

# Application Success Stories

## **ANSOVA Staalcoating** **Industrial solution for steel construction**



Just-in-time production

Increase of capacity

Top automation

# Application Success Stories

## Installation Key Data

**Parts:** Heavy oversize steel parts

**Parts size:**  
H 3'000 mm  
W 1'500 mm  
L 25'000 mm

**Conveyor speed:** 3.5 m/min

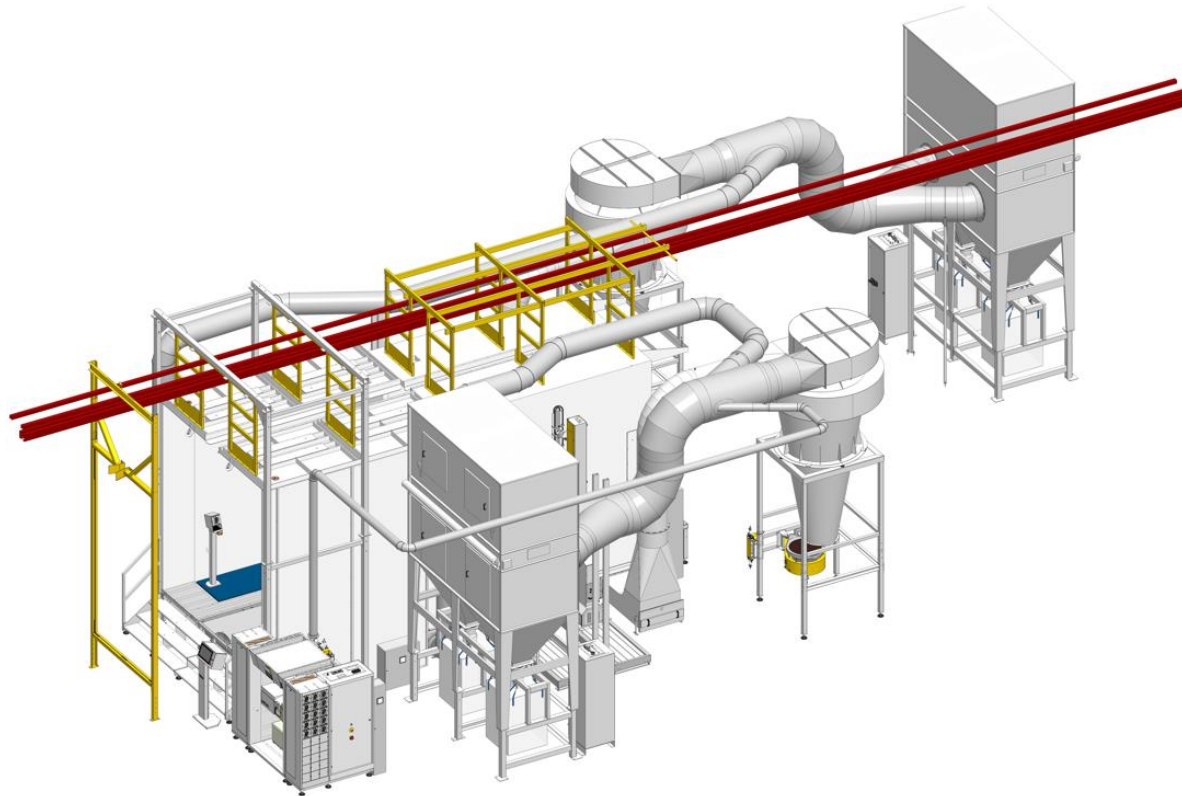
**Scope of delivery of 2 identical lines each with:**

- 1 x OptiFlex® AS06 / 36G
- 32 x OptiGun® GA03-P automatic guns
- 4 x OptiSelect® Pro GM04 manual guns
- 4 x ZA07 / XT10 axis
- 1 x ICS04 / MagicControl 4.0 (CM40) control system
- 1 x OptiCenter® OC07
- 1 x MagicCompact® EquiFlow® BA04-XL color change booth



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## Layout



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Minimize consumption, maximize production  
To achieve both environmental and economic benefits, the powder coating process must be improved. This was the thought of Jan-Bart van Merksteijn. This year 2023 he launched his new company Ansova. Ready to put this idea into practice (powder coating small to large steel structures, distribution halls, large-scale retail and non-residential projects).

Van Merksteijn knows from experience that there is much to be gained, for example by improving logistics to produce more in the same amount of time.



"Many production lines get stuck when processing complex constructions. To avoid this, we have doubled our hanging system. As a result, production speed remains constant and our production line is suitable for large as well as smaller and more complex objects. Our production speed is 33% faster than what we know from the market. In addition, we have increased the crossbars by 20% so that the maximum height is 3 meters instead of 2.5 meters."



"We want to be the most sustainable and efficient powder coater," says Van Merksteijn. "Powder coating is a more sustainable solution than wet painting anyway. Powder coating requires about 60% material, without solvents or chemical waste. Thanks to new technologies, in combination with our own ideas, we can reduce this consumption by another 25% per m<sup>2</sup>. An important contribution to this is provided by the latest application technology from Gema Switzerland."