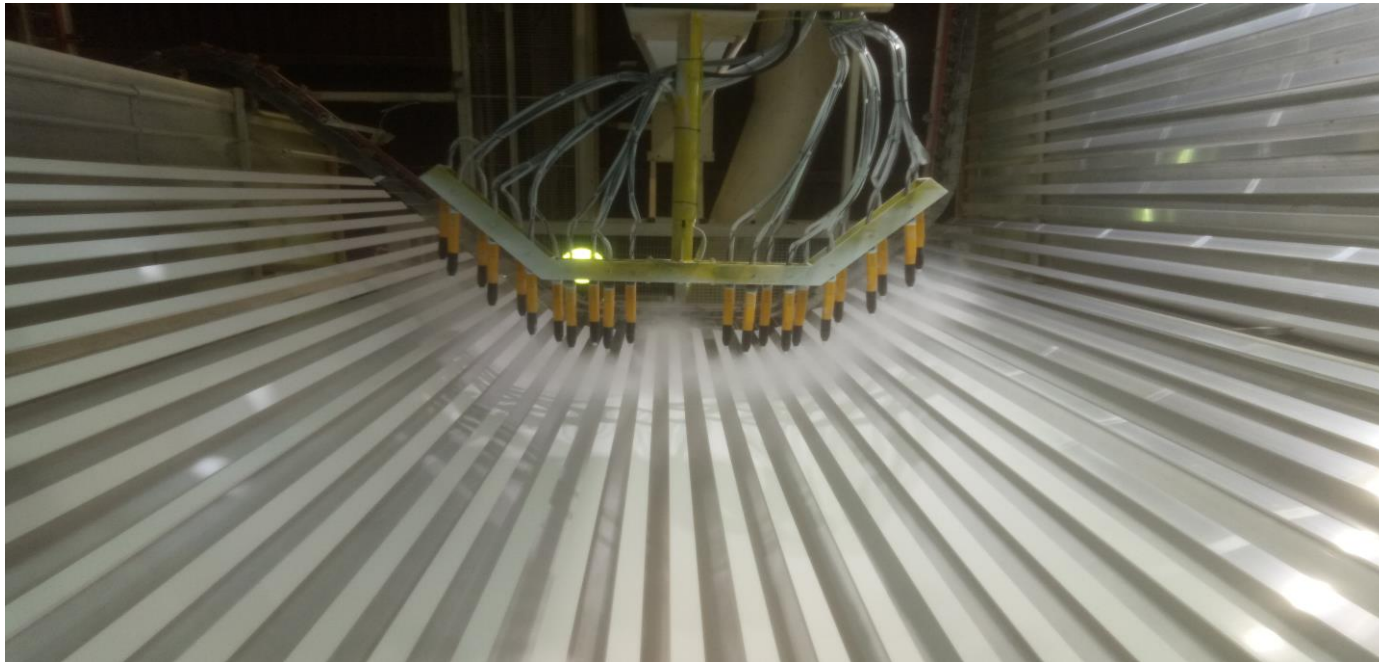


# Application Success Stories

## Retrofit on Aluminum Vertical Line



Increase of production

Powder savings

Reduce reject rate

# Application Success Stories

## Installation Key Data

**Parts:** Aluminum profiles

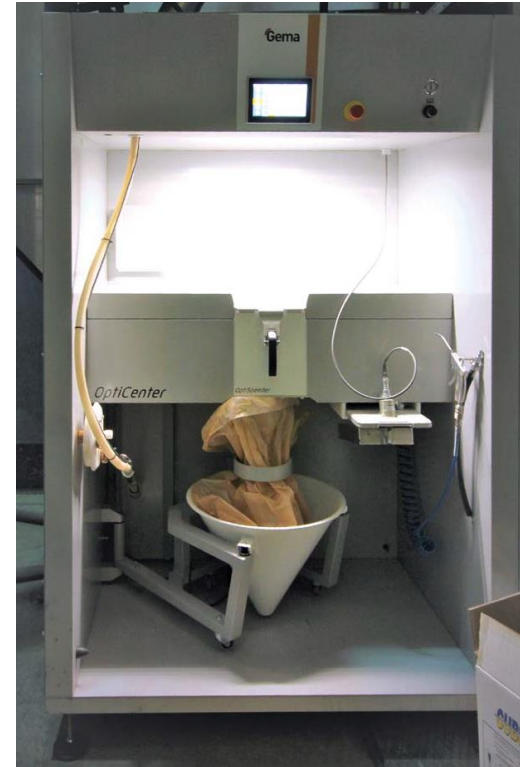
**Parts Sizes:** H = 7'500 mm  
W = 200 mm

