Application Success Stories

Dr. Oette Maschinenbauteile e.K.
Machine components

Automatization

Time savings

Capacity improvement

Application Success Stories

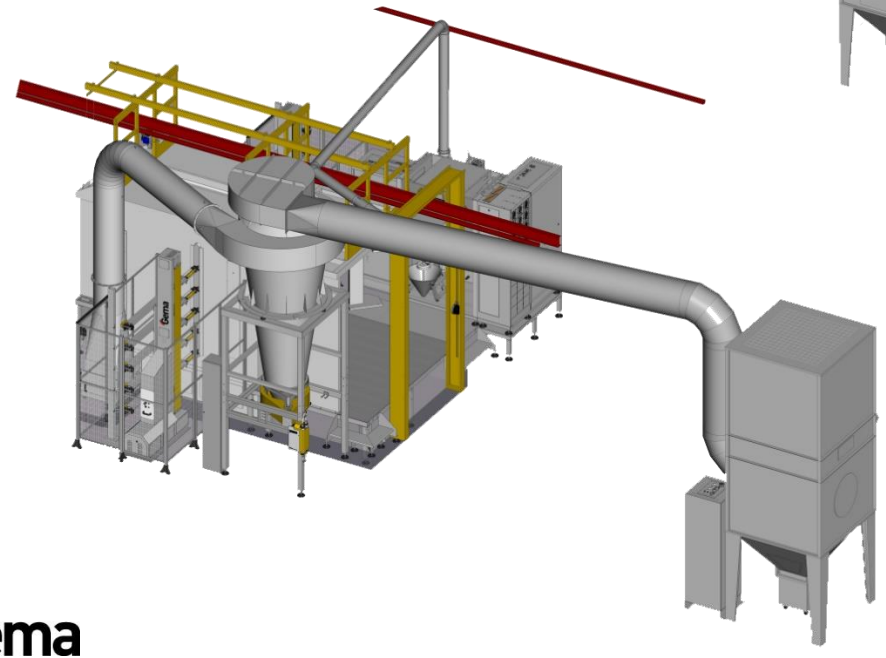
Installation Key Data

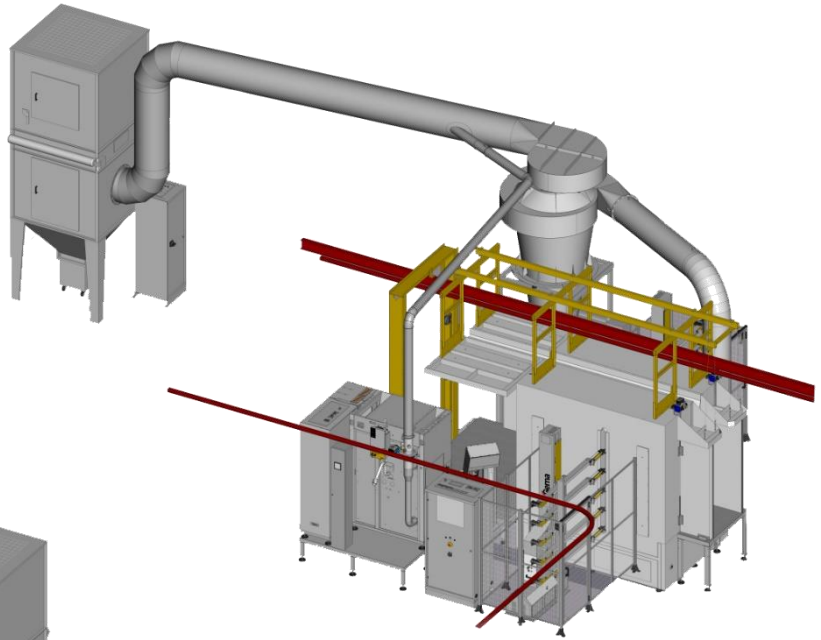
Parts: Machine components
Parts size: H 1’500 mm
W 800 mm
L 4’000 mm
Conveyor speed: v 2,5 m/min

Scope of delivery:
1 x MagicCompact® EquiFlow® BA04
1 x OptiFlex® AS06-11 P
10 x OptiGun® GA03-P automatic gun
1 x OptiSelect® Pro GM04 manual gun
1 x OptiCenter® OC07 mit 11 x OptiSpray AP01.1 application pump
1 x MagicControl 4.0 (CM40) control unit with GemaConnect Dashboard
2 x Reciprocator ZA16-18 / XT10-10 incl. Laser scanner with dynamic contour detection and UA05 gun axis
1 x OptiFeed PP06 pump for fresh powder

Application Success Stories

Layout





Application Success Stories

Founded in 1994, Dr. Oette Maschinenbauteile e.K. has very successfully established itself on the market as a system provider for metal and sheet metal processing. Customers from a wide range of industries benefit from the competence and quality of the diverse product range, which is individually tailored to customer needs. Companies from the mechanical engineering, special machinery, machine tools, printing machinery, textile machinery, vehicle construction and power engineering sectors count on the expertise of Dr. Oette and its high vertical range of manufacture. Short delivery times, high quality and a high degree of flexibility are a matter of course for Dr. Oette.

Powder hand coating could no longer meet these demands. At the same time, the increasing shortage of skilled workers made it more difficult to meet the company's own quality requirements. A flexible, automated, and process-reliable solution was sought to replace the old manual coating system.

During trials with Gema, U-axes with laser detection proved to be the best solution. These can precisely detect the extensive range of parts and the chaotic arrangement on the product carriers, and optimally position the powder guns. With the application pumps, the highest level of quality is achieved with all powder coatings. With the new automatic system from Gema, Dr. Oette has achieved the desired automation, massively expanded capacities, and achieved significant time savings in the coating process.