



GALATEK®



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- CONTINUOUS LINES
- SURFACE TREATMENT PLANTS
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COMPANY PROFILE



Over the past 35 years since its foundation, GALATEK a.s. has undergone a very dynamic and successful development from a company focusing purely on engineering and consulting services to becoming one of Europe's leading manufacturers and suppliers of paint shops. It is a recognised and prosperous company with a strong and stable team of professionals, in-house production capacities and a development centre.

The company's strategy is mainly focused on the quality and completeness of supplies, including related services, and above all, the constant development and integration of the latest technologies that contribute to the development of the surface treatment industry.

Thousands of successfully completed equipment deliveries all over the world have proved our ability to meet the needs of our customers, even with the highest demands. Customer satisfaction and trust are one of the main goals of the company, leading to the expansion of the range of customers interested in GALATEK services.

Ing. Martin Mokroš, MBA

Chairman of the Board of Directors of GALATEK a.s.



It has been many years since the company was founded. The path GALATEK has followed has not always been easy. We had to adapt to economic changes, technological progress, and ever-increasing competition. Thanks to our experience, our ability to adapt, our investment in modern technology and, above all, the people who form the heart of our company, we have built up a rich history over the last 35 years of which we can be justly proud. This is proven by thousands of references in the Czech Republic and abroad.

The demands of our customers drive us forward. Their satisfaction is our greatest reward, and long-term cooperation is our commitment and motivation. We would like to thank our customers, as well as our business partners, who have helped us implement various unique projects, both in terms of technology and scope.

I believe that we are on solid foundations and are ready for the future. The world is changing, with new technologies, new challenges in sustainability and efficiency. Our entire team is committed not only to keeping up with the changing environment but also to leading the innovations and providing the best possible solutions for our customers.

Together, I believe we have many more successful years ahead of us.

Josef Kocián

Managing Director of GALATEK a.s.

COMPANY FOUNDING AND DEVELOPMENT

GALATEK was founded in 1990 as a general partnership. Since its establishment, it has focused on providing services in the field of surface treatment technologies and equipment. In the very beginning, the company mainly provided consulting and engineering services. Later, based on business results and customer requirements, the company began to handle projects comprehensively, including manufacturing, assembly and maintenance services. An important milestone in the company's history was in 2012, when a research and development facility was built, enabling the company to become more focused on deliveries in the field of automatic painting.

OUR OFFER

The basic aim of the company is to supply complete surface treatment plants, paint shops and lines tailored to the customer and as a complete turnkey job. In particular:

- Booths and coating lines for liquid and powder coating
- Robotic paint shops
- Surface pretreatment equipment
- Drying and curing ovens
- Transport and handling technology
- Application technology
- Special single-purpose painting machines
- Complete process control and supervision systems

SPECIFICATION OF ACTIVITIES

The great advantage of our company is a stable team of highly experienced employees with long-term experience in the field. Our team guarantees the level of activities, which include:

- Selection and verification of the technological process
- Preparation of project documentation, including its approval
- Ensuring all legislative steps necessary for building permits
- Development and design of the equipment
- Production and assembly of the equipment
- Training of operators and maintenance staff
- Comprehensive commercial and technical services with guaranteed service and technological consulting
- Service and customer care during the lifecycle of the delivered equipment

