

production line

# DIP PRINT

POZZI INDUSTRIES

MADE IN ITALY

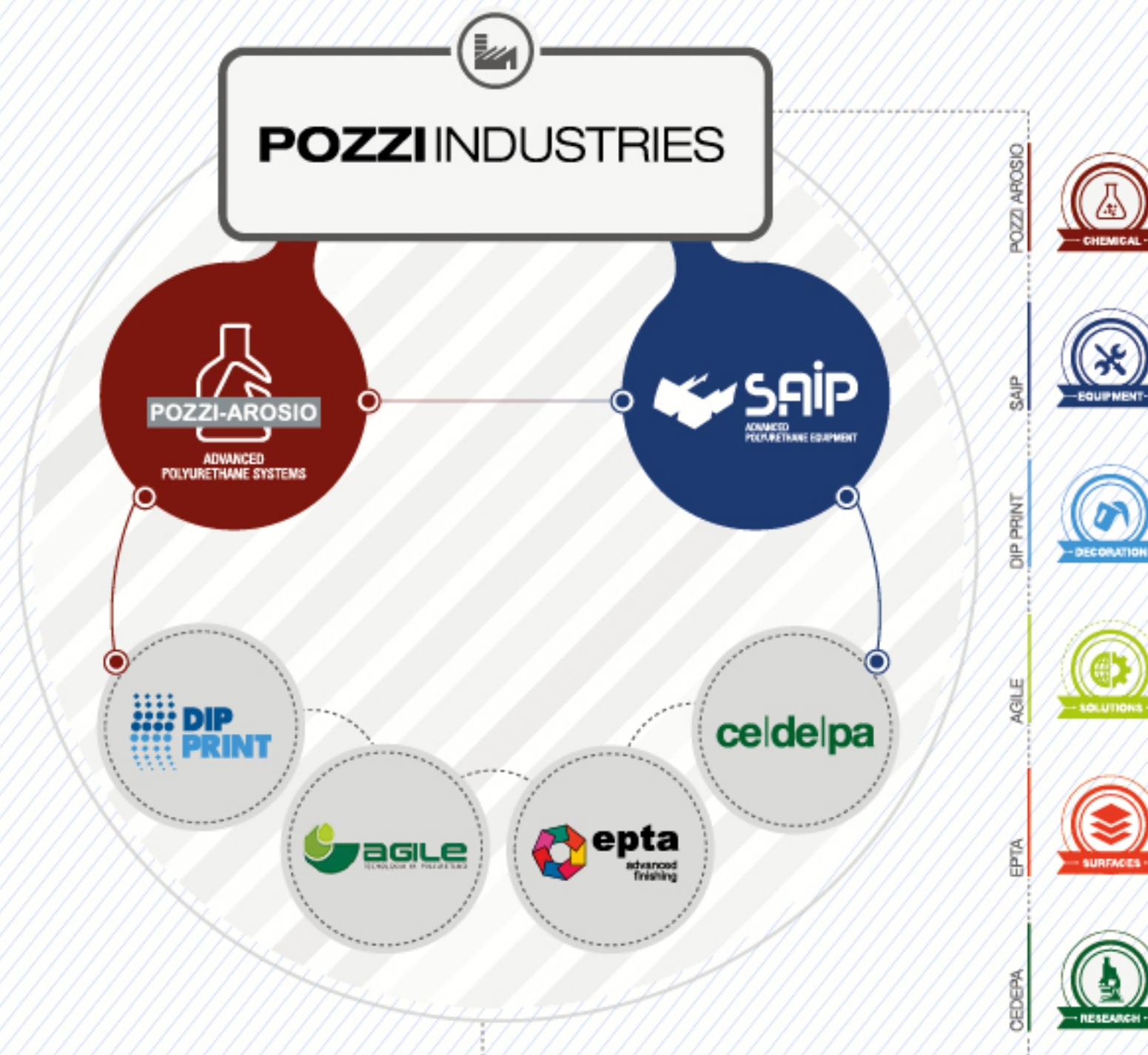






**IDEA and its CONCEPT.**  
**NOT ONLY a number of Companies**  
but a strong and well defined Group.

Pozzi Industries is the synergy of competences in chemical, equipment, research, surfaces and decoration. We can provide high quality solution for a single customer necessity, or organize a synergic multicompany answer to complex requests.