**Conveyor Speed:**

Regular speed: 1,50 m/min

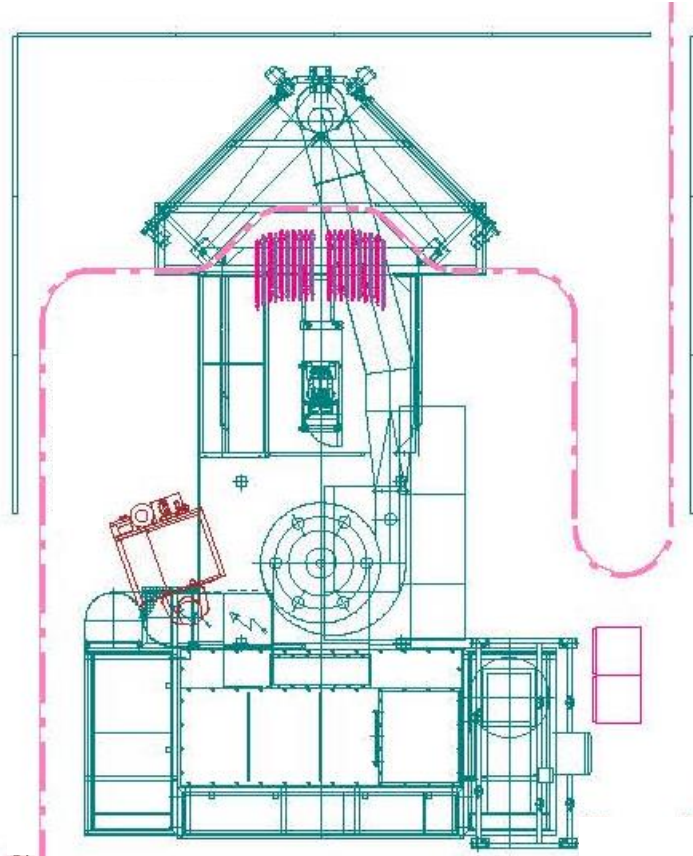
**Scope of supply:**

OptiFlex® Automatic AS06-20G  
with 20x OptiGun® GA03-P and 20x OptiSpray AP01  
1x OptiCenter® OC07 with Ultrasonic Sieve US06  
1x MagicControl 4.0 (CM40)  
1x OptiFeed PP06 for recovery powder

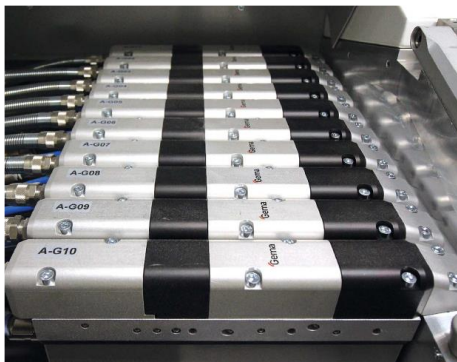


# Application Success Stories

## Layout



# Application Success Stories



## Company

The company was founded in Valencia in 1968 as a family business.

Only in 1992 they started with the aluminum business acquiring a extrusion line, a powder coating system and also an anodizing plant. Nowadays 50% of their aluminum production is oriented to architectural market and the other 50% to industrial products.



## Increase the line speed without reducing the quality?

That was one of their main concerns. Typically, trying to keep a constant line speed some of the difficult profiles were scrapped mainly because of the lack of penetration. The only possible solution was to reduce the line speed sometimes down to 1.0 m/min. After installing the new system and thanks to the constant powder output of the OptiSpray AP01 pumps combined

with the PCC powder charging control now they are running constantly at 1.5 m/min during the whole production. Therefore, the production has been increased and the reject rate minimized.

According to their records they also reduced their powder consumption in g/m<sup>2</sup> and the waste powder ratio due to the automatic switch between waste mode and recovery mode in the OptiCenter OC07.