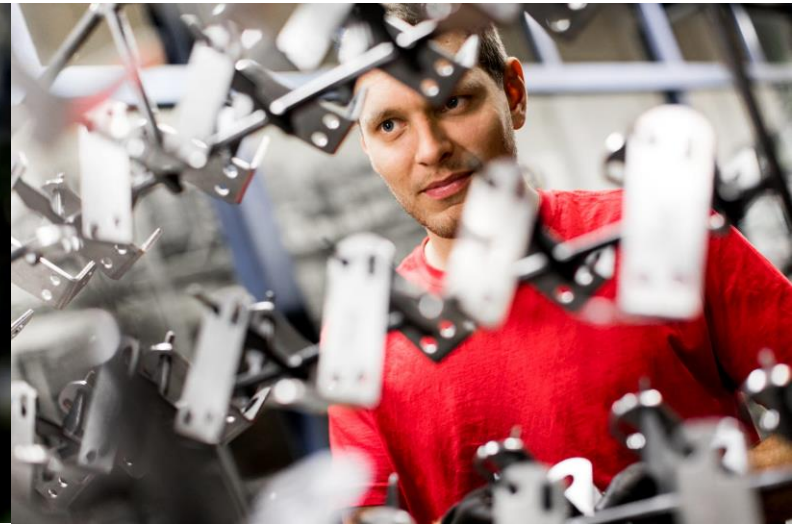


Application Success Stories

PROTON finishing Job Coater

 **PROTON GROUP**

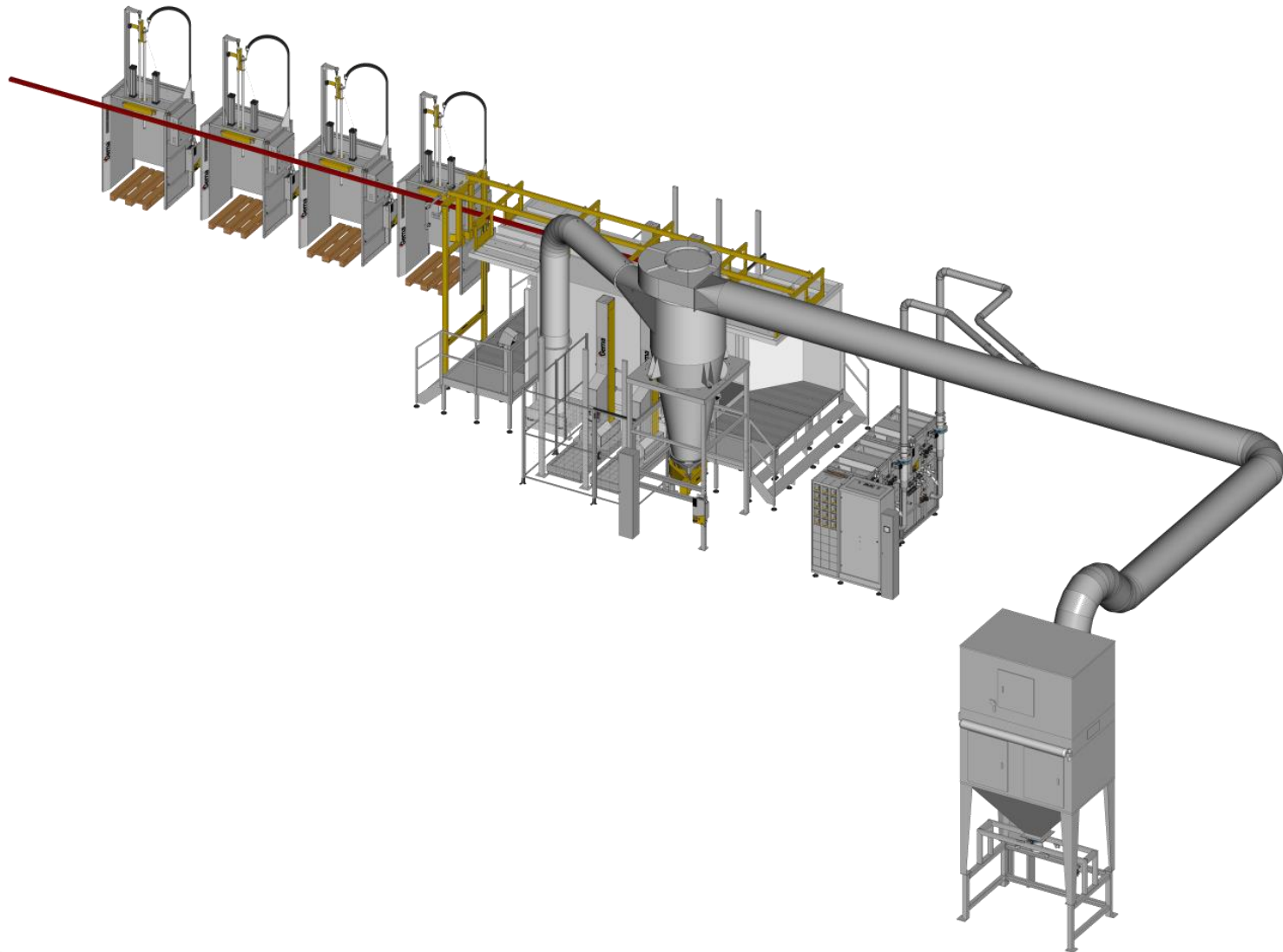


Capacity increase

Time saving

Flexibility

Application Success Stories



Application Success Stories

Installation Key Data

Parts:

Various, Job Coating

Parts size:

H 1'500 mm

W 850 mm

L 900 mm

Conveyor speed:

V 2.5 m/min

Scope of delivery:

1 x OptiFlex AS06 / 26P

26 x OptiGun GA03P-1700 automatic gun w. switching device
(Super Fast Color Change Kit)

2 x OptiSelect®2 GM03 manual gun

4 x ZA07-13 reciprocator with XT10

1 x Control system ICS04/CM-30 MagicControl

2 x OptiCenter OC03 with 52 x application pump AP01

1 x MagicCompact EquiFlow booth system

4 x FPS 16-1 BigBag fresh powder system



Application Success Stories



Proton Finishing is one of leading suppliers in surface treatment for the automotive, construction and engineering industries. With five plants in Sweden they offer cutting-edge overall solutions with additional services such as product development, installation and logistics. The main goal is to achieve long-term growth and profitability by supplying products and services of the highest quality and with the best logistics flow for the customer.

To achieve these goals, Proton decided in 2015 to change from tribo technology to electrostatic powder coating. The main reason was to



increase the capacity and to fulfil the short lead times, requested by their customers. The first time Proton got in contact with electrostatic powder coating was 2016 when doing trials in the Gema laboratory in St. Gallen. Being doubtfully concerning the coating quality, especially in corners and edges, the professionals from Sweden found out, that the electrostatic technology worked much better than expected.

The tests convinced Proton to go for the Gema solution, mainly because of the OptiCenter and the application pumps AP01. In combination with the MagicCompact EquiFlow system



and four Big bag fresh powder systems they also opted for the "Super Fast Color Change Kit". This device changes the powder hose at each gun fully automatically during the color change process. The system is not only reducing the time of color changing, it's also improving the cleanliness of the surrounding.

After a brief time, the coaters at Proton achieved a color change time within 4 to 5 minutes only and are today very happy about the easy handling of the new installation by Gema!

Application Success Stories



Application Success Stories

