

Application Success Stories



Tecnologia della Verniciatura

Faenza - Castelfranco Emilia
www.italsabverniciatura.com

Highest Automation with
Dynamic Contour Detection

Better penetration into
cavities and edges

Reduced manual
retouching

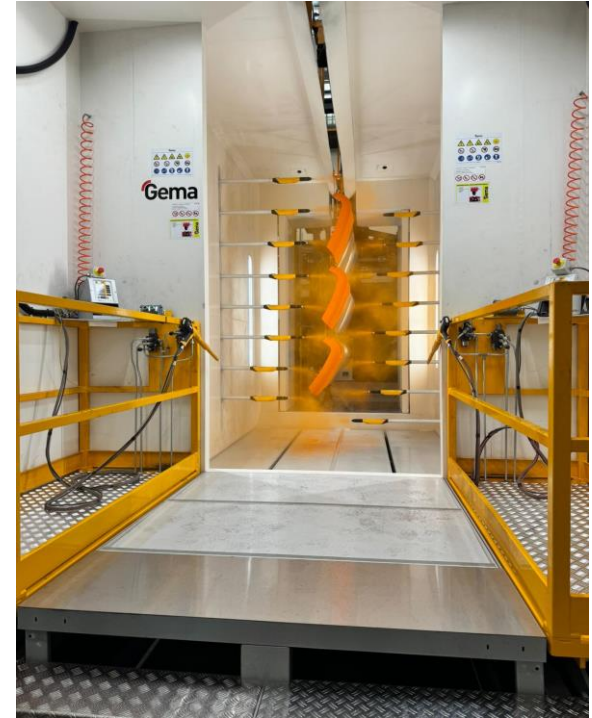
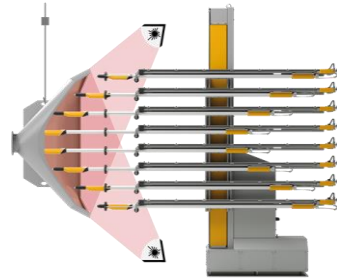
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Installation Key Data

Parts:	Job coater
Parts size:	H 2600 mm W 1500 mm
Conveyor speed:	2.5 m/min

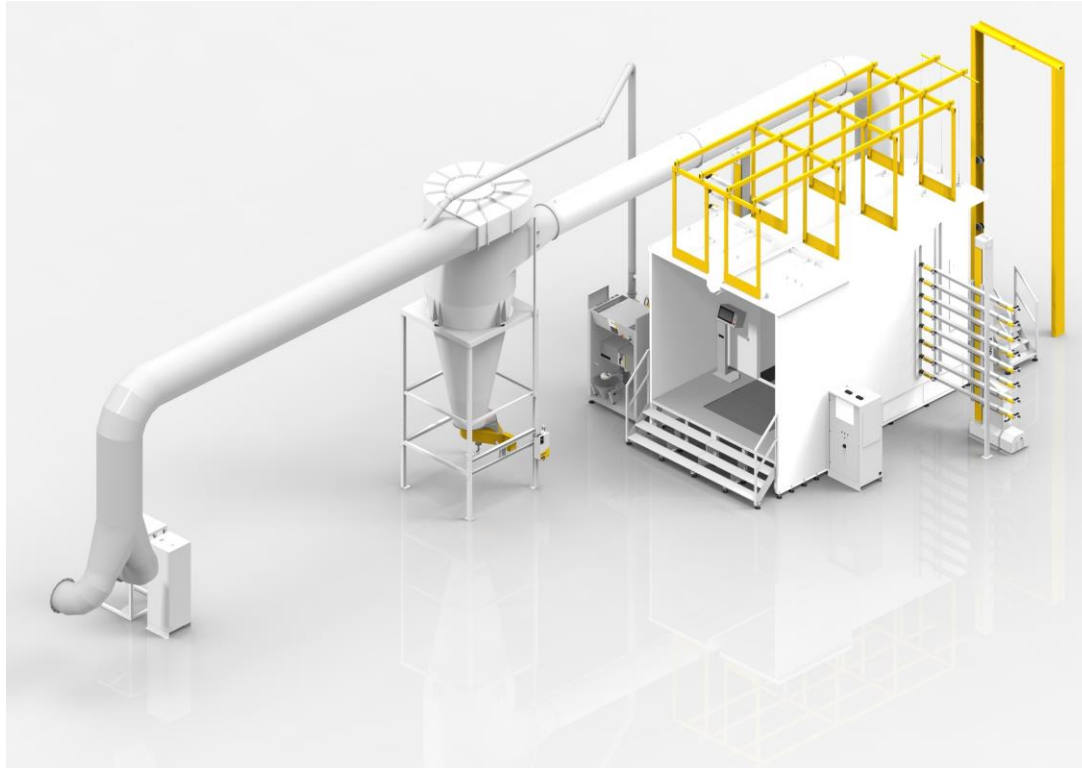
Scope of delivery:

- 1 x MagicCompact® EquiFlow® BA04
- 1 x Cyclone with high-efficiency, recovery powder 90-95%
- 1 x Cartridge Filter for 32'000 m³/h
- 1 x MagicControl 4.0, Integrated system "Industry 4.0"
GemaConnect® Dashboard, Dynamic Contour Detection
- 2 x Reciprocator ZA, each with 8xUA05 gun axis
- 1 x OptiCenter® All-in-One (OC06):
 - 16 x OptiGun® GA03 Automatic guns
 - 2 x OptiSelect® Pro (GM04) manual guns
 - 18 x OptiStar All-in-One® (CG22-C) - Control for guns



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Layout



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Italsab s.r.l. is one of the leading companies in the metal treatment sector, operating mainly in the areas of Faenza, Ravenna, Modena and specializing in sandblasting, shot peening, shot blasting, descaling, cleaning and metal painting, such as steel, aluminum, iron or copper.

It is a modern company always looking for new technologies and, thanks to the high professionalism and competence of its staff, satisfies every customer request by paying attention to all phases of metal treatment.

Italsab has decided to continue its

process of innovation by choosing the latest Gema technologies. The new coating line provides primer and finish layer thanks to two **Dynamic Contour Detection** systems installed on two booths.

The UA05 axis, combined with the **MagicControl 4.0** control unit, can adjust the position of the **OptiGun GA03** in order to respect the outline of the parts to be coated.

It is possible to achieve high speeds (2.5 m/min) on large shapes (2600 h x 1500) with the maximum flexibility.

The new booth designed for fast color

changes has been equipped with the innovative **OptiCenter All-In-One OC06** powder center, the first system that combines electrostatics control and powder dispensing via venturi high density technology in a single product.

The job done by Gema allowed to increase the daily production volume in order to meet the market demands in terms of quality and durability, managing a better application and reducing the manual retouching.