

EURO90 / FOR THIRTY YEARS, FOREVER.





EUROIMPIANTI coating lines

OUR HISTORY

We are an **Italian company** with **more than 45 years of experience** in the design and construction of **systems for coating** any metal surface.

After serving the needs of the Italian market, in the 1980s we began exporting our first coating systems to Europe, thus establishing our **ever-growing presence in the international market** as well.

At the same time, we enhanced our **close-knit Company management** with **highly skilled technical and sales professionals**.

Our group currently consists of over **80 employees** and **thousands of systems installed worldwide**.

We rely upon **production plants, sales offices** and **exclusive distributors** located in strategic commercial areas to offer an **attentive and complete service** to customers in **every country**.

For us, **our Company is like a family**, where **respect for people, environmental awareness,** and bold foresightedness are **fundamental principles**.

HOW WE WORK

We take care of each and every discrete project phase: **sales, consultancy, executive development, production, installation and testing**.

A **dedicated staff** approaches each project according to **our construction philosophy** of **modularity and flexibility**.

We applied the **serial production** logic to the individual components of our equipment, in order to build **functional systems** that are

optimally customized to every **customer's discrete needs**.

Our work does not end with the delivery of the system. We **establish a lasting and continuous relationship** with customers, providing them with the best **after-sales assistance**:

- **maintenance**
- **technical advice**
- **supply of spare parts**
- **staff training**



DEDICATED ASSISTANCE



INTERNATIONAL WARRANTY



ENVIRONMENTAL SUSTAINABILITY



RESEARCH AND DEVELOPMENT



TRAINED LOCAL STAFF



EURO90

The automatic and flexible solution that can be customized according to production needs and piece size.



KOMBY

The manual and flexible system, ideal for coating small batches of any size and shape.



EUROCAR

The step coating system, optimized for handling of heavy and bulky items.



EUROVERTICAL

The vertical system for coating extruded profiles, ideal for obtaining maximum quality and productivity.



EUROHORIZONTAL

The coating system equipped with a Power & Free conveyor to make the best use of the available space.



EUROCOMPACT

The compact solution consisting of a powder coating booth and a polymerization oven.



PROCESSING CYCLE



SPRAY PRE-TREATMENT

After being loaded onto the overhead conveyor, the pieces are processed inside a **spray washing tunnel** to undergo a chemical cycle **suitable for the surface** to be treated and the **quality** to be obtained. The cycle **comprises several stages** of degreasing, washing and processing with other chemical solutions.



DRYING IN OVEN

After being washed, the pieces pass through the **drying oven**. The surfaces will be ready for the next processing phases after passing through the **heated area at about 120°C**, for an average of 10 minutes.



COATING APPLICATION

The pieces enter the **powder coating booth**. The **electrostatic guns** will apply the **powder paint**, thoroughly covering all the products. If the pieces to be processed have undercut shapes, an operator will be required to touch them up.



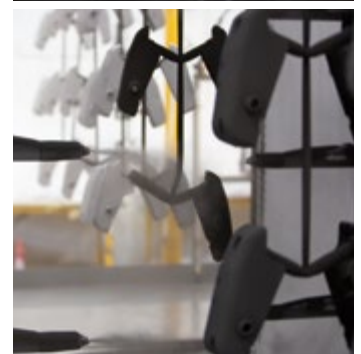
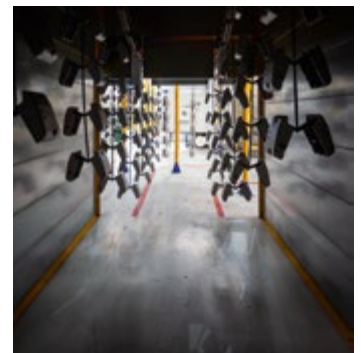
POLYMERIZATION IN OVEN

To solidify and adhere to surfaces, the paint must be polymerized in the oven at a **set temperature**, for an appropriate period of time. For optimal results, the **temperature** inside the oven must be **uniform** and **air circulation constant**.



COOLING

Once the **cycle is complete**, the coated pieces travel a stretch of the overhead conveyor for the time necessary to **cool** them, at the end of which they will be ready for **handling and unloading**.



ON-REQUEST ACCESSORIES



ECO-FUSION PANELS

Thermal insulation panels from powder paints ideal for optimizing the workplace. Ideal for lining the washing tunnel and making the environment cleaner and soundproofed.



