



**DECORTECH**  
conference

Rimini Palacongressi - Italy

**14 JUNE 2023**

ORGANIZED BY

**ITALIAN  
EXHIBITION  
GROUP**  
Providing the future

IN COLLABORATION WITH



**ACIMAC**  
Association of Italian Manufacturers of  
Machinery and Equipment for Ceramics



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# Industrial digital printing solutions: Prepare, Print, Finish supporting you along the entire process

**Luigi Franzoni**  
Market Development Manager  
Cefla s.c. – **Business Unit Finishing**



Making Your Life Better.



Cefla is an industrial Group operating in several manufacturing fields.  
Each of these has its own dedicated Business Unit:

**ENGINEERING | FINISHING | MEDICAL EQUIPMENT**



The Business Units each have their own history, specific products and processes. Yet they share the same mission: to foresee the kinds of innovation that will provide consumers with advantages, implement them quickly and place them at the customers' disposal.





## Our business units

### MEDICAL EQUIPMENT

### FINISHING

### ENGINEERING





## FINISHING

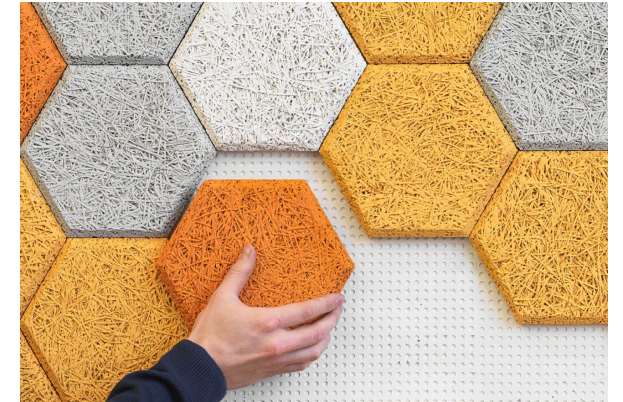
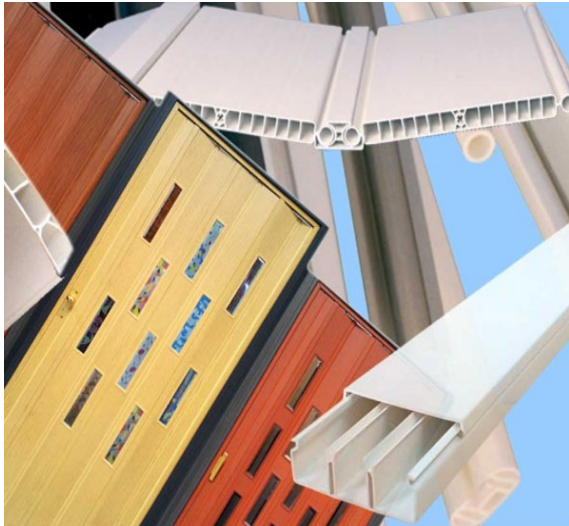
***The most trusted  
surface finishing partner,  
in everything you see.***

Cefla Finishing designs and manufactures tailored and "turnkey" systems for the wood market and today is in the forefront also in the field of glass, plastic, fiber cement, composite materials and metal.

**Customers range from big names in the building and furniture sector, including the aerospace and automotive industries.**



