

Application Success Stories

BEST QUALITY AND ULTRA QUICK COLOR CHANGES



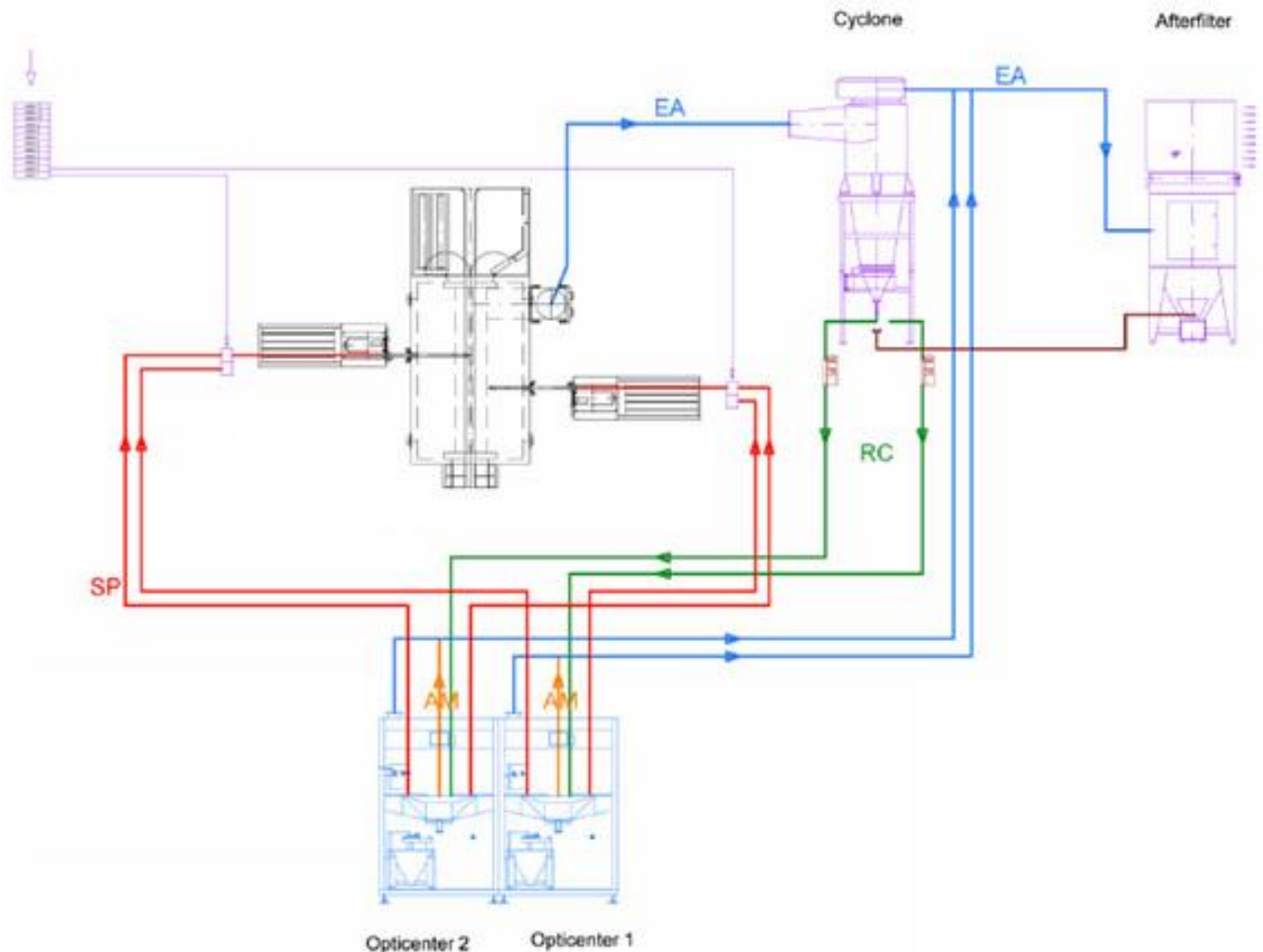
90 COLOR
CHANGES PER DAY

TIME AND POWDER
SAVINGS

BEST QUALITY &
PRODUCTIVITY

Application Success Stories

Layout



Application Success Stories

Installation Key Data

Parts : Various Aluminum parts sizes

Powder types:

- all

Scope of Delivery

2 x MagicCompact EquiFlow automatic booth (16'000 & 20'000m³/h)

2 x OptiFlex AS06

24 x Auto gun GA03-P-1100

2 x Manual gun GM03

52 x Pump OptiSpray AP01

2 x MagicControl CM30

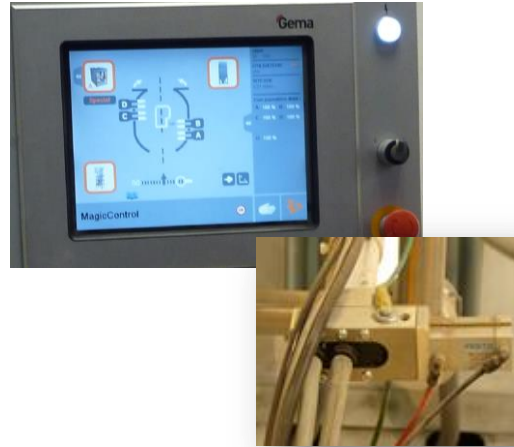
4 x OptiCenter OC03-24/13 "special"

4 x Reciprocator ZA07-28 + Sliding XT10-08 table

Application Success Stories



FAC is a French well-known aluminum profiles' job coater, which vertical lines are equipped with Gema's automatic guns. In 2015, it contacted us and our main competitors to for 2 new powder lines, dedicated to very small series and profiles particularly difficult to paint. Special goal for these new lines: Changing color in 6mn maximum. In order to win the order, our Suisse engineers adapted the existing MultiColor Switch to customer's needs. So finally, we installed 2 MagicEquiFlow auto. booths, each equipped with 2 Opticenter powder centers. Operating progress (powder in waste).



- End of a series on the booth:
- Beginning of booth cleaning
 - Blowing of all the guns (outside and inside). Powder goes directly into the after filter
 - Switch automatically the powder hoses on the back of guns from the Opticenter A to the powder hoses from the Opticenter B
 - Begin the coating thanks to the color already prepared on Opticenter B
 - Cleaning of the Opticenter A during the Opticenter B is working
 - When Opticenter A is ready with a new color, the customer can repeat the procedure at the beginning.



1 year after the start up, benefits are obvious:

Quality: The pump technology offers a better coating quality than injectors

Powder Savings: Between 40% (for smallest series) to 60% of powder recycled - 212gr applied vs 250gr before - less powder wastes = less costs elimination

Ergonomics: It's easier for the planer to organize color changes

Ergonomics: only 1 operator per booth. Work is more comfortable (less powder containers to lift) and more rewarding. The booth environment is cleaner thank to the OptiCenter's sealed powder circuit.