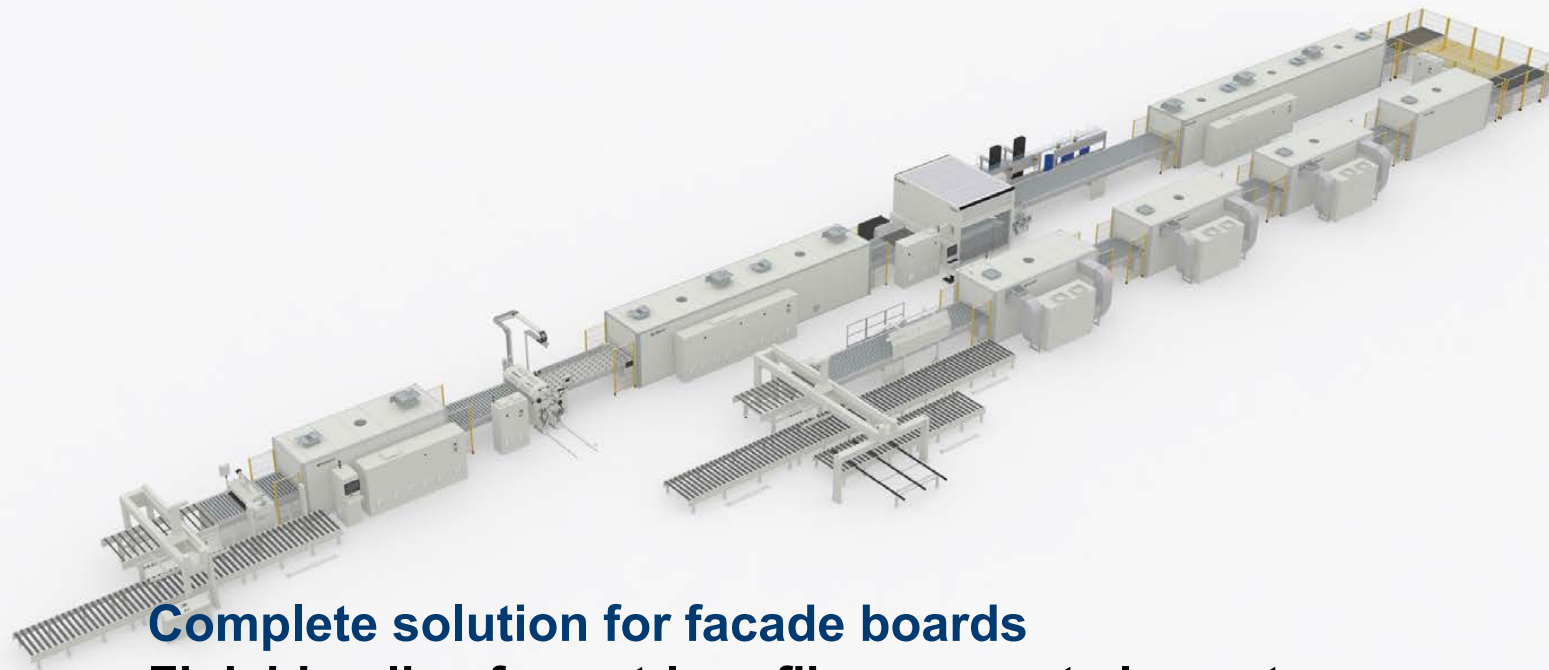


**CHILLED AIR
COOLING**
Airbalde cooling
Third stage of
cooling.

**FORCED AIR
COOLING**
Airbalde cooling
Second stage of
cooling.

**AMBIENT AIR
COOLING**
First stage of
cooling.

Typical finishing line speed: **10 m/min** Typical capacity: **~3 pieces/min**



Complete solution for facade boards

Finishing line for outdoor fiber cement elements

Flawless quality

Process parameters are set for quality consistency, ensuring both aesthetic and resistance.