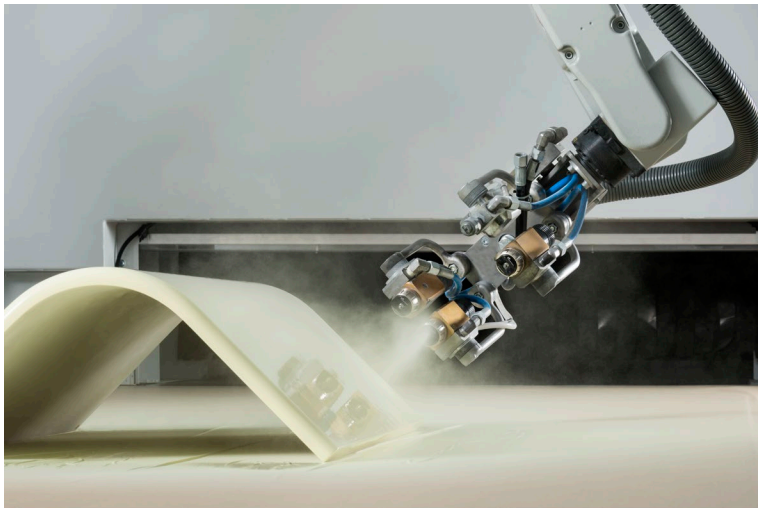
## Let's build and power tomorrow towns



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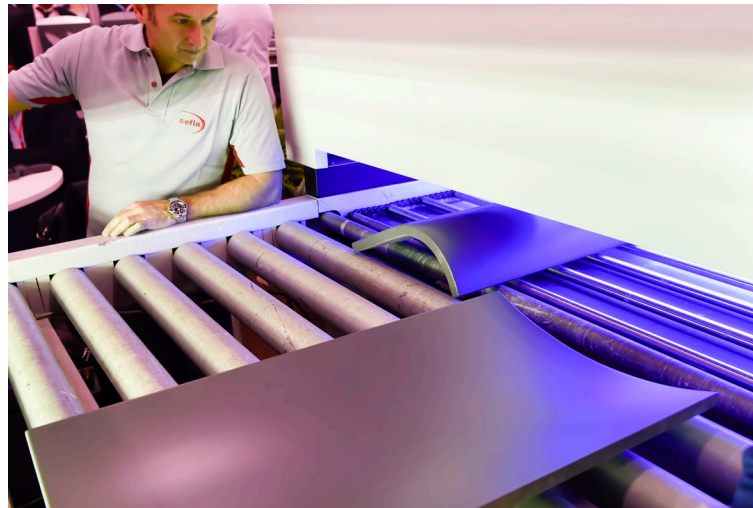
## FINISHING Business Lines