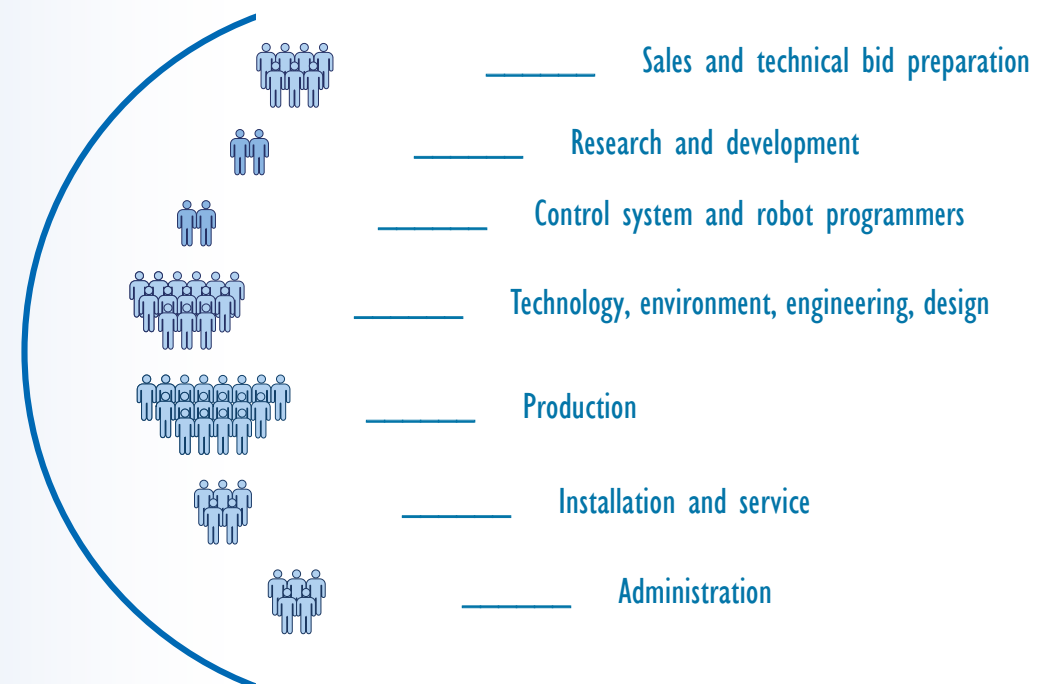
QUALITY CERTIFICATES

The tradition of quality certificates has been long-standing since 1999, when the company was awarded its first certification. Since then, it has been regularly renewed and has been kept up-to-date by continuous development and improvement of internal processes.



EMPLOYEE STRUCTURE

The employment level is constantly around 100 employees, and not only are we expanding our ranks with young and qualified professionals, but the employees are continuously trained and their skills are increased by participating in professional courses and trade fairs.



CUSTOMER CARE

Comprehensive services

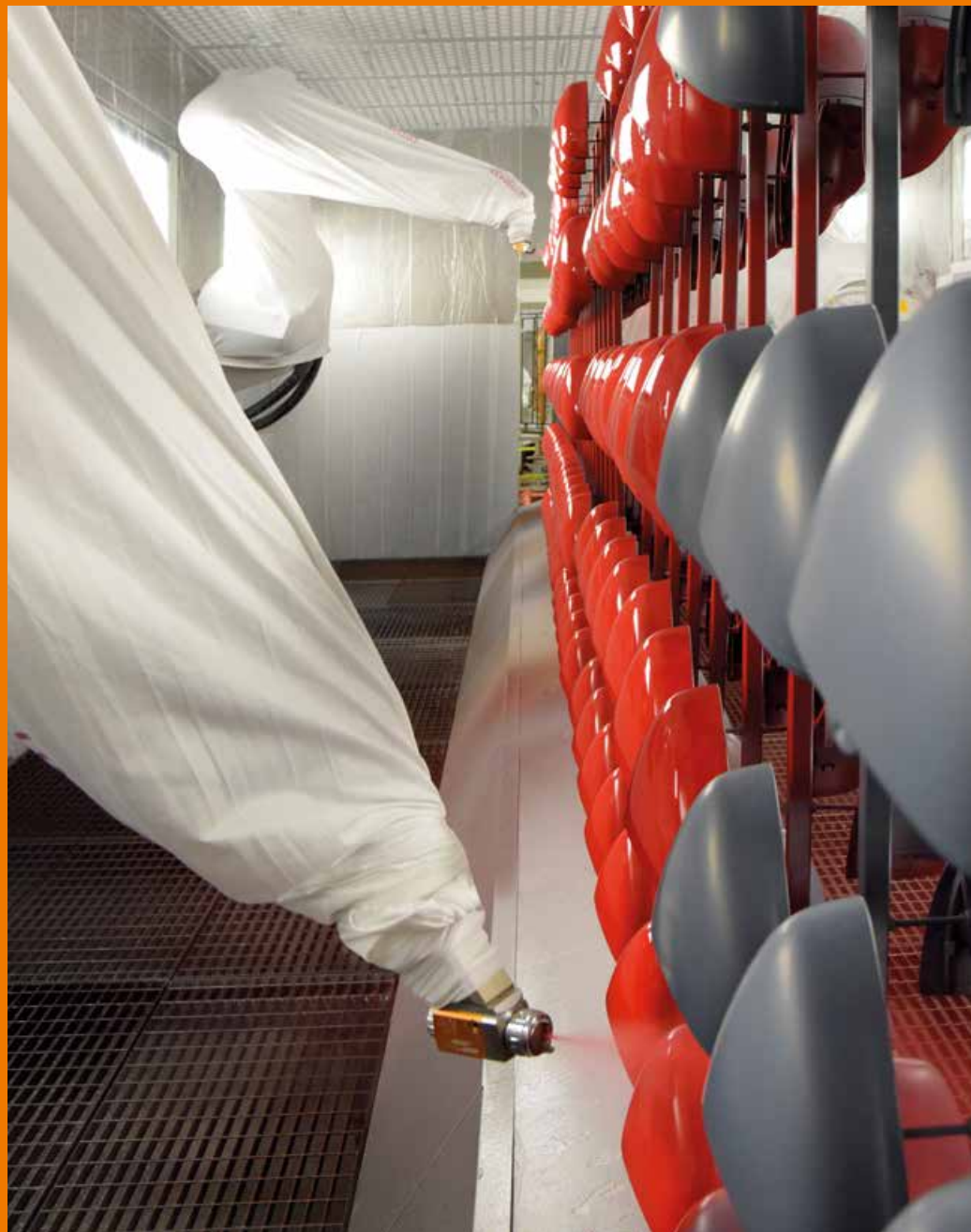
GALATEK a.s. strives not to be just a supplier, but also a partner to its customers during the whole lifecycle of the delivered equipment. To this end, it also offers the following activities:

- Providing warranty and post-warranty service
- Reconstruction and modernisation solutions
- Sale of consumables and spare parts
- Regular preventive warranty inspections of delivered equipment
- Provision of support services (training, consulting, measuring...)
- Remote management for operational control and troubleshooting
- Setting up a consignment warehouse of spare parts
- Optimisation of technological processes



ROBOTIC PAINTING

Automatic painting lines are single or multi-purpose painting systems for final surface treatment. They are always custom-made, according to the treated product and technological process. In most cases, these systems offer the highest possible level in terms of the capacity and quality of the resulting coating.



ORIGINAL TECHNOLOGICAL SOLUTION

When designing a robotic application, we always consider all parameters that affect the overall result and the technological solution itself. We are ready to test them in practice and confirm their correctness and feasibility before implementing each individual project.

AUTOMATIC PROCESSES

Automatic painting machines feature a high degree of automation of the entire technological process. The individual processes are ensured by handling devices or robots, facilitating very fast and precise control of the technological procedure. That is why the automatic painting machines are highly productive, achieve high quality of the resulting coating, reduce the consumption of power and material compared to manual processes, enhance the overall safety of the surface treatment workplaces, and are more eco-friendly.

GUARANTEED TECHNOLOGICAL PARAMETERS

The high degree of automation guarantees the required technological parameters, as well as their repeatability. The automatic painting machines use state-of-the-art control systems that feature not only data collection and visualisation systems for monitoring the operational states in real time and archiving the operational parameters, but also remote management capabilities to ensure continuous operation of these machines.





Truck body painting line, Schwarzmüller, Žebrák



Robotic painting of flow meters, Badger Meter Czech Republic, Brno



Automatic painting line, COLORprofi, Boskovice



Wagon paint shop, ALSTOM Czech Republic, Česká Lípa



Painting of forklift axles, Linde Pohony, Český Krumlov



Automatic painting of wheelsets, RYKO, Děčín



Robotic painting of bus bodies, Iveco Czech Republic, Vysoké Mýto



Automatic painting line, MAGNA SLOVTECA, Nové Mesto nad Váhom



Robotic plastic powder painting, AGROSTROJ, Pelhřimov

CONTINUOUS LINES

Continuous painting lines are integrated systems of machinery capable of high production, which administer a final treatment to surfaces in either liquid coating or plastic powder form. Every single line is customised to suit the client's needs in relation to the required capacity, the technological process and the end quality of the coating.



HIGH-CAPACITY SOLUTIONS

The high productivity of paint lines is facilitated by maximising the use of individual technologies, minimising capacity losses through part handling and independence from human factors. They also offer savings in manpower by automating technological processes.

INNOVATIVE TECHNOLOGICAL PROCESSES

Continuous painting lines consist of various sub-units according to the designed technology: machines for surface pretreatment, paint booths with application technology, drying, baking or curing ovens, flash off and cooling tunnels. The transport of treated parts is ensured by transport systems of various designs.

