



POWDER ENAMELLING

KNOW-HOW AND TECHNOLOGY FOR ALL THE APPLICATIONS / PRODUCTS

- Millions of parts are worldwide daily powder enamelled using WAGNER technology. A result reached thanks to a thirty years activity in the enamelling market.
- The continuous investments in the research and development of new applications and recovery systems as well as software control, allowed WAGNER to become a leader in the powder enamelling market.

WAGNER Company structure has the aim to create a business partnership and co-operation with the Customer.

- offering solution
- improving quality,
- saving costs
- growing the system productivity

Project development

Due to the different geometries of the products to be powder enamelled and to the customizing of the product finishing, a 'face to face' approach with the Customer is a key and necessary factor.

Our engineering department is structured to meet the requirements of each installation finding the best solutions possible for our Customers in terms of lay out, technical projects and studies in order to get a high productivity reducing manual operations as much as possible.



Engineering

Three labs to test and value the best solution for the Customer in the engineering phase are available in Valmadrera (Italy), Markdorf (Germany) and Chicago (USA).

Thanks to them stable results and industrial reproducibility are granted keeping anyway always in mind that **each project has its own history and each Customer has his own needs**

On this way WAGNER grant the industrial reproducibility and constant on the results obtained in the lab.

High performance during the time

Distinctive features of WAGNER are the different solutions in the application systems, engineering and know-how as well as its technical staff:

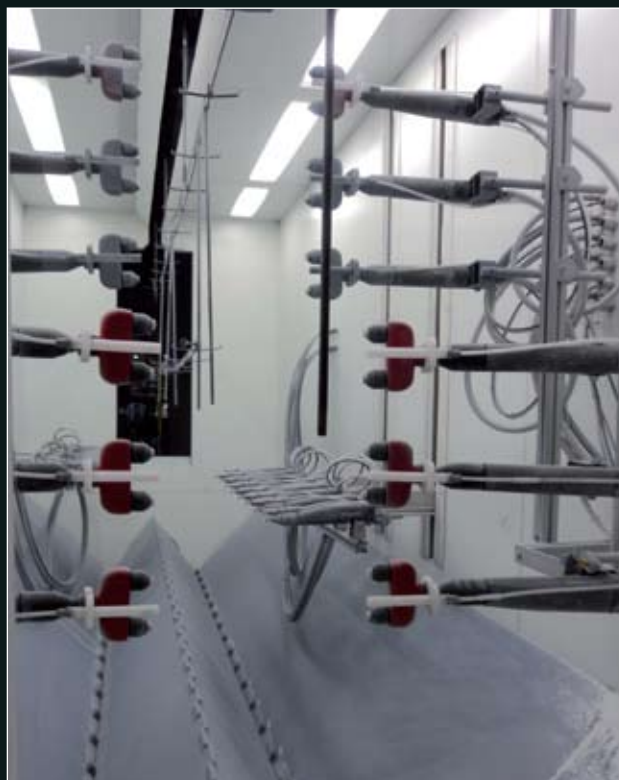
- Qualified technicians available to meet the Customer before the installation to better know the product and its functionality
- Training before the installation in WAGNER labs or directly by the Customer
- After-sales service: scheduled maintenance contracts on a yearly base or according to customer needs
- Assistance thanks to the local presence of our service points in many areas of the world and the remote assistance.



ENAMELING LOOP POWDER: COSTS SAVING

The optimization and the shortening of the powder circuit allow continuous improvements in the aspiration and recovery system.

The use of materials of last generation ensures a simple functionality and a long-lasting constant enamelling quality in conformity with all current norms/regulations and environmental requirements to reduce the impact of the production processes .



POWDER SAVING

Technological innovations to get unique performances:

- Balanced powder aspiration
- Soft application
- Sandwich spray booth to avoid powder dispersion and total overspray recovery
- PVC Sandwich booth: no enamel adhesion. Less powder in the cycle
- Max. efficiency of Sinterlamella cartridge filtering system
- Best mixing powder/recovered powder.