OUR VISION



- Fully automated
- Entirely made in Italy
- System designed, engineered and manufactured by a dedicated team

DIP PRINT™ IS AIMED AT DECORATING COMPLEX SHAPED 3D OBJECTS.



## OUR VISION



## SUPPORT

Polyurethane objects  
ABS objects  
Plastic objects  
Metallic objects  
Glass objects

## TOP COATING

A transparent top coat is applied to protect the printed surface.

## THE PROCESS IS DEVELOPED IN FIVE STEPS:

1

### FILM PRINTING

The pattern or design is printed on a water soluble film.

2

### ACTIVATION

The film is specially treated to activate the inks.

3

### TRANSFER

The film is floated out onto the water and the product to be decorated is pressed down into the film to effect the transfer.

4

### FILM REMOVAL AND WASHING

Having fulfilled its role as the medium for the print transfer, the film is washed away.

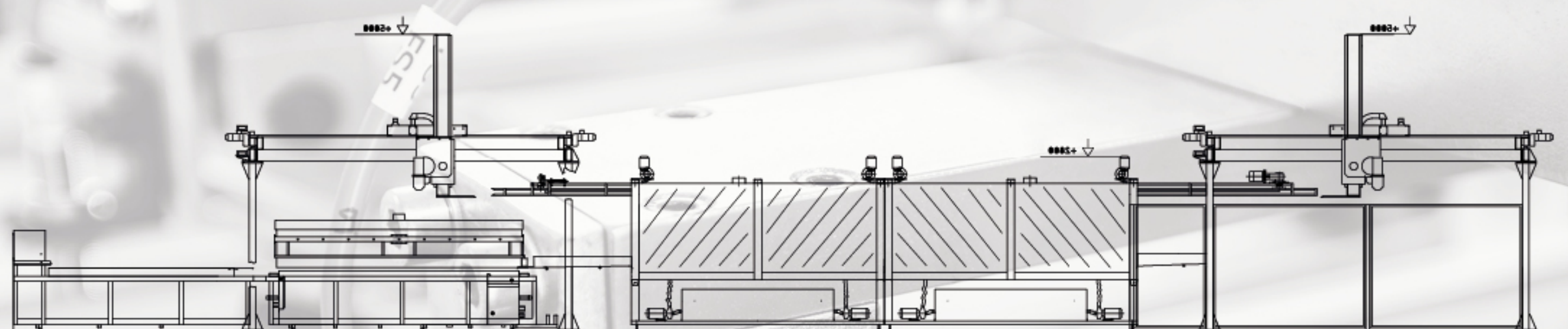
5

### DRYING

Water which has adhered to the product (material) during transfer is dried off.