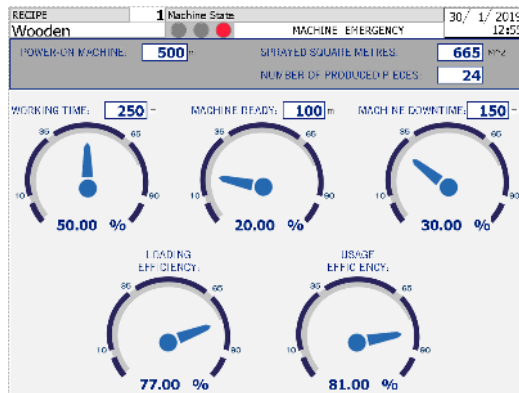
**Heat
control**

Flexibility

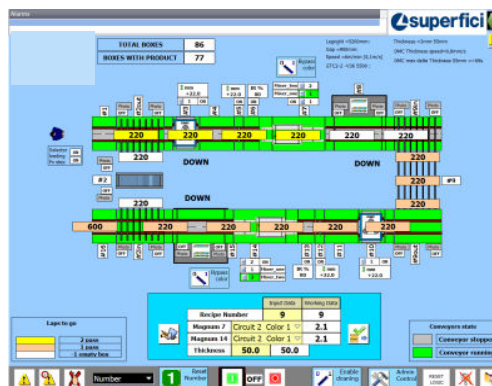
How is achieved flawless quality: Control over the process

- A fully automated line, with the highest grade of reproducibility and replicability over the process, for the high quality standards of the fibercement industry
- Sensors for precise temperature measurements
- Control over all the key parameters for paint application achieved through software

DEDICATED MACHINE SOFTWARE



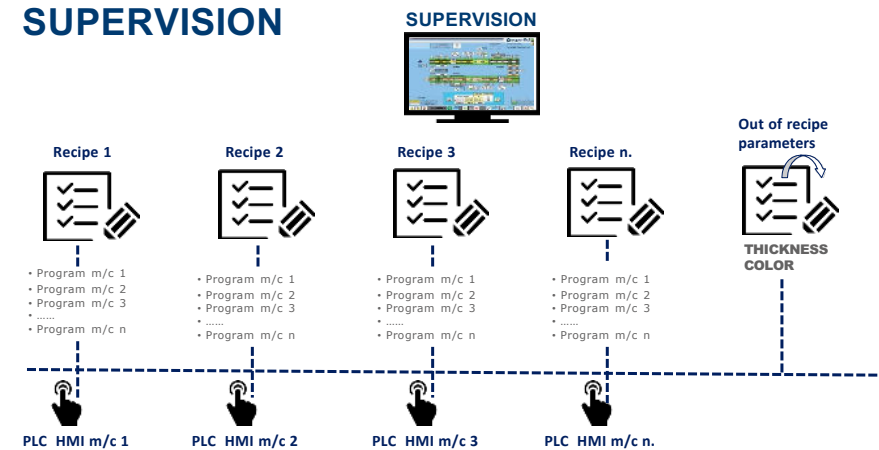
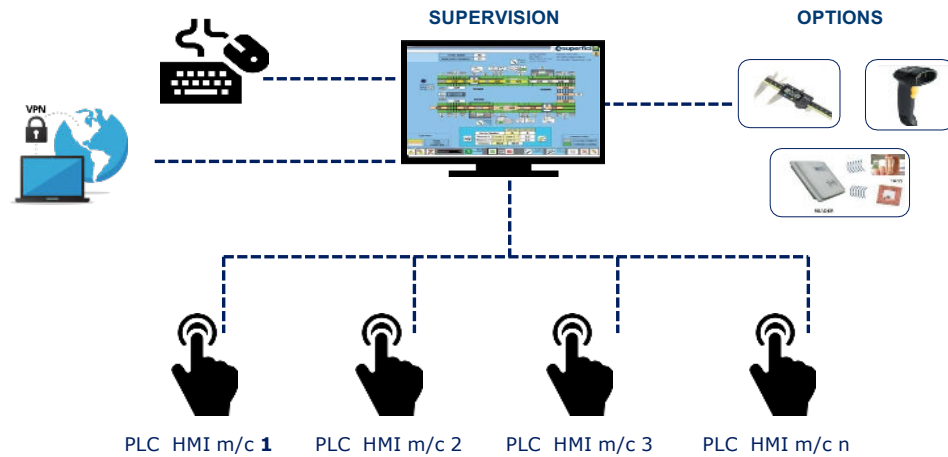
SUPERVISION



MyFinishing APP



LINE SUPERVISOR



Supervision is the line supervisor that thanks to all open interfaces in the software is capable of integrating customized functions into one system.