NEBULA SYSTEM

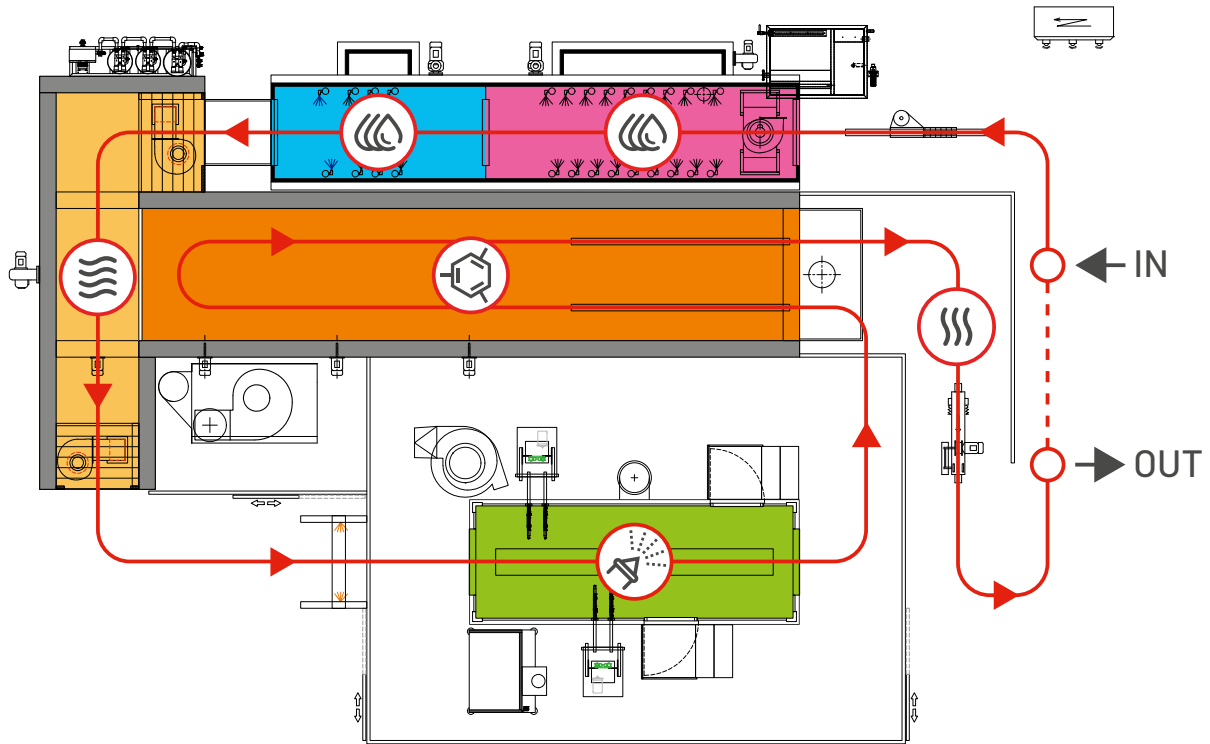
The Nebula system is ideal for obtaining **maximum efficacy from passivation**. Nebula **reduces the consumption** of water and chemical products, maintains **water conductivity constant** and allows minimizing processing times.



POWDER CENTER

The powder center allows **speeding up color change** process. It allows the **automatic cleaning** of the powder travel path; all machine cleaning and processing phases are managed from the **touchscreen control panel**.