## PRODUCTION LINE & PROCESS

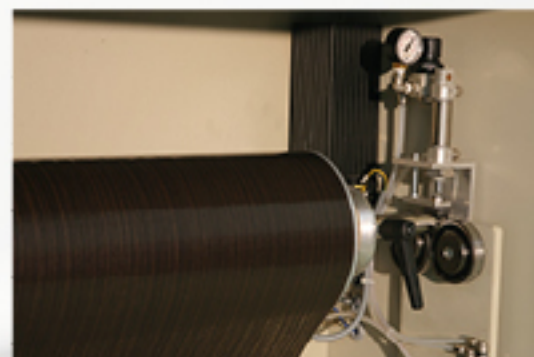
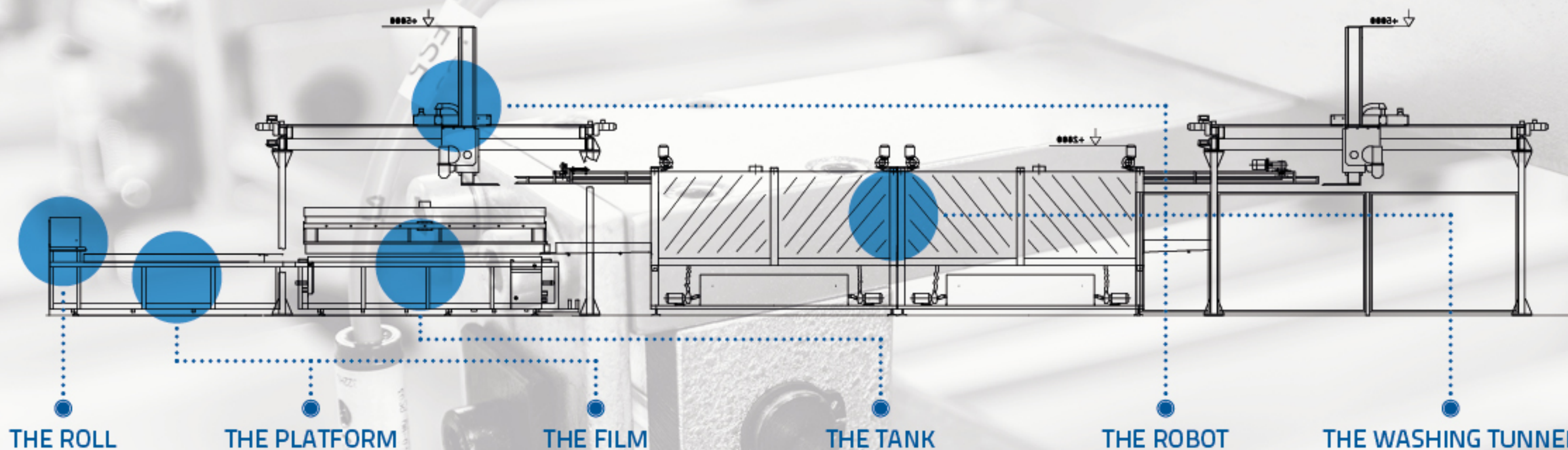


## TECHNICAL DESCRIPTION

Dimensions:	25.0 x 6.0 meters	Operational clearance height:	5.0 meters
Immersion tank dimensions:	3.0 x 1.0 x 0.8 meters	Film reel length:	1.0 x 1,000.0 meters
Work cycles T:	4' per plunging/decoration cycle	Decoration/h capacity:	45.0 square meters/h



## PRODUCTION LINE & PROCESS





## OUR TARGETS



- DIP PRINT™ technology is really unique for printing quality in definition and rendering even for convoluted shapes allowing at the same time the maximum variety of substrates.
- DIP PRINT™ is the best option, the winning solution, especially in cases where significant production difficulties come along with top level finishing requirements.
- DIP PRINT™ is widely used in automotive, boat and aeroplane industry.
- DIP PRINT™ allows the use for outside decorations of cheaper, more suitable (e.g. fire resistant) or lighter materials, and consequently considerable savings in costs for raw materials, transport, handling.
- DIP PRINT™ decorated pieces show the best appearance you can imagine in every pattern you can imagine.

# DIP PRINT™ IS THE WINNING TECHNOLOGY



## THE ADVANTAGES



### DIMENSIONS

- The dimensions of the immersion tank (3x1m) it is remarkable
- It make it possible to decorate:
  - Considerably long pieces
  - Considerably thick pieces
  - Considerably complex and convoluted shapes.

### CONVOLUTED SHAPES

- There are no materials to which the high-resolution DIP PRINT technology cannot be applied.
- All COMPLEX SHAPES materials with paintable surfaces have the greatest benefit.
- Dip Print grants:
  - A very well-defined personality
  - A significant material metamorphosis
  - A strongly technological aspect
  - An increased aesthetic and artistic piece evolution

### QUALITY OF FILM

- All textures quality is in High Definition (HD)
- The drawing on the film can also be transferred to objects with minimum corner radii and to undercuts
- The texture always finds its perfectly orderly fashion to transfer itself and to spread on the whole object without deforming!





**MAIN FIELD**

{ WOOD, HIGH-TECH, LEATHER & TEXTILE, FANTASY, CAMOUFLAGE, STONE



APPLICATIONS FIELDS



.....● AVIATION

.....● INDUSTRIAL DESIGN

.....● SPORT

.....● INTERIOR FURNITURE

.....● MARINE

.....● AUTOMOTIVE



## APPLICATIONS - SAMPLES





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presentation

# DIP PRINT

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