

# Application Success Stories



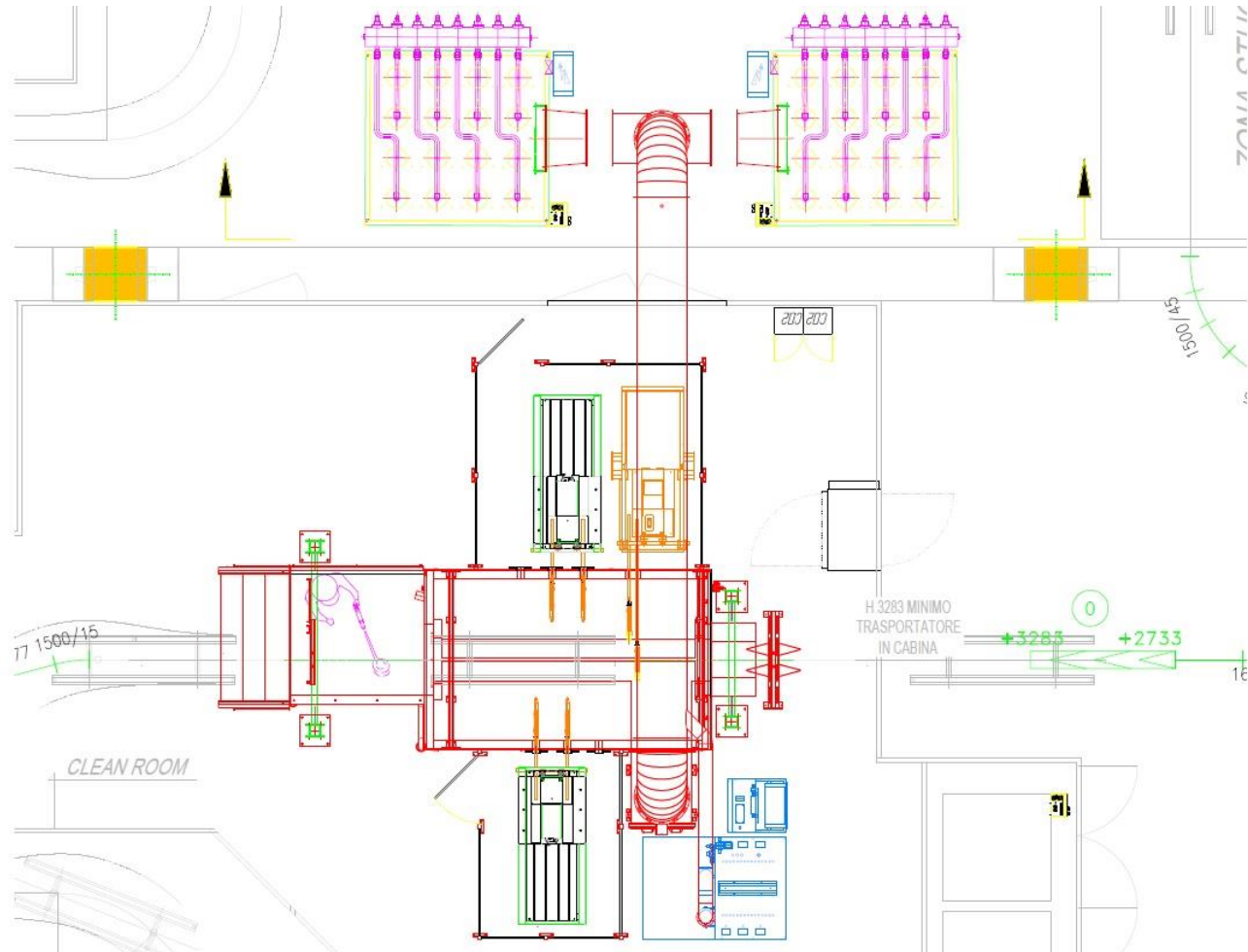
Quality increase and  
film thickness  
consistency

Precise application  
and best finish  
possible

High powder saving  
Industry 4.0 ready

# Application Success Stories

## Layout



# Application Success Stories

## Installation Key Data

**Parts:** Radiators

**Parts Sizes:** H 1.000 mm  
W 550 mm

**Conveyor Speed:** 3,3 m/min

### **Scope of delivery:**

- 1 x MagicCompact EquiFlow® BA04
- 1 x Filter for 16.000 mc/min with emptying system
- 2 x Reciprocator ZA07-13 + XT10
- 1 x Reciprocator ZA07-13 + XT03
- 1 x MagicControl CM30 + Light Barrier
- 1 x OptiCenter® OC05 + Sieve US03
- 1 x OptiFlex® AS08-18 with:
  - 12 x OptiGun® GA03-P
  - 2 x OptiGun® GA03-P with 90° angled nozzle
  - 4 x OptiGun® GA03-P with 45° angled nozzle



# Application Success Stories



**Global Radiatori** factory has been manufacturers of die-cast aluminum radiators since 1971 and are considered one of the most important producers in the Italian and International market. Their radiator production reflects a high standard of quality that guarantees reliability and longevity, which favors continued expansion in the world market. Quality has always been the major target for **Global Radiatori** and after the old line made in 2007 were Gema supply a **MagicPlus** booth, they decided to realize a new building completely dedicated to a new

automatic finishing line, with cataphoresis and powder coating. This new project was developed in line with the new Industry 4.0 regulation, and the **Gema** single color booth, equipped with all the latest technology is the hearth of the whole system.

The new **MagicCompact EquiFlow**, with his 16.000 cubic meter of ventilation, has made the painting process easier and more accurate. The new **OptiCenter OC05**, in combination with **OptiFlex A2** and the 18 **OptiGun GA03** in different combination of angle nozzles, has



been able to increase the finishing quality and the thickness stability with a considerable reduction in powder consumption.

The new **Smart Inline Technology** with the **OptiSpray AP01** application pumps, gave the boost to the plant, to reach all the target requested.

This is another prove that investing in the latest technology is never a useless expense, but thanks to the innovation proposed by **Gema**, the return on investment is fast and tangible right away.