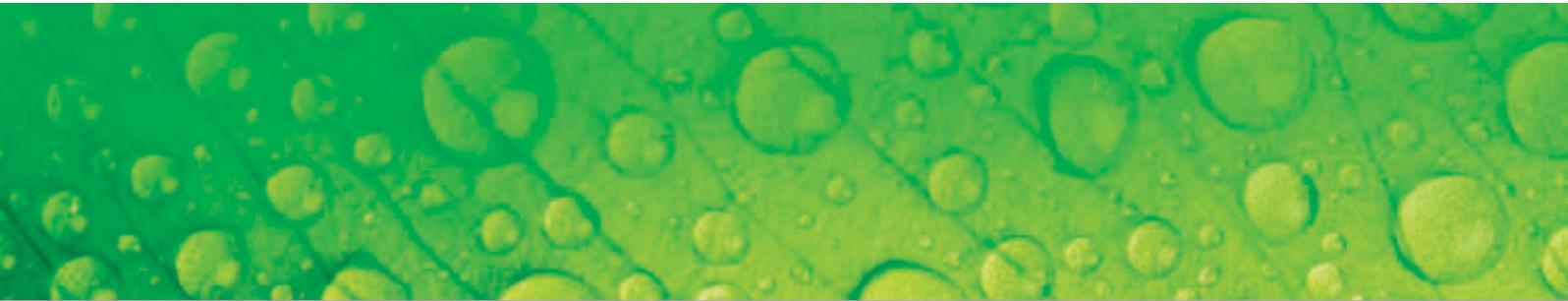


**EISENMANN**



**SURFACE FINISHING  
PAINT TECHNOLOGY  
MATERIAL FLOW AUTOMATION  
ENVIRONMENTAL TECHNOLOGY**



## EISENMANN – YOUR PARTNER FOR SURFACE FINISHING

Our name is synonymous with comprehensive systems competence, top quality and reliability. Our products set standards and revolutionary technological advances.

We employ approximately 3,700 people worldwide with more than 1,700 in Germany. Of these, roughly 800 are engaged in engineering.

Eisenmann is developing and combining individual processes to form an overall process solution from a single source, tailored to encompass all the customer's specific requirements.

Our systems are extensively optimized with regard to production costs, quality and sustainability.

To this end, we combine the knowledge of our individual divisions and utilize the synergistic results.

### **Complete paint finishing systems from one source**

Eisenmann offers complete solutions for modern surface finishing:

- priming
- powder-coating
- spray-coating
- dip-coating
- material flow systems
- environmental technology

As a general contractor, Eisenmann provides top-quality turnkey solutions for high efficiency, enhanced flexibility and continuous availability at low maintenance.

AS A LEADING INTERNATIONAL SUPPLIER OF SYSTEMS FOR SURFACE FINISHING TECHNOLOGY, ENVIRONMENTAL ENGINEERING, MATERIAL FLOW AUTOMATION AND HIGH-TEMPERATURE TECHNOLOGY, WE OFFER OUR CUSTOMERS A LEADING EDGE BASED ON SOPHISTICATED PLANTS, INDIVIDUAL SOLUTIONS AND GLOBAL SERVICE.



*Electrophoretic dip coating is supremely suited to prevent corrosion, and can be used in mass production as well as for single-size lots.*



## SURFACE FINISHING

A perfect design, safe functioning and superior surface quality make a successful product. They are the result of excellent engineering and a paint shop that meets the highest standards.

We are here to develop the systems and the technology for you to achieve these results. All in one, for all parts of the painting process. Independent of the fact if you are using waterbased paint or powder.

We deliver everything from pretreatment to dryers, curing ovens, wet-spray and powder-spray booths to cathodic and anodic electrophoretic coating. All this, of course, with an optimized material flow and state of the art process technology.

As a general contractor, we plan, project and manufacture your entire paint center as a turnkey project. We take care of the legal requirements, support you in obtaining the necessary permits, and train your employees in the operation and maintenance of the system. Our after sales service is always available to you, based on your own customized service package.

Environmental protection is part of the deal: Our engineers believe in emission free processes and methods that save energy and water. Only when the limits are being exceeded do we integrate our systems for exhaust air purification, wastewater treatment and residue disposal. This enables you to save valuable resources and reduces your operating costs.



*Inverted power & free-system.*

In many parts of the industry, i.e. in the manufacture of radiators, lamps, automotive fittings, white goods or painting systems for car wheels, Eisenmann is recognized as the leading systems supplier. However, not only for metal parts; Eisenmann has also built various renowned systems for plastics parts like bumpers, mirror housings, front ends, fittings and electronics cabinets.

With more than 250 installed paint systems for plastics, with the largest located in Europe, we are the world market leader in this sector of the industry.



*Plastics paint line.*



## MATERIAL FLOW AUTOMATION

Painting is an important step in the manufacturing process, and should be integrated into production in flexible fashion. Upstream and downstream processes are directly linked to it, and the flow of information remains uninterrupted. In-house logistics require intelligent concepts, future-oriented conveyor systems and flawless process technology.

Eisenmann has the complete program in-house, and can therefore recommend the best solution for your individual need: destination-controlled power & free conveyors or electric monorails, skid conveyor technology or carousel conveyors, underfloor conveyors or roller conveyors, spindle conveyors, slat conveyors, etc. Each conveyor system has specific benefits, which in combination with other systems often leads to an enhanced performance.

In this regard, Eisenmann has numerous complex references setting the standard for the flexible and efficient integration of the painting step into the manufacturing process. This includes the separation of the material flow of the painting and curing process, separate buffer conveyors, system-independent storage technology or shuttle concepts. All of these processes are linked by automatic transfer or handling devices.



*Complex power & free conveyor system with numerous pick-up stations, interim storage and process destinations in the automotive industry.*



*Powder coating line with power & free conveyor for forklift components.*



## ENVIRONMENTAL TECHNOLOGY

A safe environment and modern production do not need to exclude one another. To the contrary: they go hand in hand. How can it be done? With the help of sophisticated engineering, where the manufacturing process is designed to work in concert with ecological principles. Here too, Eisenmann offers a wide array of customized solutions for your specific needs. From exhaust air purification to wastewater treatment to resource recycling, ultrapure water and energy recovery.

Huge benefits for you: You profit twice – from our special know-how in the field of environmental technology and from our extensive engineering competence in the field of manufacturing and process technology. Right from the start, our systems are designed to prevent the generation of bothersome emissions and residues. Or, we make sure that the processing heat from one part of the system flows back into another in the form of energy.

This is Eisenmann's holistic approach. A perfect match between economics and ecology. Ensuring that your customers are more than happy with your product while you don't have to worry about polluting the environment.

### The program:

- Thermal and adsorptive exhaust air purification systems
- Water treatment
- Wastewater treatment
- Wastewater decontamination
- Residue utilization
- Thermal waste disposal
- Resource recycling



*Eisenmann exhaust air purification.*

# EISENMANN

Eisenmann Anlagenbau GmbH & Co. KG  
Tübinger Str. 81, 71032 Böblingen, Germany  
Phone +49 7031 78-0, Fax +49 7031 78-1000

[www.eisenmann.com](http://www.eisenmann.com)

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