

Application Success Stories



Dynamic contour detection
with laser scanner

Highest coating quality with
dense phase technology

Best coating penetration and
reduced manual touch up

Application Success Stories

Installation Key Data

Parts: Cabinets and furniture

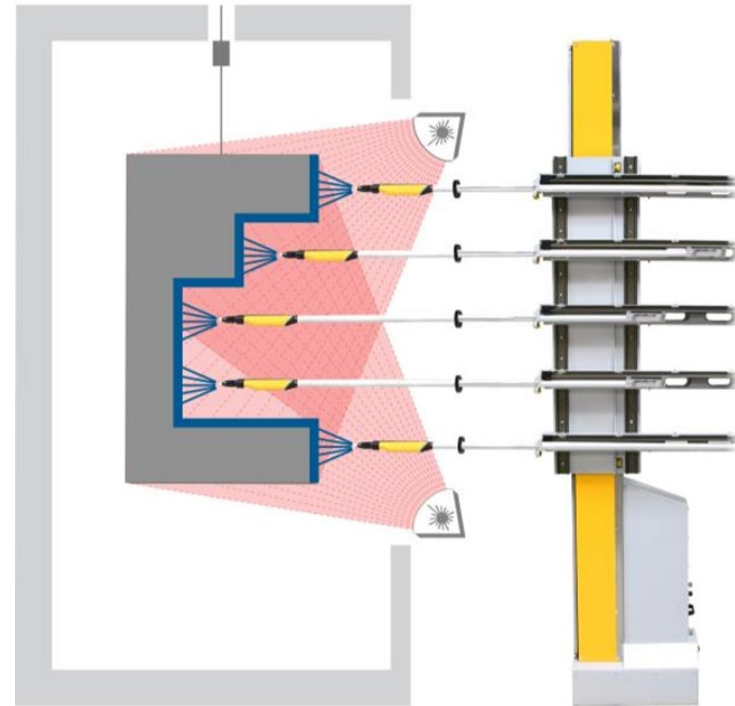
Parts Sizes:

H	2.000 mm
W	800 mm

Conveyor Speed: 2,0 m/min

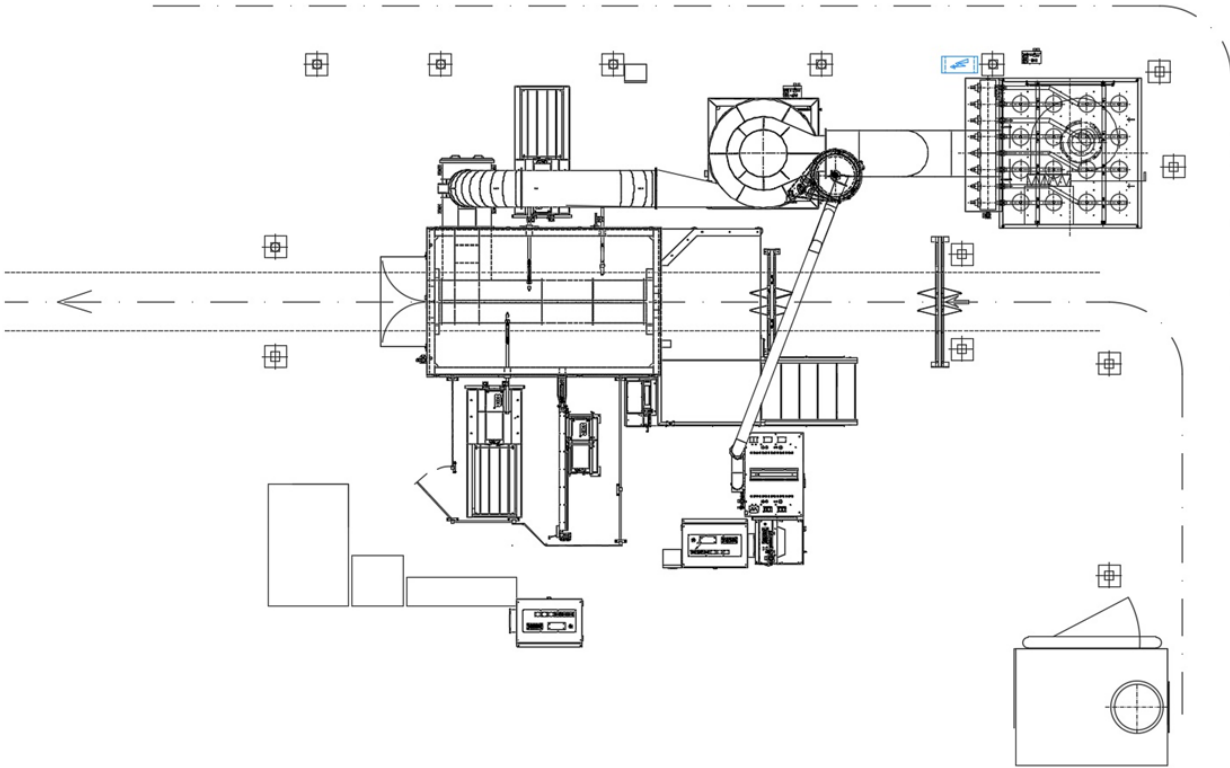
Scope of delivery:

- 1 x MagicCompact® EquiFlow® BA04 booth
- 1 x Filter for 16.000 Nm³/h
- 2 x Reciprocator ZA07-18 + XT10
- 1 x Reciprocator ZA15/23 + 6 infeed axis UA04
- 1 x MagicControl 4.0 CM40 + Light Barrier
- 2 x Laser scanner for Dynamic contour detection
- 1 x OptiCenter® OC05 + Sieve PS07
- 1 x OptiFlex® AS08-16 with:
 - 16 x Pump OptiSpray AP01
 - 15 x Automatic Guns OptiGun® GA03-P
 - 1 x Manual Gun OptiSelect® GM03-P



Application Success Stories

Layout



Application Success Stories



In 1961 the company **Huni Italiana** was founded by the Huni family, who was able to lead the company in harmony and to succeed with a corporate culture that involves everything and everyone in a unique constant improvement process. Parallel to the expansion of existing buildings, the product plants have been continuously upgraded and manufacturing processes have been optimized, both in terms of technological improvement and attention to the environment, thus following the trends of the national and international markets. Each production step is constantly



monitored and documented in order to offer modern products and a flexible service-oriented sales structure. In 2018 **Huni Italiana** decided to replace the old coating line with the latest technologies available. The partnership between Huni and Gema led to the installation in 2019 of a completely new system equipped with innovative technologies made by Gema. **OptiSpray AP01** pump with **SIT** Smart Inline Technology and the brand-new **dynamic contour detection** system, to increase the quality and performance of the



coating process. Since the first days it has been noticed a drastic reduction in the need to manually retouch the painted pieces. The better penetration and the best quality surface led to a high level of the whole production line. After months of coating with the new system the **quality of the parts has increased** a lot and the reject rate is now significantly reduced. Moreover, no less important, the consumption of powder has decreased substantially which yields to a quick return on investment.