



INFINITY MACHINES
ماكينة العمر

Color Spraying Machines



2026

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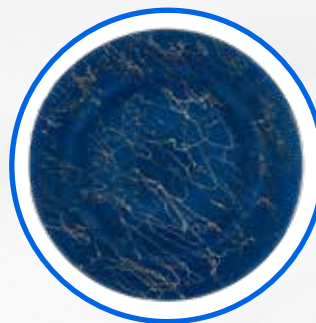
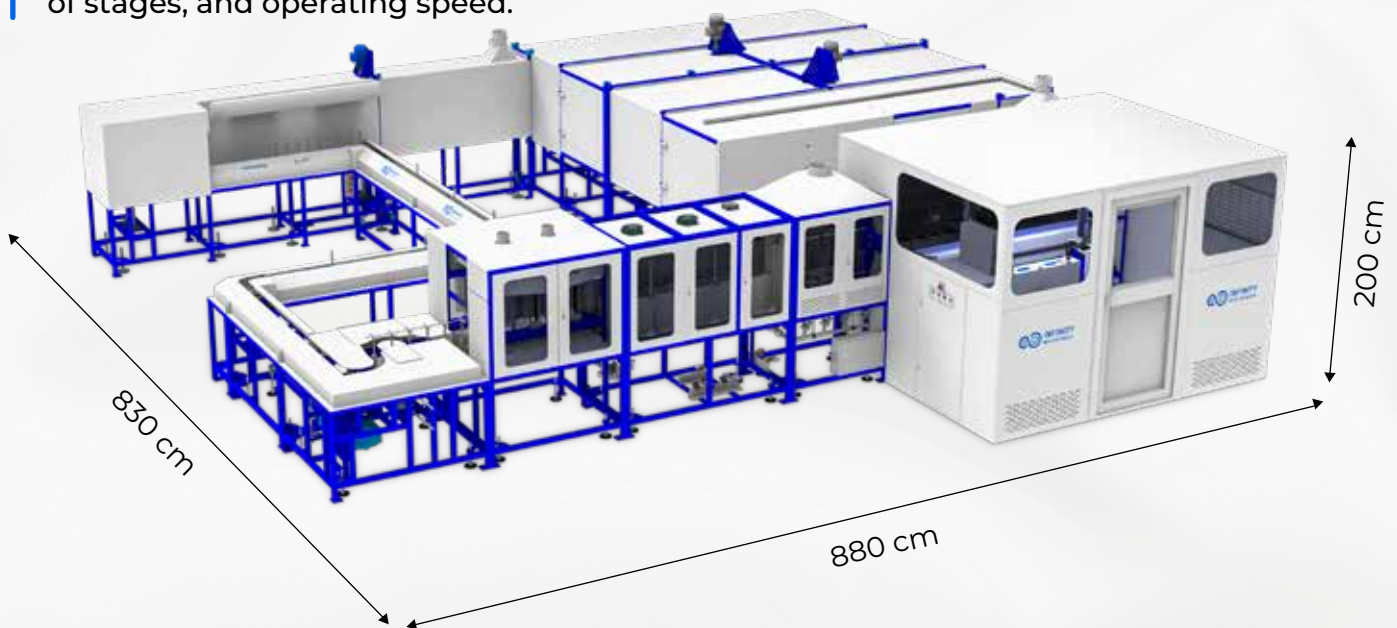
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Color Spraying Line (350 / °230°)

The spraying line consists of more than one stage to ensure the highest productivity and best efficiency:

1. **Brush Cleaning:** To remove dust and surface impurities from the pieces.
2. **Water Washing:** To clean the pieces from any dirt or unwanted residues before spraying.
3. **Flame Treatment:** To remove moisture resulting from washing and grease, and to prepare the surface for the spraying process.
4. **Spraying:** It includes 6 guns equipped with tanks and color mixer, with horizontal and vertical movement to ensure precise spraying of all parts.
5. **Oven:** It contains heaters reaching up to 230°C with an air blower for even heat distribution.
6. **Unloading and Loading:** To unload the finished pieces and place new pieces to continue operation without stopping.

The line can be executed according to customer requirements in terms of length, number of stages, and operating speed.



