

Application Success Stories

Corradi Sun Protections



SIT «Smart Inline
Technology»

Ease of use

Increased productivity

Application Success Stories

Installation Key Data

Parts: Aluminum profile

Parts Sizes: H 1.800 mm

W 400 mm

Conveyor Speed: 3,0 m/min

Scope of delivery:

1 x MagicCompact® EquiFlow® BA04 booth

1 x Filter for 16'000 m³ /min with OptiControl ICS08

2 x Reciprocator ZA07-13 + XT03 manual axis

1 x MagicControl 4.0 + Light Barrier

1 x OptiCenter® OC07 + Ultrasonic Sieve US07, with:

12 x Automatic Guns OptiGun® GA03-PX

2 x Manual Guns OptiSelect® GM04

14 x application pumps OptiSpray AP01



Application Success Stories

Layout



Corradi
OUTDOOR LIVING SPACE

Application Success Stories



For over 40 years **Corradi** has been a world leader in the production of structures for the protection of outdoor areas, is part of the international group **Renson Outdoor** based in Belgium and is able to serve customers throughout Europe. The Bologna headquarters also includes the production plant that mainly serves the Italian and European markets. The parent company Renson had already collaborated with Gema to test some solutions for powder coating, able to coat large artifacts and make over twenty color changes per shift. Some tests carried out at the Belgian headquarters gave very satisfactory results and the projections predicted a much greater powder saving than other technologies such as the more traditional one in Venturi. With these data, Corradi's management has therefore decided to rely on the Italian headquarters of Gema.



In a recent interview published in the magazine **IPCM**, Luigi Lorenzano, Head of the Painting Department and Davide Faccini, Head of Operations Department of Corradi expressed all their satisfaction: "deciding to build the plant with Gema was a winning choice, we were very satisfied with the professionalism, availability and flexibility shown by their technicians and the commercial network that followed us and, despite the fact that we have only been using the **MagicCompact EquiFlow** booth for a few months, we have noticed a significant improvement in quality. **Smart Inline Technology** keeps the distribution of powder homogeneous and uniform over time, given that the lack of transport air makes the powder output more adjustable and wraps the product better, ensuring a significant saving of paint product. The technology with Venturi injectors is instead more subject to wear and requires more



interventions and replacements of the venturi nozzle to avoid a drop in the application stability. Our production processes and timing have also improved. The **MagicControl 4.0** control unit, from where you manage the entire booth system, is very intuitive and our operators were able to use it to perfection right away. We feared that a few weeks of adaptation to the new system would be necessary, which would cause delays in deliveries, but there was no production slowdown. Even on those rare occasions when we had the need to confront the Italian technicians of Gema, to understand how to optimize some cabin settings, the response was quick and exhaustive. We have managed to increase production by reducing shifts from three to two, we could not be more satisfied with the investment".