### APPLICATION SYSTEMS



- Roller coating
- Spray coating
- Vacuum coating
- Wrapping

### DRYING SYSTEMS



- Vertical
- Linear
- UV
- Excimer
- IR

### DIGITAL PRINTING SYSTEMS



- Multi Pass (Plotter)
- Single Pass

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## Full process technology

**① Characteristics of material to be coated**  
*Colour, porosity, surface tension, physical behavior*

**② Expected hardness and wearing resistance**  
*Flooring, decoration, ceiling, expected life*

**③ Weathering resistance**  
*Humidity, sun exposition, inside, outside*

**④ Optical aspect and appearance**  
*Close or far from observer's eye, watching time, surrounding elements*



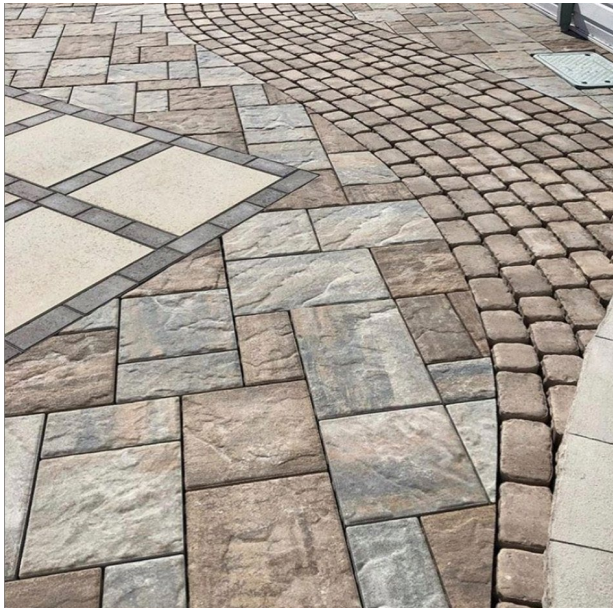


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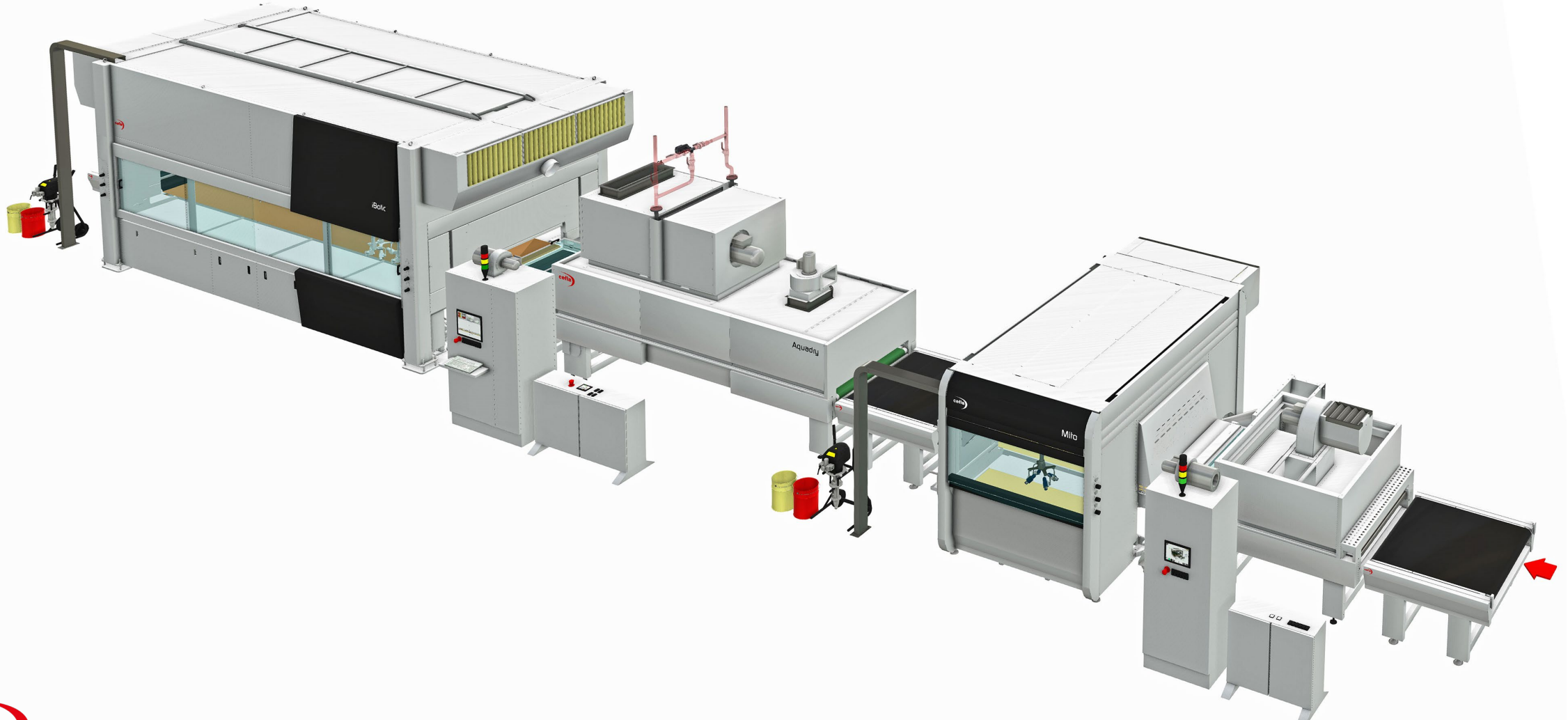
## Outside flooring decoration - Concrete

600 x 600 tiles

- ✓ Base color
- ✓ Special effect



## Outside flooring decoration - Concrete



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## Outside siding - Aluminium

6000 x 300 extruded profiles

- ✓ White base preparation
- ✓ Digital print CMYK (Multipass)
- ✓ Protection layer (UV-IR resistant)