Technical Specifications

According to customer request



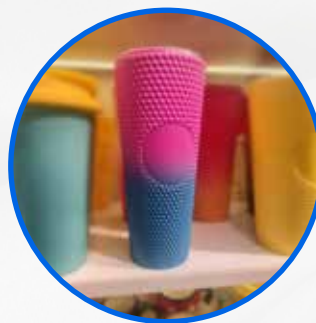
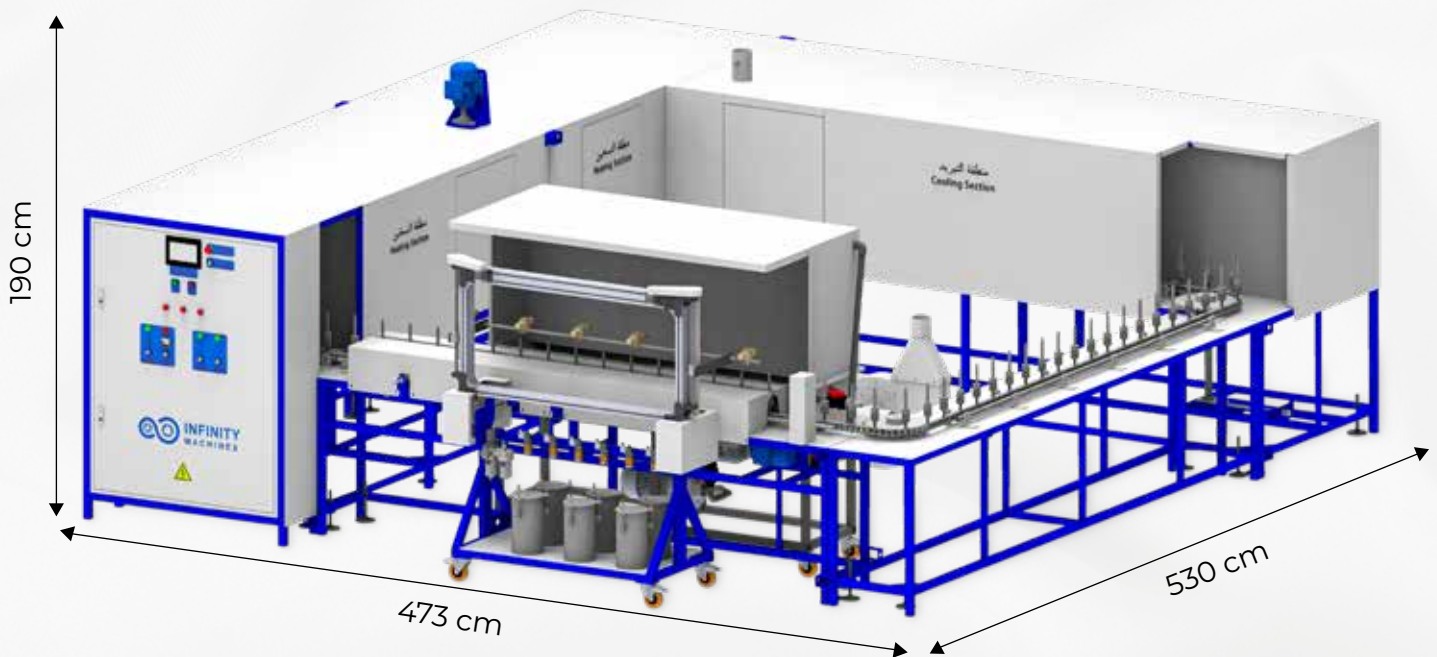
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Color Spraying Line (120°C)

The spraying line consists of more than one stage to ensure the highest productivity and best efficiency :

1. **Spraying Stage:** Equipped with 6 spray guns, color tanks, and mixers to ensure color homogeneity. It features horizontal and vertical movement for easy spraying of all pieces.
2. **Oven:** Contains a set of heaters to achieve the required temperature for the colors, along with an air blower to ensure temperature uniformity at 120°C.
3. **Cooling Stage:** Allows pieces to cool slowly to avoid thermal shock from the external ambient temperature.
4. **Unloading and Loading Stage:** For final unloading of finished pieces and placing new pieces for spraying.

This line can be executed according to customer requests.