A COMPREHENSIVE SOLUTION FOR EACH LINE

The comprehensive supply of each painting line is complemented by a range of auxiliary equipment. Their purpose is to ensure high quality of the technological process and compliance with legislative requirements. These systems include waste water treatment plants, air handling equipment, equipment for the capture or disposal of organic solvents, demineralised water stations, chemical and paint preparation areas and complex systems for the management and control of technological parameters of the equipment.





Tractor painting, Kubota Farm Machinery Europe, Bierre, France



Plastic powder coating line - SPEL Manufacturing, Kolin
Parts pre-treatment line



Line for surface treatment of car bodies, Volkswagen Slovakia, Bratislava





Plastic powder coating line, HTP, Žirovnice



Surface treatment plant, SOMA, Lanškroun



Automatic painting line, COLORprofi, Boskovice



Plastic powder coating line, NTS Prometal Machining, Slavičín

SURFACE TREATMENT PLANTS

Custom surface treatment plants are designed for the surface treatment of large-sized parts and complete products. They include a complete technological process consisting of individual operations that take place at separate workplaces.



COMPLETE CUSTOMISED SOLUTIONS

Complete plants cover the whole process from surface pre-treatment, including sealing and grinding, blasting or chemical cleaning, up to painting technologies, including flash off, drying and emissions disposal. An equally important part of the process is an appropriate conveyor system to meet the specific requirements of the painting process. Plants are always custom-designed according to the size of the treated components, capacity, location and technological process.

SAFE AND TOP-QUALITY WORKING ENVIRONMENT

Independent ventilation of workplaces is the basis for safe operation and continuous quality. The prefabricated air handling units provide full or sectional extraction of air from the working space and its replacement with clean filtered air, heated to the set working temperature. They contain exhaust and supply fans with heaters for different heating media, heat recovery devices, or humidifiers. The units allow the heated air to circulate, thus allowing the booths to be operated in drying mode for drying coating materials directly in the booth's working space. The supply and exhaust fans can be fitted with variable speed drives for easy pressure control and to reduce the flow of air when not coating.

ENVIRONMENTALLY FRIENDLY SOLUTION OF THE ENTIRE OPERATION

To comply with the emission limits permitted by legislation for the exhaust air, the paint booths and dryers are provided with equipment for the capture or disposal of organic solvents from the exhaust air, taking into account the consumption and composition of coating materials.

COMPREHENSIVE PROJECT DELIVERY

The completeness of the delivery from a single source is a matter of course. The solution also includes the sub-deliveries required for the proper functioning of the technology, such as conveyor systems, operator platforms, hoists and more.





○ Plastic powder coating line, SEC, Nitra



○ Rolling stock surface treatment plant, ŠKODA TRANSPORTATION, Pilsen



○ Wagon paint shop, ALSTOM Czech Republic, Česká Lípa



○ Paint shop for bus undersides, Dopravní podnik, Prague



○ Van paint shop, Volkswagen, Poznań, Poland



○ Trainer aircraft paint shop, AERO Vodochody AEROSPACE, Odolená Voda



○ Robotic painting of bus bodies, Iveco Czech Republic, Vysoké Mýto



○ Spotrepair paint shop for complete cars, ŠKODA AUTO, Mladá Boleslav



○ Degreasing workplace, ŠKODA TRANSPORTATION, Pilsen

RESEARCH AND DEVELOPMENT

An important factor in maximising the satisfaction of specific customer needs is the ongoing process of research and development of new machinery and equipment in relation to new innovative technologies, allowing the reduction of costs while minimizing environmental impact. For this process, the company has an in-house research and development facility, which includes innovative surface pre-treatment technologies, application of all types of coatings using painting robots and a range of application equipment. An integral part of the workplace is a laboratory, equipped with the necessary instruments to verify the basic parameters of the surface treatments performed.



R&D CENTRE CAPACITIES

The research and development centre is focused on the testing of new innovative technologies. The technological equipment and design of the research and development centre offer the following services:

- Testing of innovative pre-treatment methods
- Testing of new coating systems on specific products
- Testing of various methods of applying all types of coatings using a painting robot
- Curing tests of applied coatings by conventional means or UV lamps
- Time optimisation and practical testing of paint application on specific products
- Optimisation and practical testing of suspension technology for specific parts
- Improvement of the qualification of expert workers in the field of surface treatment, training of the operating personnel of painting shops, including robot programming

