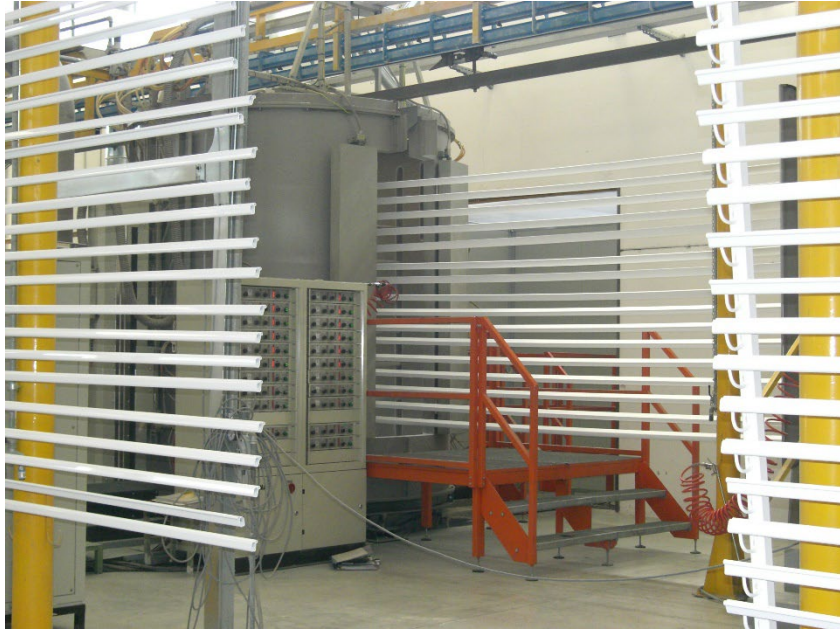


Application Success Stories

New life for a MagicCylinder Booth



Quick color change in
less than 8 - 10 min.

Flexibility & powder saving

Quality & performance
improve

ALLWOOD/ITALY

Parts: Aluminum profile

Parts size:

H 2'500 mm

W 700 mm

Conveyor speed: 2,5 m/min

Scope of delivery:

1x MagicControl 4.0 + light barrier

1x OptiCenter[®] OC08 + ultrasonic sieve US07

14x OptiGun[®] GA03-X automatic guns

1x OptiFeed 4.0 pump for recovery

1x OptiFeed 4.0 pump for filter emptying



Application Success Stories



The company was founded in 1970 thanks to the experience gained by its founder, Clemente Nardi, in the field of anodic oxidation. Initially with the oxidation plant alone, it has been able to evolve over the years according to the ever-increasing needs of the market, but always having as a constant reference its mission: Highest aesthetic quality, duration of treatments, accurate control of manufacturing processes. In 1993 the oxidation activity was flanked by powder coating that allows to propose aluminum with new surface finishes and realize, therefore, any color on demand, starting from the RAL color scale but with glossy, matte, peeled or wrinkled shades. In 2002, then the range of colors is enriched thanks to the new submicromia system and therefore to the wood effect, i.e. decorations that add to the already known qualities of aluminum, the aesthetic ones typical of wood essences. In 2005 the company joined the CSID consortium (Consortium for the development of Industrial design) which



aims to stimulate and promote the development of applied research from the design, realization, commercial, environmental point of view of new concepts of objects, accessories, lines or furnishing accessories mainly made of metals of any alloy. In 2007 the company strengthened its powder coating activity with a new horizontal plant in a new headquarters in Colonnella (TE), thus optimizing the various production dynamics depending on the different finishes and guaranteeing its customers maximum flexibility and fast and reliable service. Currently, thanks to the seriousness and competence demonstrated in over fifty years of activity, ALLWOOD represents an important reference point for all users of aluminum and ferrous metals, managing to serve various sectors such as construction, interior and exterior furniture, lighting, electronics, mechanics, up to the most innovative ones such as automotive and photovoltaic. At the beginning of 2022, the application and powder coating technologies were updated. The reason was to meet the



increasingly high-quality standards of customers and increase the economic efficiency of the coating. With the new Gema application, ALLWOOD has also taken a step towards Industry 4.0. The MagicControl 4.0 supervision module, records and stores all application data, which can be retrieved at any time for exact reproducibility. This helps to ensure that quality management is even more accurate. The OptiCenter OC08 powder center is equipped with 14 latest generation OptiFlow IG07 injectors, that ensure precise and optimal powder dispensing, so ALLWOOD guarantees consistently high coating quality for its first-class products. With the inclusion of Gema's latest powder application technology, the old MagicCylinder booth, made in 2007, is like it's back new, allowing for identical application results to those you would have with a completely new system. This shows that ALLWOOD, years ago and especially now, has made a future-proof investment.