Technical Specifications

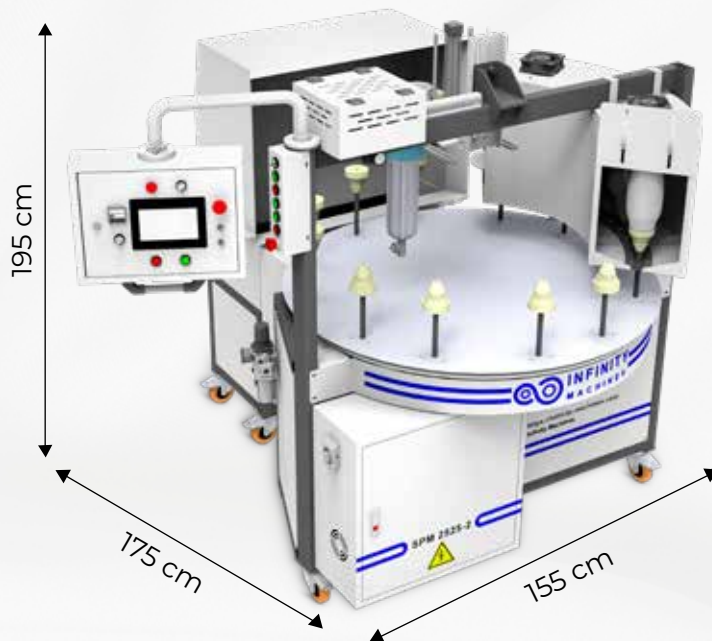
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Color Spraying Machine (Rotary)

- The color spraying machine applies a thin layer of the required color and color gradients for all types of glass and non-glass pieces.
- It contains 12 heads to secure the pieces, allowing two pieces to be sprayed at a time.
- The machine is characterized by high productivity and ease of handling to spray any required shape.
- A water curtain can be added to reduce dust resulting from the spraying process with a power of 1 kW.
- Heating units can be added before or after the spraying process, or both together, with a power of 2 kW for easy handling of the piece after spraying.



Technical Specifications

Max Diameter	Max Height	Max Productivity	No. of Guns	Power	Weight
25 cm	25 cm	30 pcs / min	2 / 4	750 Watt	450 kg

According to customer request



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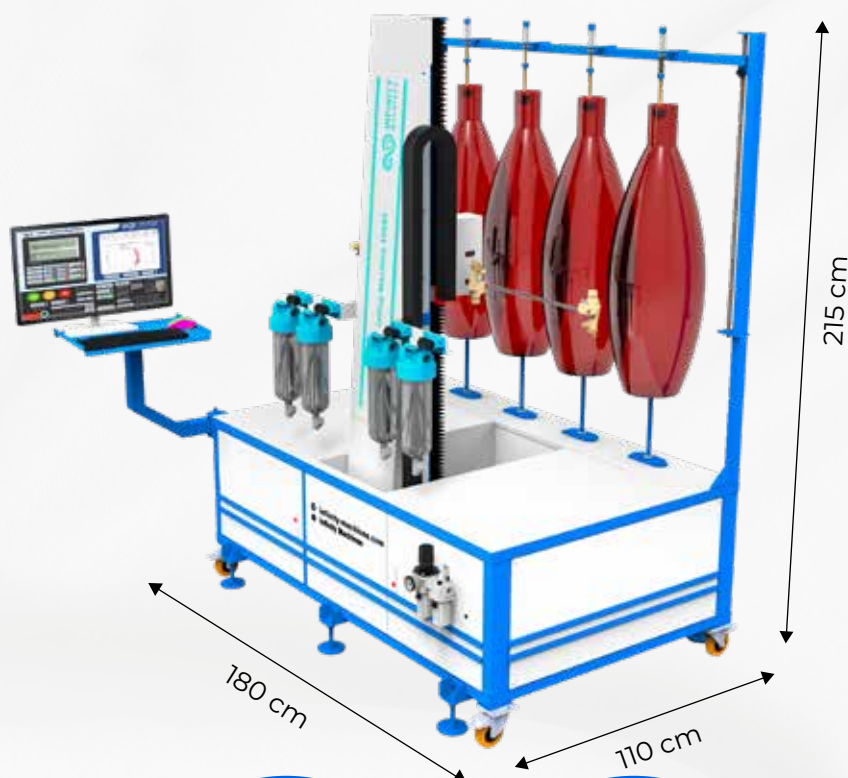


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Color Spraying Machine (3 Axis)

This machine is used to spray glass and non-glass pieces from all directions with high precision, through a 3-axis spraying system that allows complete coverage of all surfaces.

The machine is equipped with a model of the piece to be sprayed so that it recognizes it and executes the spraying process automatically.