ENAMELING APPLICATION CONTROL: QUALITY

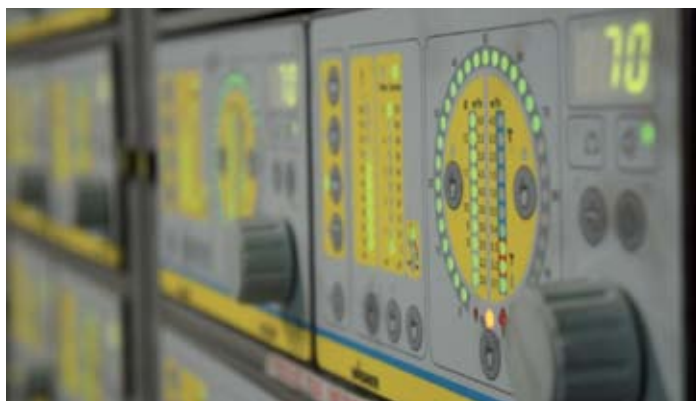
Stable industrial results thanks to WAGNER experience:

- Short circuit for powder dispensing
- Easy and direct powder recovery: no stressed powder
- Software Automation: programs application recipe
- Applicative control with digital proportional valves
- Pea C4 spray guns for each kind of product
- Wide range of different nozzles for any use.

CHANGING COLOR TECHNOLOGY: FLEXIBILITY

WAGNER offers flexibility and quick operation in enamelling colour change:

- Dedicated powder circuit for each colour
- Converter system to shift from one colour to another (40 minutes)
- Final filter separated from the booth
- Integrated feeding container
- 100% recovery system for each colour.





DEDICATED APPLICATION IN DOMESTIC APPLIANCE

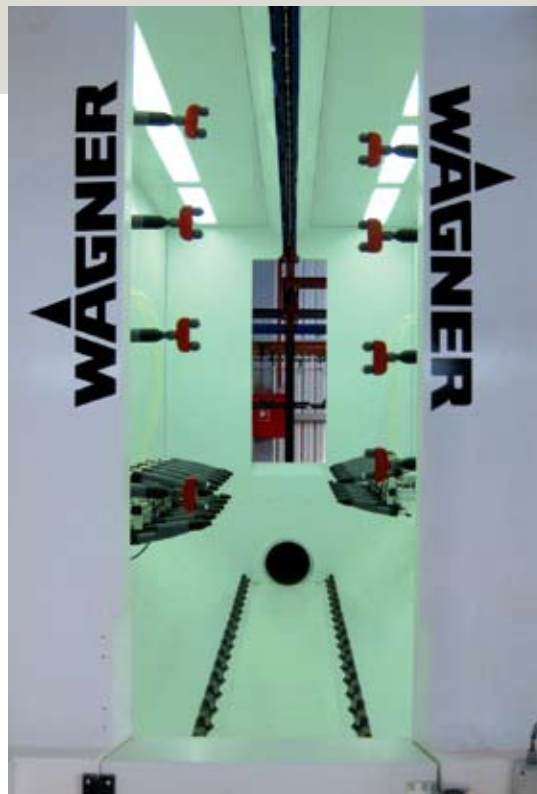
- 1 Boiler.
- 2 Cavity.
- 3 Flat panel.
- 4 Vertical and horizontal grids application.
- 5 Heating exchange.



STRONG DESIGN: SIMPLICITY

A WAGNER specialized staff is at disposal to meet all Customer needs and find not standardized industrial solutions which can ensure a customized product. WAGNER is at the complete disposal of its Customer to offer a complete service and assistance since the beginning and throughout the whole production thanks to its technical experience arising from the installation of thousand of systems which allowed a quality and productivity improvement as well as a costs saving.

- Easy operations
- Long life and constancy in the performance
- Quality
- Automation
- Safety
- Environment respect



On the edge of technology.



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