

# Application Success Stories

## Garden Furniture Production



Improved application

More stability in Quality

Powder saving

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## Installation Key Data

**Parts:** Garden Furniture

**Part dimensions:** H 2.000 mm  
W 1.000 mm

**Conveyor speed:** 1,2 m/min

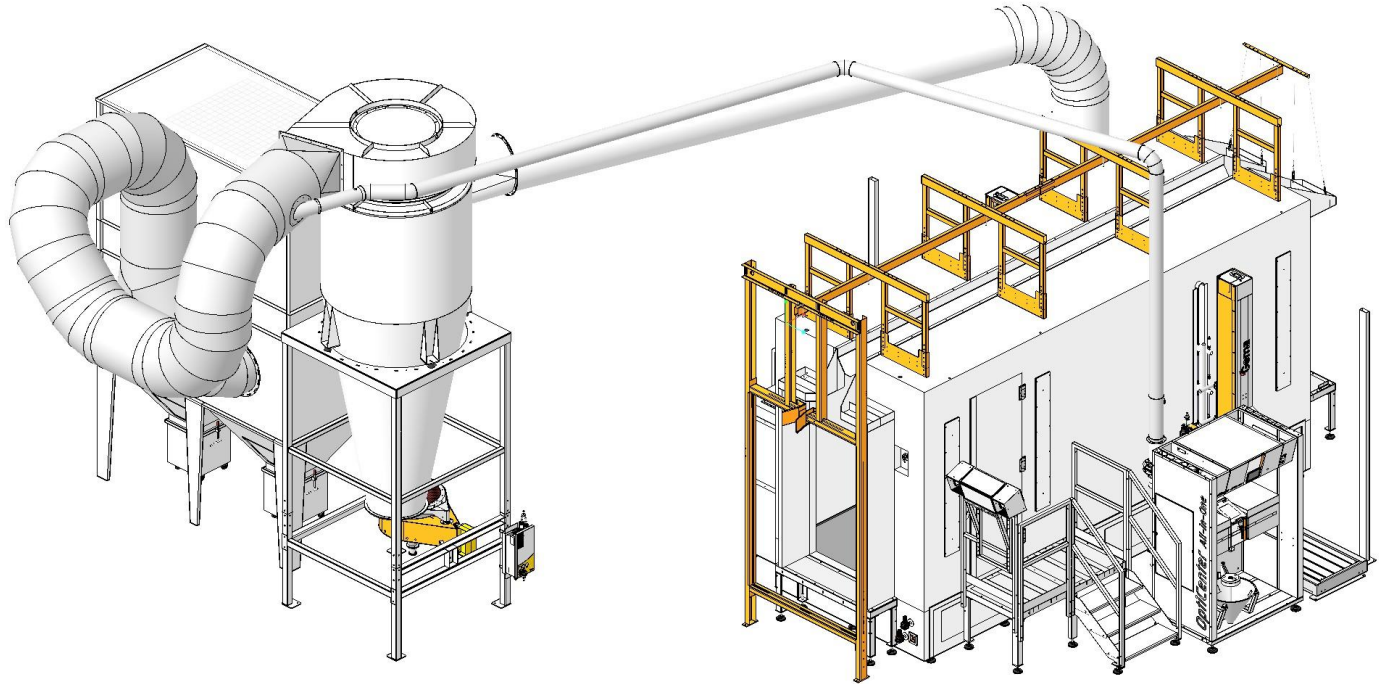
**Scope of delivery:**

- 1 x MagicCompact® EquiFlow® BA04
- 1 x Cyclone with high-efficiency, powder recovery 90-95%
- 1 x Cartridge Filter for 24.000 m<sup>3</sup>/h
- 1 x MagicControl 4.0 (CM40) with integrated "Industry 4.0"
- 2 x Reciprocator ZA07-18
- 1 x OptiCenter® All-in-One OC06:
  - 8 x OptiGun® GA04 Automatic guns
  - 2 x OptiSelect® GM04 Manual guns
  - 8 x OptiStar All-in-One® (CG22-C) - Control for guns
  - 10 x OptiFlow Injector IG08



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## Layout



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Emu Group Spa, an Italian company leader in garden furniture, is present with growing success throughout the world thanks to the comfort and elegance of its products, rich in strong design content, which translate into harmony of shapes and recognizable identity of its collections, made of steel and aluminum, in combination with technological and innovative materials. EMU carries out and controls all stages of production in its Marsciano plant and in this context has decided to replace the old application system with a new system. The new booth designed for rapid color changes has



been equipped with the innovative OptiCenter All-In-One OC06 powder center, the first system that combines electrostatic control and powder transport via high-density venturi technology in a single unit. The work carried out by Gema Europe has allowed the transition from an old Venturi technology to the MagicCompact series booth system, with all the latest innovations, equipment and technologies for rapid color changes, including compliance with the regulations related to industry 4.0 and the most recent directive 5.0. The objectives of the installation were very clear: improve the coating, increase the quality of the finish,



reduce the consumption of powders; all this was achieved in a very short time, immediately after the appropriate training of the personnel in charge of the coating booth. After a few weeks of work, a substantial difference in the application was immediately noticed, especially in the stability in quality and from the beginning there was a significant reduction in the consumption of the powder used.