Technical Specifications

Max Diameter	Max Height	Max Productivity	No. of Guns	Power	Weight
30 cm	50 cm	12 pcs / min	4	1 kW	250 kg

According to customer request



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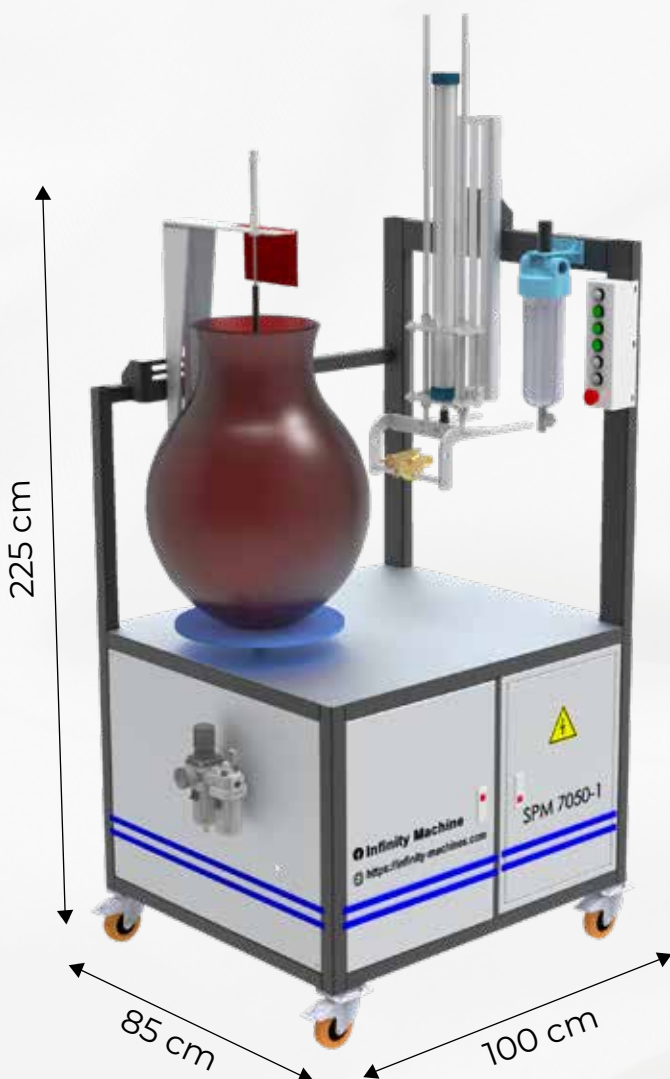
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Color Spraying Machine (One Head)

This machine is used to spray and color glass and non-glass pieces with a homogeneous layer of the required color.

It features the ability to control the degree and density of the spray to achieve the best results.

A water curtain can be added to reduce dust resulting from the spraying process with a power of 2.25 kW.



Technical Specifications

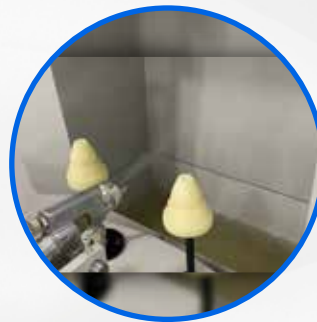
Max Diameter	Max Height	Productivity	Power	Weight
50 cm	70 cm	6 pieces / minute (Average)	750 Watt	75 kg

According to customer request

Water Curtain and Heating Unit

The water curtain is used as an additional unit with the color spraying machine to reduce the dust generated during the spraying process. This helps maintain a clean work environment and ensures the quality of the final product. It operates through a closed water cycle equipped with an air blower to extract air and dust efficiently.

The heating unit is used as an additional unit either before or after the spraying process, or both together. It works specifically with the color spraying machine (Rotary Tray) to remove moisture or dust from the surface of the piece and dry it quickly after spraying. It operates with a 2 kW heating system to ensure performance efficiency.