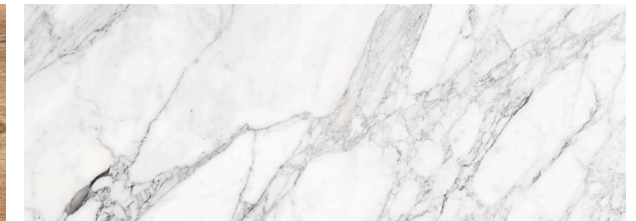


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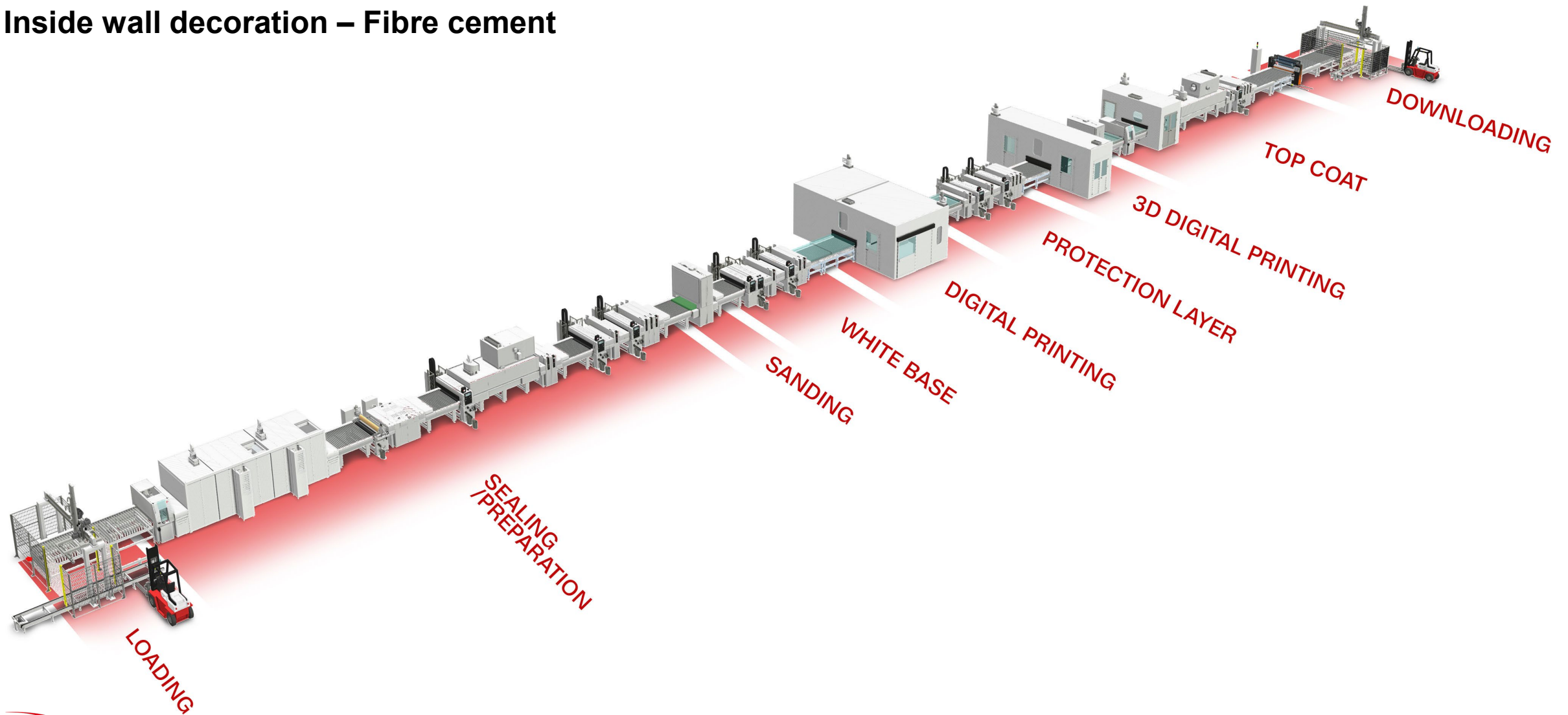
## Inside wall decoration – Fibre cement

3000 x 1240 boards

- ✓ Sanding
- ✓ White base preparation
- ✓ Sealing of base board
- ✓ Digital print CMYK
- ✓ Protection layer
- ✓ Sanding (for gloss aspect)
- ✓ 3D digital print (for texturing)
- ✓ Top coat



## Inside wall decoration – Fibre cement



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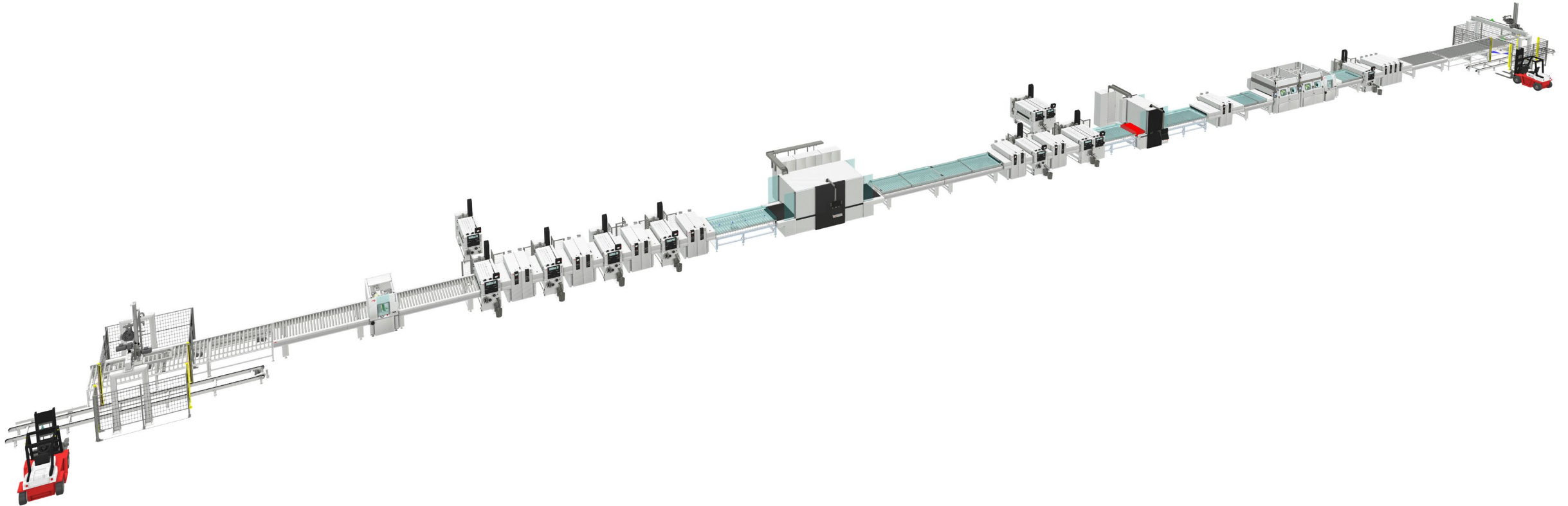
## Inside flooring decoration – SPC