BASIC CONFIGURATION



STRENGTHS



COMPACT
SYSTEM



MODULAR
SOLUTIONS



ENERGY
SAVING



QUICK
INSTALLATION

OVERHEAD CONVEYOR LOAD CAPACITY

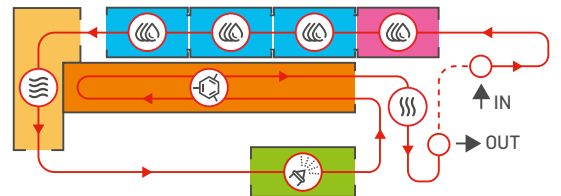
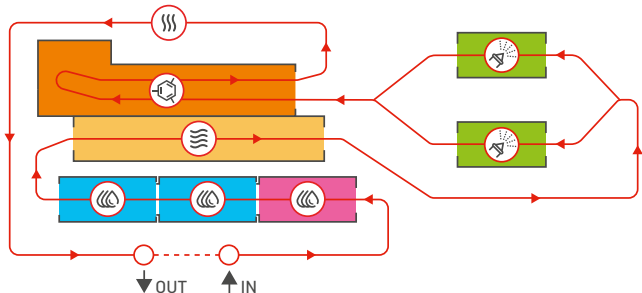
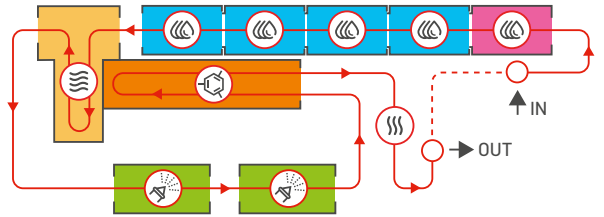
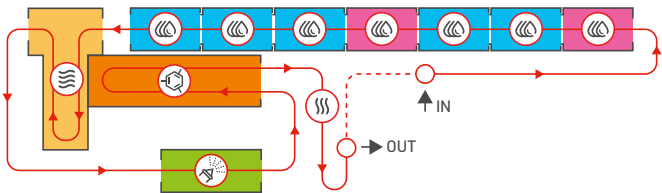
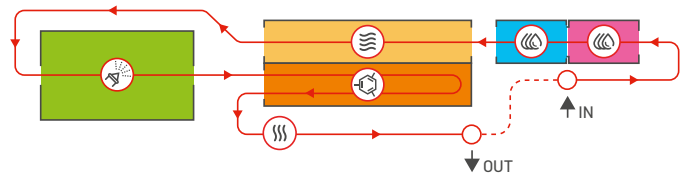
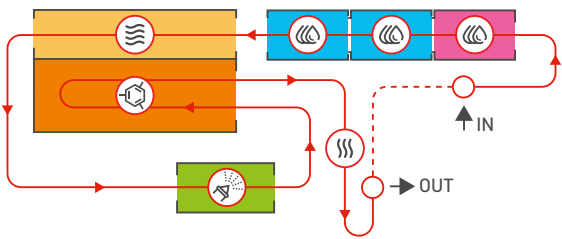
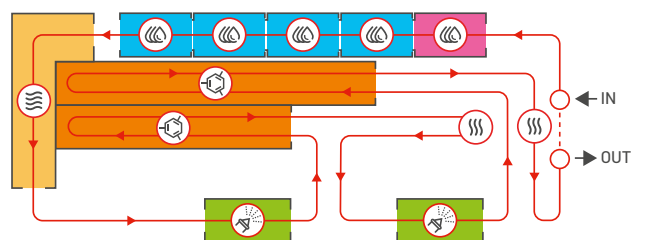
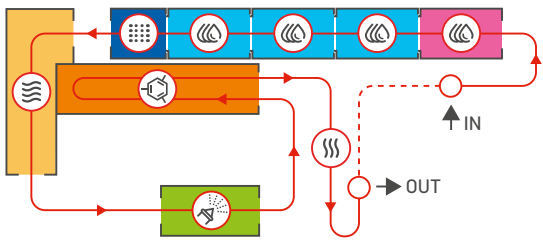
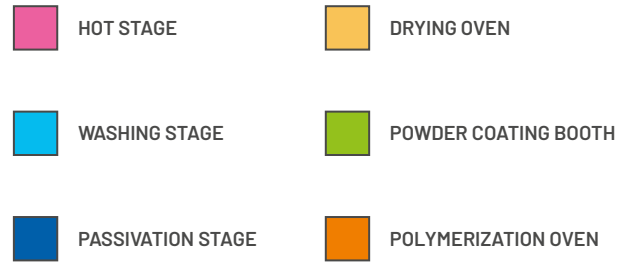


EURO 90	AVAILABLE PASSAGE		MAXIMUM PIECE CLEARANCE REQUIREMENTS			IDEAL ROOM SIZE Conveyor speed 3 ft/min		
	W (in)	H (in)	W (in)	L (in)	H (in)	W (ft)	L (ft)	H (ft)
EURO 90-1	20	40	4 8	50 40	30	43	30	14
EURO 90-2	30	50	8 23	50 40	40	43	30	14
EURO 90-3	40	60	15 31	50 31	50	50	33	17
EURO 90-3.25	40	70	15 31	50 31	60	50	33	17
EURO 90-4	40	80	15 31	50 31	70	50	33	17
EURO 90-4.25	40	90	15 31	50 31	80	50	33	18
EURO 90-5	40	100	15 31	50 31	90	60	33	18

EXAMPLES OF OTHER CONFIGURATIONS

The **modular construction** allows customizing our standard solutions **for different uses, needs and production spaces.**

Here are some possible variants.



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