Heating Unit

Electricity	Power	Weight
220 Volt	2 kW	60 kg

Water Curtain

Electricity	Power	Weight
220 Volt	2.25 kW	150 kg

According to customer request



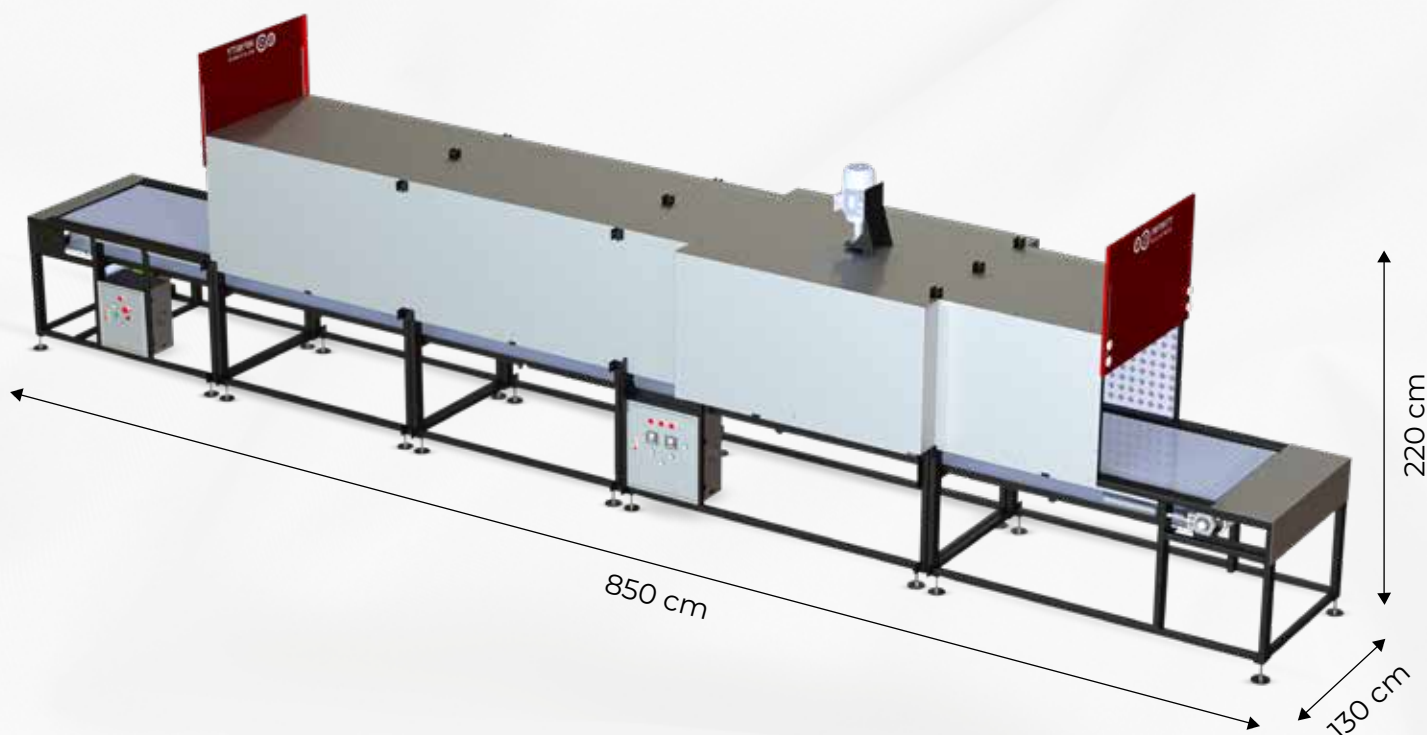
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Tunnel Oven 250°C

Tunnel Oven for drying paint on glass for making the paint more adhesive to glass pieces
The speed of the belt, as well as the temperature of the oven, can be controlled by means of a smart controller that can handle temperature deviations easily , It contains a motor to circulate the air and ensure uniform temperature
It is characterized by good insulation .



Technical Specifications

Belt Width	Max Height	Max Productivity	Oven Length	Temperature	Power	Weight
80 to 120 cm	50 cm	One cycle every (30 : 15) minutes	Up to 8 meters	250°C	Up to 14.5 kW	Up to 1.2 tons

According to customer request

Tunnel Oven 600°C

Tunnel Oven for drying paint on glass for making the paint more adhesive to glass pieces
 The speed of the belt, as well as the temperature of the oven, can be controlled by means of a smart controller that can handle temperature deviations easily , It contains a motor to circulate the air and ensure uniform temperature
 It is characterized by good insulation .

**COMING
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Technical Specifications

Belt Width	Max Height	Max Productivity	Oven Length	Temperature	Power	Weight
1 to 1.5 meters	50 cm	One cycle every (90 : 120) minutes	Up to 27 meters	600°C	Up to 60 kW	Up to 3.5 tons

According to customer request

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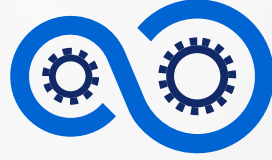
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Where we are proud to provide machines characterized by reliability, high efficiency and providing the best after-sales service.

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