

# Application Success Stories

**New powder management system for great results:  
powder savings, major improvements**



Significant powder savings



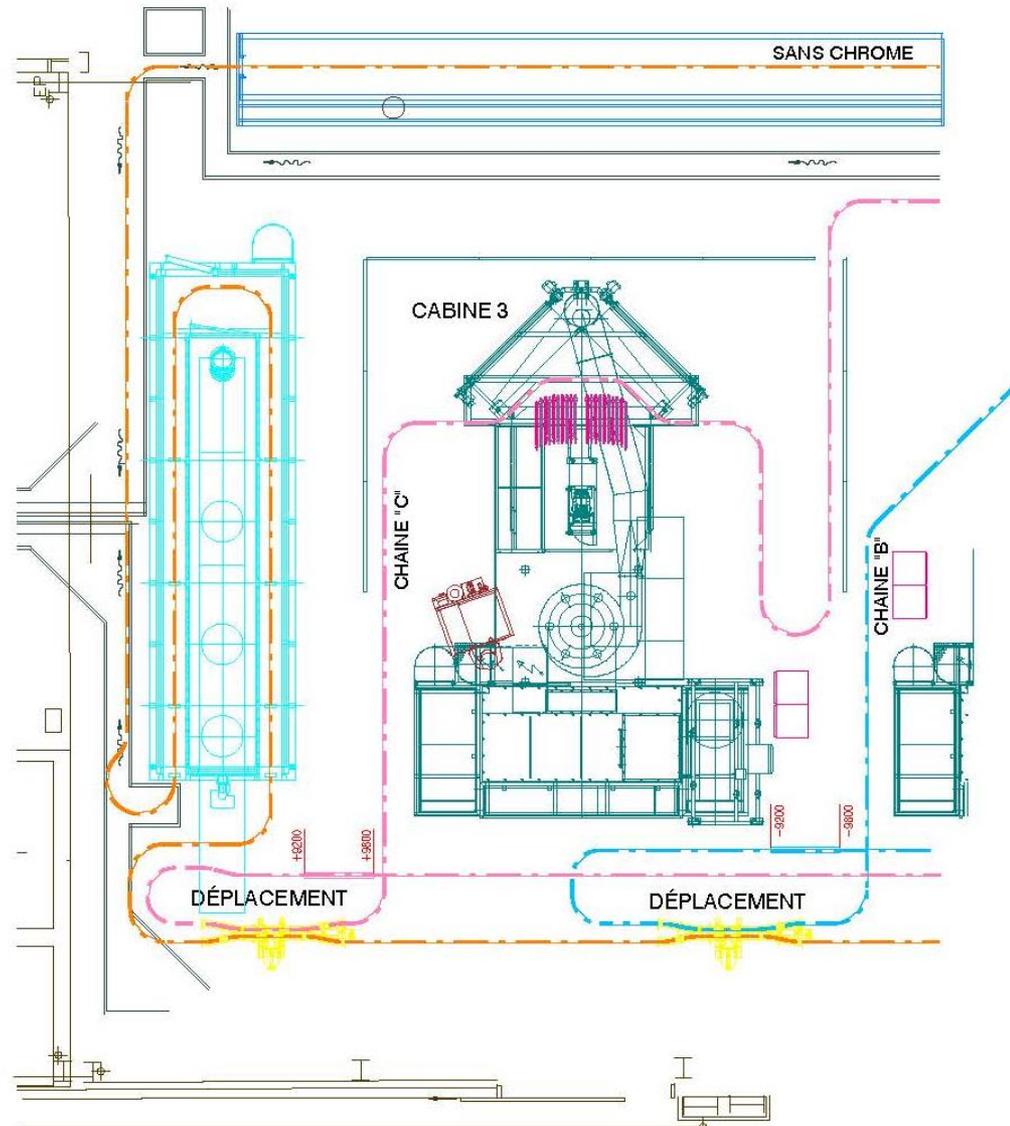
Quicker Color Change



Better work environment

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## Layout



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## Installation Key Data

Parts: aluminum profiles

Parts Size:

L: 7000mm max

Scope of Delivery

2 x Powder Center OptiCenter OC02

1 x Pump system PP06



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After expanding the plant in 2007 with the adding of a new vertical chain with 20 Gema automatic OptiGun AX, FAC's decision maker decided in 2012 to invest in a new powder management system. FAC, trusted partner of Gema was already equipped with 2 PZ, an older powder management system by Gema. Always looking for improvements and innovations, they show some interest for the last Gema innovation : the OptiCenter, Presented in Gema's headquarter to FAC and other customers, this growing interest will be confirmed.

Indeed, with 4600 aluminum profiles produced per day and an important annual tonnage, powder savings due to the OptiCenter can be huge. It's a considerable challenge.

For that reason, Gema and FAC decide to make a life-size test with the installation of one OptiCenter in August 2012 instead of the former PZ. Stated objectives: significant powder savings, reducing the quantity of powder applied. This test was a complete success and the first OptiCenter delivery will be followed by a second one, in January 2013.



This test made over several months was satisfying : significant powder savings and a "coating record" with the lowest powder consumption. The customer also noticed a quicker color change. With a considerable number of color changes per day, it's an interesting gain of productivity with the possibility to even coat more profiles. Additionally the work environment is fully ergonomic and user friendly. Result: in addition to significant powder savings, OptiCenter technology ensures a quicker color change and significant improvements on the work environment.