The traceability of the pieces is always under control and in addition supervision goes to monitor all areas of the finishing line and recalls the work programs saved on the PLCs information on use and efficiency of the production plant.

SMARTPHONE APP

THE REAL TIME CONNECTION WITH YOUR LINE

- Connect with your machines, check the status, collect live production data, and watch your machine's HMI on your smart-phone.
- Watch live inside your machines via the integrated camera.
- Enable our remote assistance team to help you in real-time.
- Connect with your machines from anywhere on the planet with a good WiFi connection.
- Receive live notifications for alarms and alerts for upcoming maintenance.
- Industry 4.0 compliant.
- Available for Android and IOS devices.



Complete solution for facade boards
Finishing line for outdoor fiber cement elements

**Flawless
quality**

Heat control
Preheating and temperature
control during all process
phases with primary focus
on energy saving

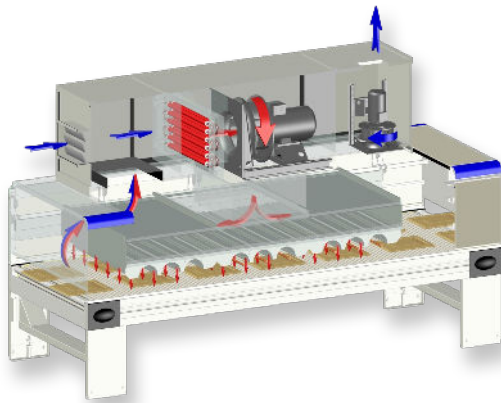
Flexibility

A KEY ASPECT FOR FIBERCEMENT PROCESS: HEAT

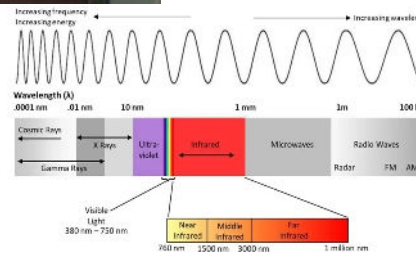
Pre-heating of the panels and paint drying could be done with different technologies with high efficiency.

In a world where the cost of the resources is increasing and the environmental impact of our technology is very important, Superfici is deeply committed to energy saving!

