

Application Success Stories

Retrofit an Aluminum Vertical Line



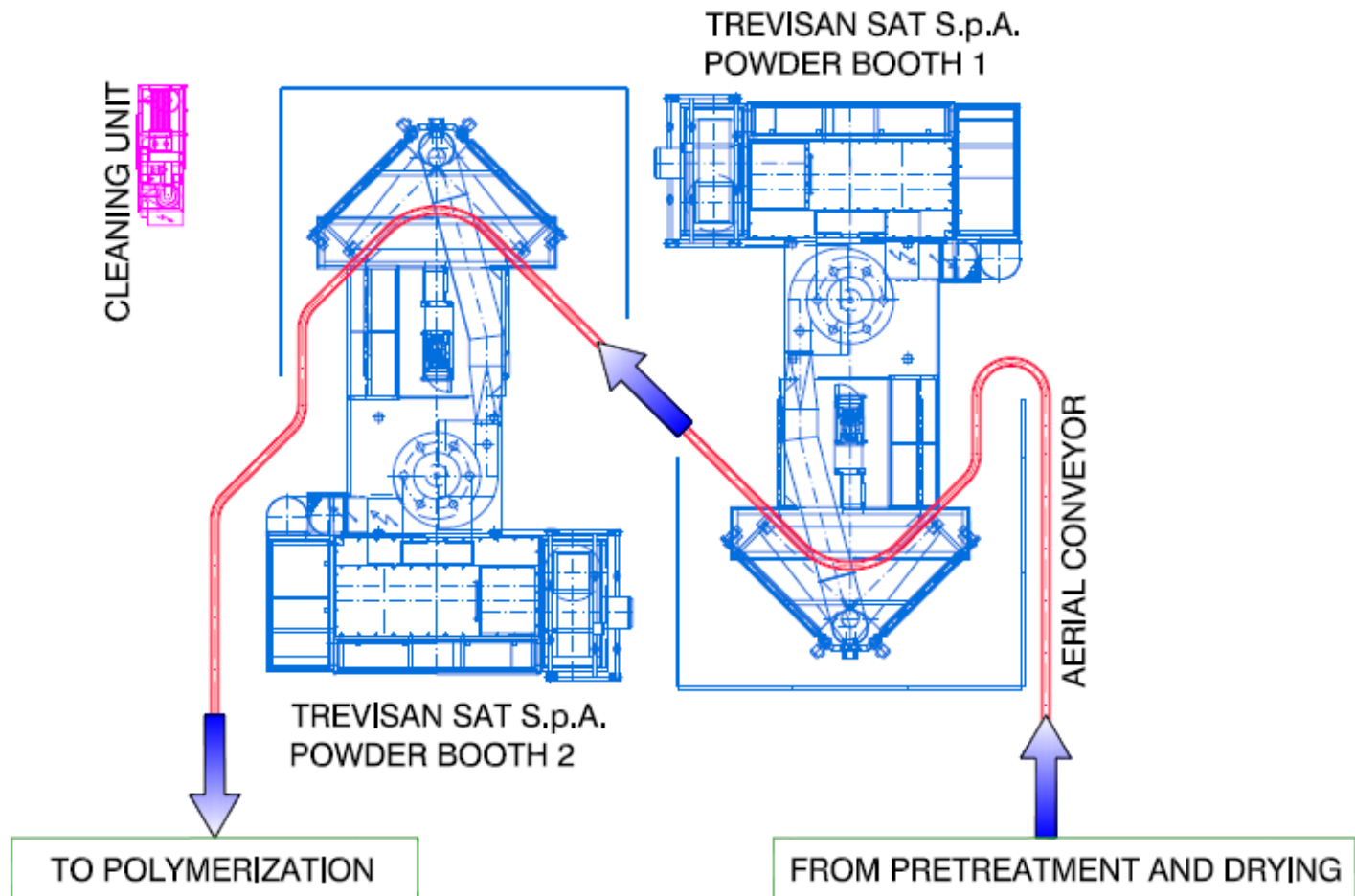
Waste powder
reduction

Powder savings

Production increase

Application Success Stories

Layout



Application Success Stories

Installation Key Data

Parts: Aluminum profiles

Parts Sizes:

H = 7'500 mm

W = 200 mm

Conveyor Speed:

Average: 1,35 m/min

Scope of supply:

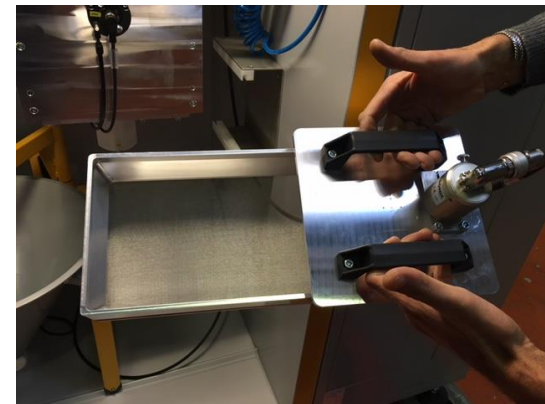
1x OptiFlex Automatic AS06

26x OptiGun GA03-AX

1x OptiCenter OC02 with US06

1x MagicControl CM30

2x OptiFeed PP06 pump for recovery



Application Success Stories



EXTRUIDOS DEL ALUMINIO S.A. (EXTRUAL) manufactures and sells aluminum profiles for numerous application to the industrial and architecture markets. Their modern and highly automated plant allows them to have one of the most complete portfolio of standard and custom made products. With more than 25 years of experience and a focus on innovation, quality and service they are a key player in the local market.

Extrual is using Gema products since their beginning. To keep up with changed market requirements, they continuously modernized their line. In 2004 a state of the art V-shaped booth as well as new application and powder handling technology was installed to address the need for more frequent color changes. Analysis conducted 2016 showed the necessity to improve the process stability and efficiency. The OptiCenter helped to significantly improve

the quality and reduce the time of a color change. Having the ability to easily create and use individual coating programs for each profile type allowed them to run the line at high speed all the time, resulting in increased productivity. Due to optimized coating programs and the latest generation application technology – GA03 and CG08 with PCC-mode, a 17% powder saving was achieved.