CONSTRUCTION OF PLANTS FOR POWDER AND LIQUID PAINT COATING
“Plant engineering is our passion. We develop, design and construct individual solutions for our customers with our JUMBO-COAT® and FLEX-i-COAT powder and liquid paint coating plants. We would be pleased to convince you too with our Swabian solutions. Challenge us. We look forward to your inquiry.”

Ulrich Meeh, Managing Director

Experimentation and forward thinking have always accompanied the activities of Ulrich Meeh and even his hobby, the restoration of vintage cars, is a life elixir to him. More than a dozen “treasures” are among his collection, which he lavishly restores, maintains and moves around. Swabian solutions for powder and liquid paint coating plants have become his passion and vocation. Inspired by his hobby, he always has new ideas, which he combines with his expert knowledge. This combination ensures the great success of his coating plants. He is never satisfied with his achievements. He even built up his own contract powder-coating company so that he could continuously improve and further develop his plant and equipment. It allows him to make long-term tests under practical conditions. These tests help to improve production methods, as well as the quality and performance of the products.
Thanks to this twin-track strategy, the MEEH brand sets high standards throughout the entire sector.

To be among the best in coating plant construction is Ulrich Meeh’s motivation and driving force. He sees himself and his team as the partners of his customers in the development of suitable solutions – from design to successful commissioning. Close cooperation always has top priority.

The high acceptance of MEEH products and their worldwide success are the reward for the great commitment of the MEEH team, which currently comprises a workforce of approximately 60. Their qualifications are above average and they identify themselves with their company.

The next generation is ready and waiting, a good sign for the healthy progress of the company in the future.

The illustration shows Ulrich and Dorothea Meeh with their two sons, Michael and Felix.
The organization of the MEEH company focuses clearly on teamwork. The tasks involved in order processing, project planning, construction and materials management are handled and coordinated in efficient and target-oriented small groups. The process interfaces are reduced to a minimum. Customers always have a competent contact person in the company who accompanies them from the first consultation all the way through to commissioning.
PERFECT INTERPLAY

Company and production management

Administration

Company and production management
Quality “Made by MEEH” stands for trustful cooperation right from the beginning. MEEH offers test coating of the original parts in advance in its in-house contract-coating plant. All processing stages, such as pre-treatment, coating and stoving behaviour, can be tested in practice.

Advance test runs make sure that the customer will be satisfied. All innovations and continuous improvements of the plant technology are adequately tested before being put into operation on the customer’s premises, and the operating personnel receive thorough instructions and training.

Video of the JUMBO-COAT® plant
The advantage of MEEH technology is its modular design. It allows individual adjustment to the space available on site. In this way, practically all customer requirements can be met without any expensive and time-consuming modifications.

JUMBO-COAT® plants can be extended, supplemented or modernized cost efficiently at any time.
FLEX-i-COAT PLANT CONSTRUCTION

Booths for degreasing, rinsing and dripping off; outside (on the left) and inside view (on the right)
The FLEX-i-COAT system was developed to satisfy the demand for compact, space- and energy-saving powder-coating and painting plants. The different plant modules are selected according to the customers' requirements and tailored to their needs. This provides a high level of flexibility in the plant design and realization. FLEX-i-COAT plants allow the pre-treatment and powder or liquid-paint coating of aluminium, steel and galvanized steel, as well as many different coating methods.
SPECIAL PLANT CONSTRUCTION

Cyclone booths

Mystic cubus plastic booth with cyclone

Air supply devices

Powder changing centre

Cyclone booth

Big-Bag station
Booths with filter trolleys

Many customers make use of the optional recovery of powder from oversprays. MEEH offers solutions here for both the manual and automatic modes. The customer benefits from cost savings because the powder consumption and the amount of waste powder are reduced at the same time.

MEEH delivers cyclone and compact booths in plastic, galvanized steel and stainless steel.

For automatic powder-coating booths, MEEH recommends a central powder supply from a “powder kitchen”, because it ensures a fast and efficient change of colours.
IN-HOUSE MANUFACTURING AND FINAL ASSEMBLY

Laser cutting

Grinding

Cutting

Plastic welding

Bending

Fitting

Welding

Fitting
IN-HOUSE MANUFACTURING AND FINAL ASSEMBLY

Assembly on site

Worldwide shipping
OUR RANGE OF SERVICES

- Professional assembly by qualified MEEH fitters
- Handover of the plant ready for operation
- Instruction of operators. For instance, MEEH offers practical training courses for customers’ operating staff in its in-house contract-coating factory. By doing so, MEEH ensures a successful start up of operations on customer’s premises
- Modification of existing plants
- Maintenance and upkeep
- Accident prevention tests (without test badge, no insurance cover)
- Furnace measurements
- Repairs

Aftersales services such as assembly, maintenance and repair are decisive for customer satisfaction.
Sample reference from our customer: Kramer surface finishing centre

The new construction of the surface finishing centre was a decisive step into the future in the company history of KRAMER Stahltechnik. It improved and enhanced the service range of the Swabian company, which is based in the German town of Singen. Junior executive Sven Kramer, an experienced painting and coating specialist, points out the way to progress with new surface finishing options.

The company will focus additionally on the processing of particularly large workpieces in the future. Demands have increased in recent years and we have taken this development into account with our new surface finishing centre. Thanks to the new workshop with an area of 2,000 m², Kramer can now process particularly large and heavy workpieces up to a length of 9.5 m, a width of 2.7 m and a height of 3.8 m, and finish these parts with the customary high-grade processes. A little more weight is no problem either: up to 4 tons can be handled by our rail system and up to 6 tons by the forklift.

We also paid particular attention to safety and environmental aspects when installing our surface finishing centre. Thanks to state-of-the-art technology by MEEH, Kramer can produce results of the highest quality and ensure the protection of health and environment.

“Our JUMBO-COAT® plant has been in operation since May 2008 with great success and we are planning to install another plant for even greater workpiece sizes and loading capacities,” says Roland Kramer.

Additional references (News) at www.jumbo-coat.de