AIR CONVECTION



IR LAMPS



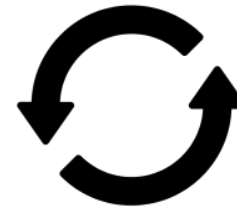
CATALYTIC PANELS



ENERGY SAVING



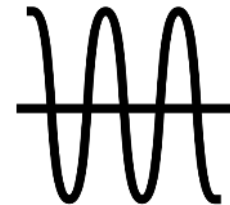
Sensors for precise
Temperature control



Air recycle/reduction to improve
efficiency



Easy and quick switch-off
of the lamps



Wavelength mixing to optimize
heating



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**Flawless
quality**

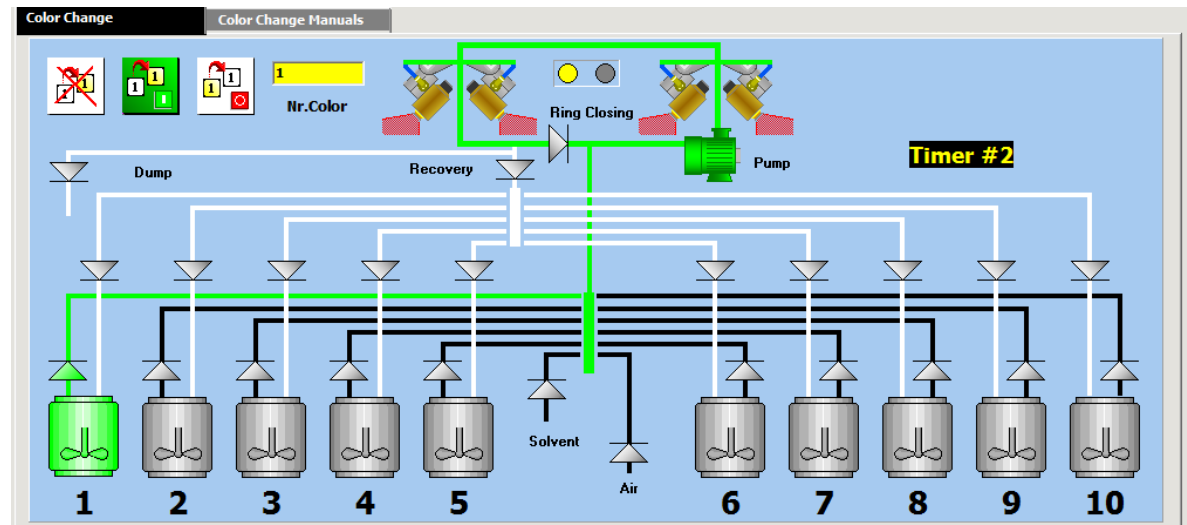
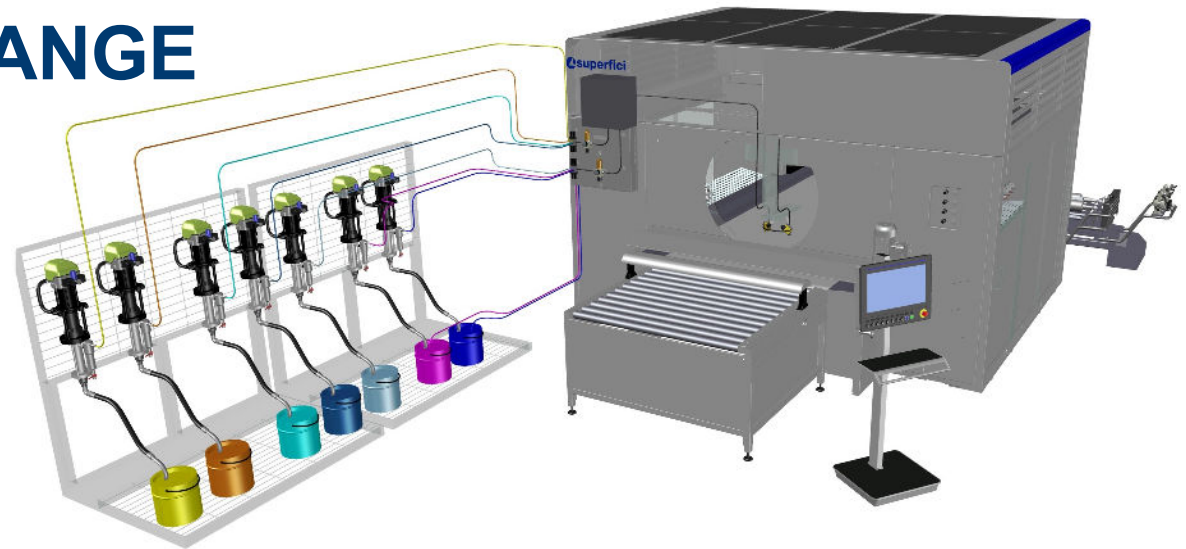
**Heat
control**

Flexibility
Color changes are effective
yet fast. This enhances
adaptability without losing
production capacity.

AUTOMATIC COLOR CHANGE

Automatic color change is a crucial feature to avoid time losses when processing batches with a lot of different colors.

The system allows also to recover the unused paint that is still in the circuit (only for monocomponents paints)





Other techniques to obtain high-level value boards through decoration

DIGITAL PRINTING

Possibility to create complex images with various colors to satisfy architectural or design needs.

Flexibility on the pattern change, allowing to handle small batches

Digital printing requires a specific process and varies according to the final board application: board preparation and protection are the key!



LASER ENGRAVING



Possibility of ennobling fibre cement by marking abstract and/or geometric designs or replicating wood grain.

LASER ENGRAVING

The key advantages of the innovative through-feed solution developed by SCM are:



FULLY INTEGRATED

The unit can be integrated inside the wide belt sander so there is no need to purchase another machine that occupies additional space in the factory.



NO INTERRUPTIONS

The exclusive continuous passing application enables panels of any length to be processed continuously.



MAXIMUM FLEXIBILITY

Whether they are realistic or fantasy subjects, geometric or stylised shapes, the laser can reproduce any grayscale image on flooring, furniture and panels. Imagination is the only limit.

Want to know more? **CONTACT US!**



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