2000 x 300 boards

- ✓✓ Primer for adhesion
- ✓✓ White base preparation
- ✓✓ Digital print CMYK
- ✓✓ Protection layer
- ✓✓ 3D digital print (for texturing)



## Inside flooring decoration – SPC





## Inside flooring decoration – SPC





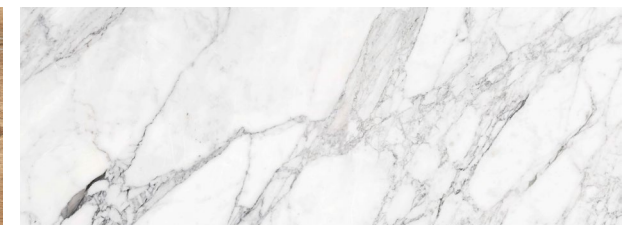
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## Flooring – Wood planks or plywood

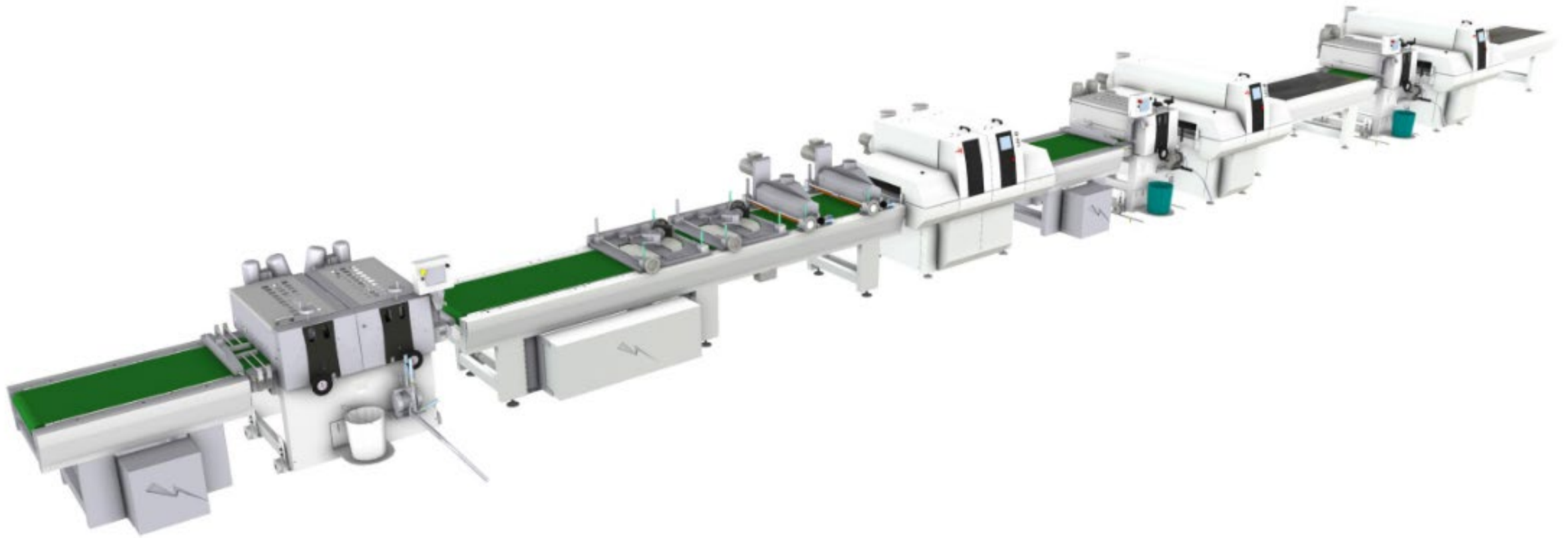
300 x 2500 for flooring

Natural effect, enhancing wood grain

- ✓ Filling
- ✓ Staining
- ✓ Weathering
- ✓ Waxing



## Flooring – Wood planks or plywood





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