

Application Success Stories

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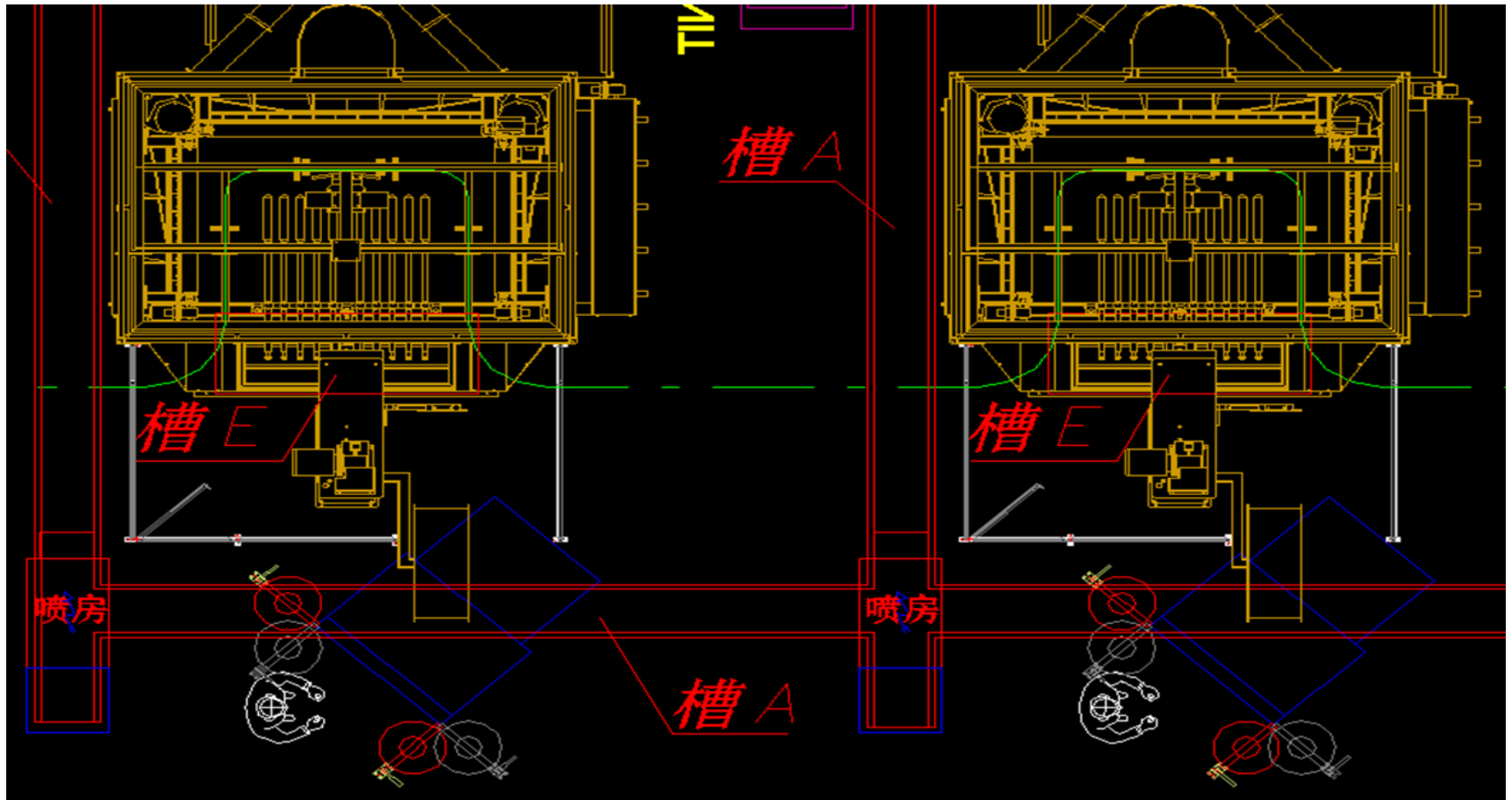
Improve Capacity
提高产量

Reduced Powder
Consumption
粉耗低

Surface Quality
提高喷涂质量

Application Success Stories

Layout



Application Success Stories

Installation Key Data

Parts: Aluminum Profile

Parts Size: H 6'500 mm
W 200 mm

Line Speed: up to 3.5 m/min

Description:

4 x OptiFlex AS02
40 x OptiGun GA02
2 x OptiCenter OC02

Installation: 2013 (Retrofit)



Application Success Stories

Retrofit with Gema



Old Line by Coatings



Old Line by Coatings

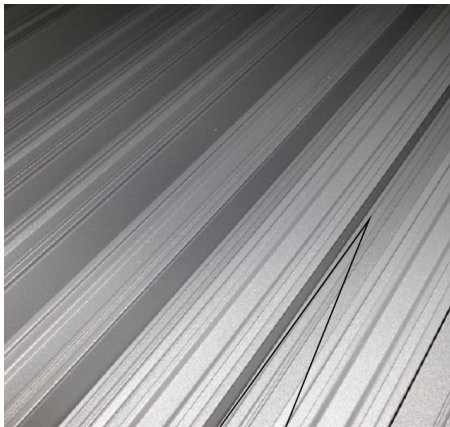


Coatings: Even with highest output 100g/min, still can not match the thickness requirement

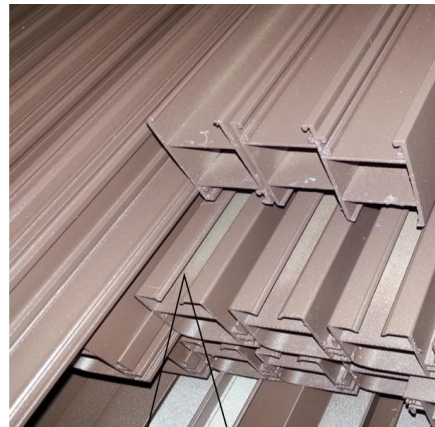
Retrofit with Gema



With small output but with good surface quality



Even layer thickness



Inside was not coated by powder

Customer has more than 140 Gema guns and one old vertical line from "Coatings". This line was retrofitted with Gema equipment.

Results:

- Increased production capacity:
Gema line conveyor speed 3.5m/min
Coatings old line speed 2.5 m/min
- Rework ratio: Coatings 5-7%
Gema 1-2%
- Powder consumption: With GEMA = 2 kg powder savings for 1 ton of coated aluminum
- Breakdown ratio : reduced by 50% with GEMA application