

Application Success Stories

Quality increase for die-cast aluminum radiators

MADE *in* ITALY



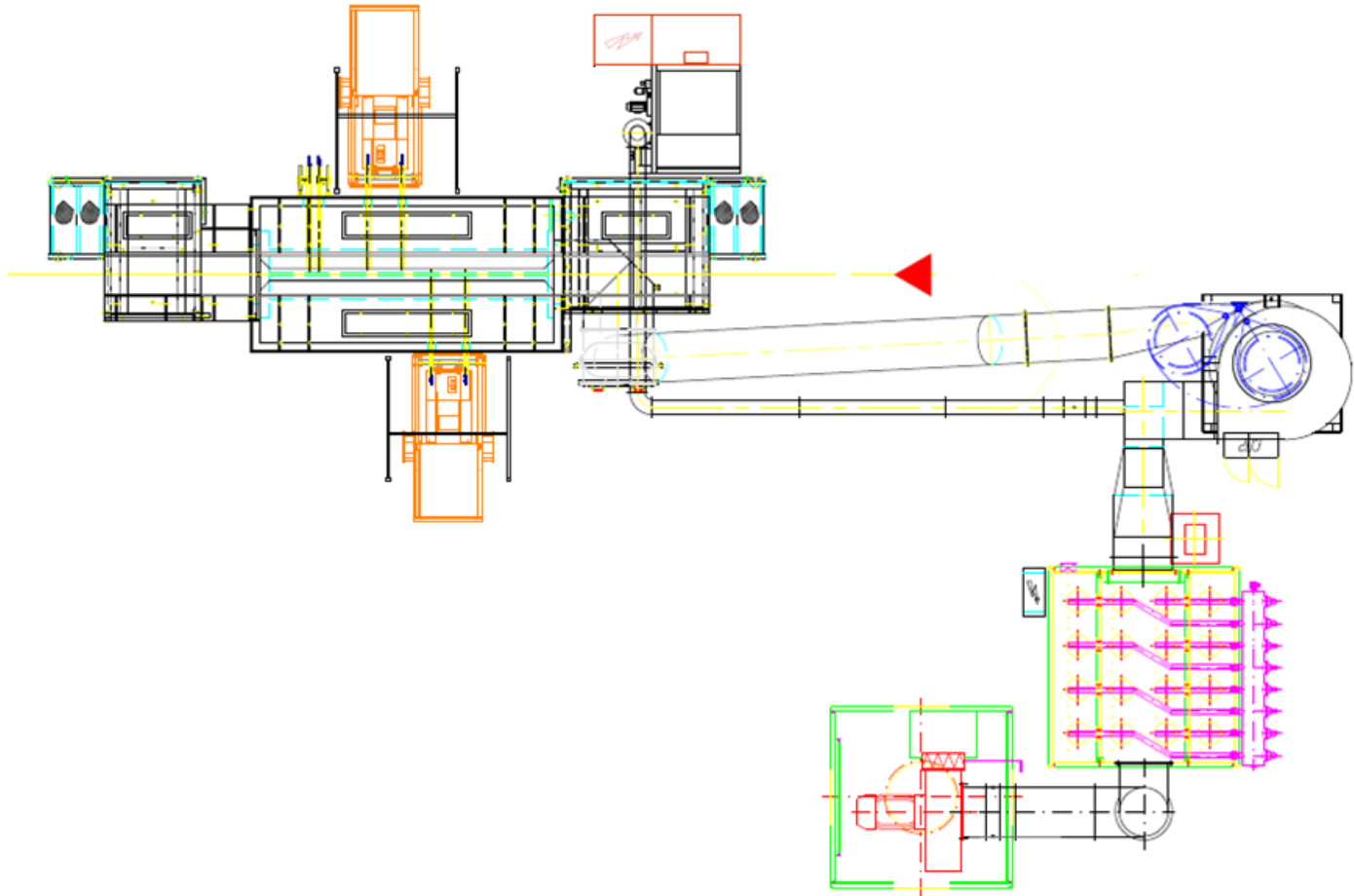
Quality increase

Color change

Powder saving

Application Success Stories

Layout



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Installation Key Data

Parts: Radiators

Parts Sizes:

H = 900 mm

W=100 mm

Conveyor Speed: up to 1,5 m/min

Scope of delivery:

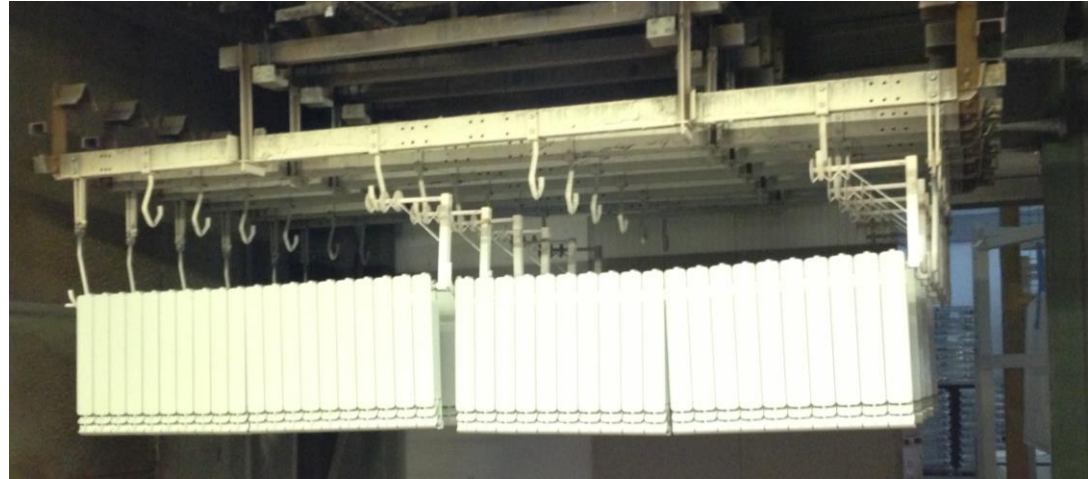
- 1 x MagicCompact EquiFlow
- 1 x OptiControl CM22 + Light Barrier
- 1 x OptiCenter OC02
- 1 x OptiFlex AS05-20 with:
 - 18 x OptiGun GA02-X
 - 2 x OptiSelect GM03
- 2 x ZA06 + XT 03



Application Success Stories



Faral is the Italian brand of die-cast aluminum radiators created in 1966 and known for patented, innovative and revolutionary home heating system. The company has a leading position in the world market not only for the superior products quality but also for its commitment to innovation and production flexibility. The “total quality” approach is the main objective of this new installation, and from the beginning it was clear that the solution proposed by Gema will fulfill their expectations:



Quality Increase: the new automatic guns coat perfectly the whole surface of the radiators even in cavities and in less visible areas.

Color change: 90% of the production is coated by two different types of white. There is an increasing demand for special colors. Thanks to the Gema solution, using the EquiFlow concept and OptiCenter, Faral has the best condition for each situation.

Powder Saving: GA02 corona guns in combination with the OptiStar control confirm that the

corona technology allows excellent application results with maximum efficiency and reduced powder consumption. The perfect booth ventilation and the closed powder circuit of the OptiCenter prevent powder escape from the system, which significantly reduces waste powder and the contamination of working environment.

Today the customer is fully satisfied with the results, and is pushing other companies in the group to pursue the same path.