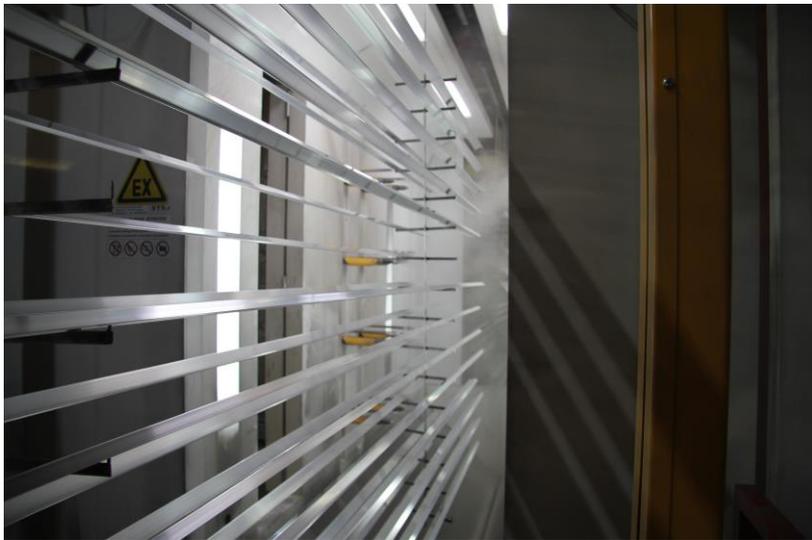


# Application Success Stories

## Retrofit with new Gema application pump AP01 for advanced coating performance



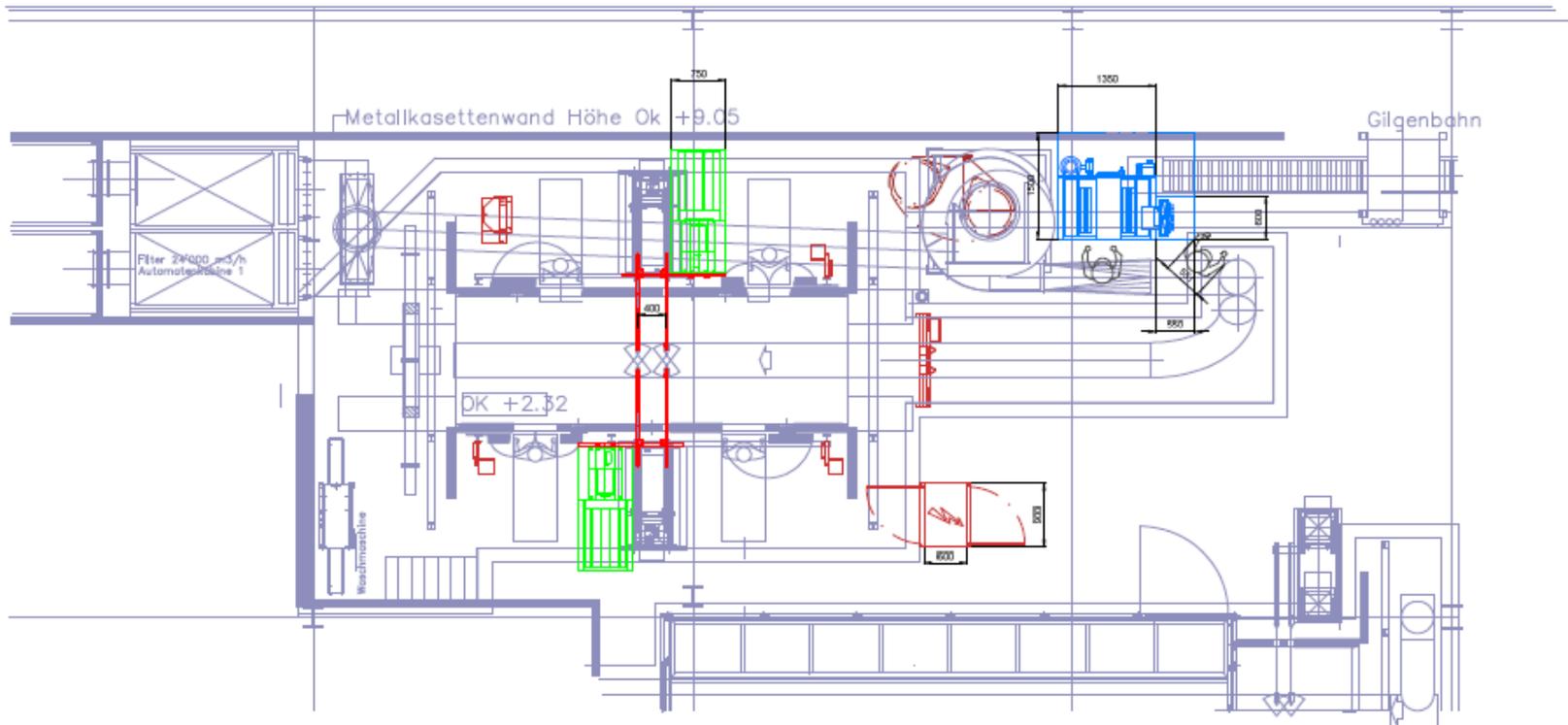
Quick Color Change

Powder Savings

Reproducible layer  
thickness

# Application Success Stories

## Layout



# Application Success Stories

## Installation Key Data

Parts: Aluminum Profiles (Job Coating)

Parts Size:

H = 2'300 mm

W = 800 mm

L = 7'200 mm

Conveyor Speed: 2.0 m/min

Scope of Delivery:

1x OptiFlex AS05

16 x OptiGun GA03 with 4 SuperCorona

4x OptiSelect GM03

1x OptiCenter OC03 with 20 OptiSpray AP01

2x Reciprocators

1x Powder Pump PP06



# Application Success Stories



## Company Profile:

Ramseier is a Swiss family-owned company and one of the leading job coater in central Europe. The company is well-known as an inventor and user of advanced technologies such as DDF pumps and the Speed King color change system. Ramseier is specialized in coating of aluminum profiles and facade elements as well as industrial steel parts. Multiple color changes are required within the 2-shift operation.

## Customer expectations

Ramseier wanted to replace the existing DDF-pumps in order to increase the overall application performance and achieve constant, reproducible coating results. An increased first pass transfer efficiency was expected to reduce the overspray powder, especially in the spray to waste operation. The dependence on highly qualified people for the maintenance and the cost should be reduced drastically. The plant up grade had to be done within 3 days.



## Final result using the Gema AP01 technology:

The existing electrostatic unit and the old powder center were replaced by the newest Gema automatic generation incl. the new application pump OptiSpray AP01. After 2 months of operation Ramseier recognizes that the entire coating process has improved significantly with regard to efficiency, flexibility and repeatability of coating results. Color change time was reduced from 10 to 7 min. Maintenance time and costs were reduced by 50%.