

ICHEMAD
P R O F A R B

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OUR COMPANY

We present to you the many generation family company – **ICHEMAD-Profarb***, which has been involved in the implementation of projects for the chemical industry since 1987. The company has been present on the international market for many years.

* *The name of the company refers to the main area of its activity, i.e. chemical engineering (pl: “inżynieria chemiczna” – ICHEM) and its owners (AD). Profarb is the company from which everything started.*



The company's head office, which employs a total of 200 people, is located next to the junction of A1 and A4 motorways in Gliwice.

We are located in the heart of Upper Silesia, the most industrialized region of Central Europe, with a centuries-old tradition of industrial production.

The mission is implemented on a global scale,
with respect for the confidentiality of information
and intellectual property of customers.



MISSION

Our mission is to provide our customers with optimal technical solutions that will enable them to achieve their goals.

The mission is implemented in three key areas:

- BUSINESS – we offer optimal products, we care about business ethics, we focus on long-term relations with customers.
- PEOPLE – we are professional, committed and open to innovation – which is the source of our strength.
- BASIS – we exist for our customers, we are open to their needs and solving problems together.

ABOUT US

We solve chemical engineering problems with particular emphasis on projects implemented in the following industries:

- varnishes, paints, adhesives,
- organic synthesis,
- plastics.

We can be your partner for cooperation in the field of:

- designing investment decision making processes,
- designing installations,
- designing new machines, apparatuses, equipment,
- manufacturing machines, apparatuses, equipment,
- implementing projects until their “turnkey” stage.



POTENTIAL

The potential of the company is reflected in the following organizational units:

- Customer Service Department
- Management Board Office
- Design Department
- Machine Design Department
- Research and Applications Department
- Stainless Steel Welding Shop
- Black Steel Welding Shop
- Machining Department
- Chemical Processing Department
- Control System and Control and Measurement Apparatus Production Department
- Product Assembly Department
- Raw Material and Product Warehouses – Distribution
- Machinery and Equipment Maintenance
- Project Implementation Department
- Assembly group.

We support our customers with our own intellectual and construction potential on an ongoing basis. Our development is based on the work of our own research and application department and on cooperation with research units.

We have a highly qualified engineering and technical staff that will meet your needs. Our team consists of 200 people who will focus on solving any problems related to the planned project.

IMAGE

Within ICHEMAD-Profarb, we design and build complete automated installations for the chemical industry, as well as specialized equipment for operations and processes.



ICHEMAD
P R O F A R B

Together with the customer, we develop a concept that turns into a project and then build complete industrial plants.

We equip them with technological lines, based on machines and apparatuses manufactured by us or other devices indicated by the investor.

We are present during all stages of project implementation.

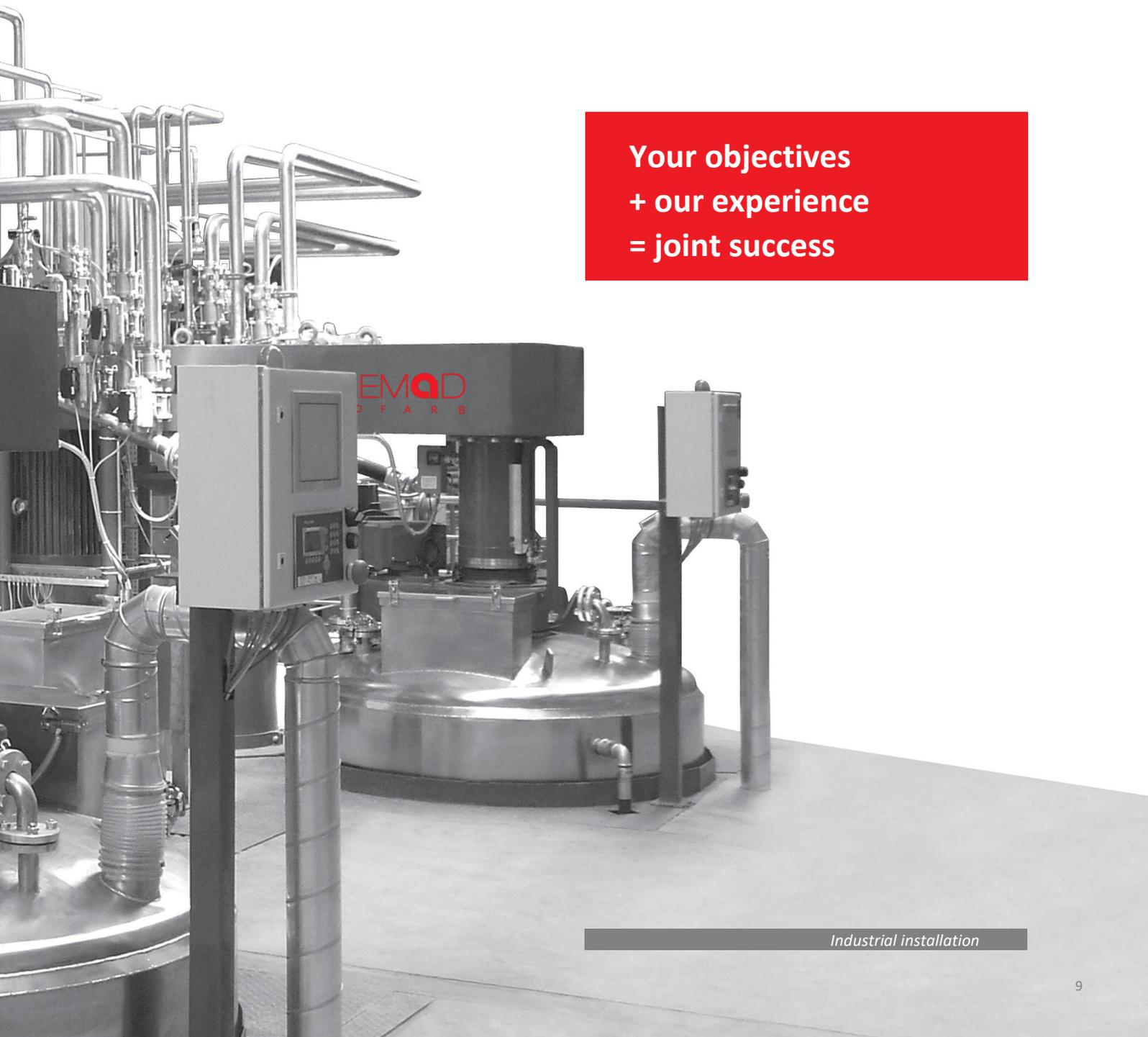
We supply and assemble individual devices, apparatuses and machines adjusted to the production capacity of the investor's technological line.

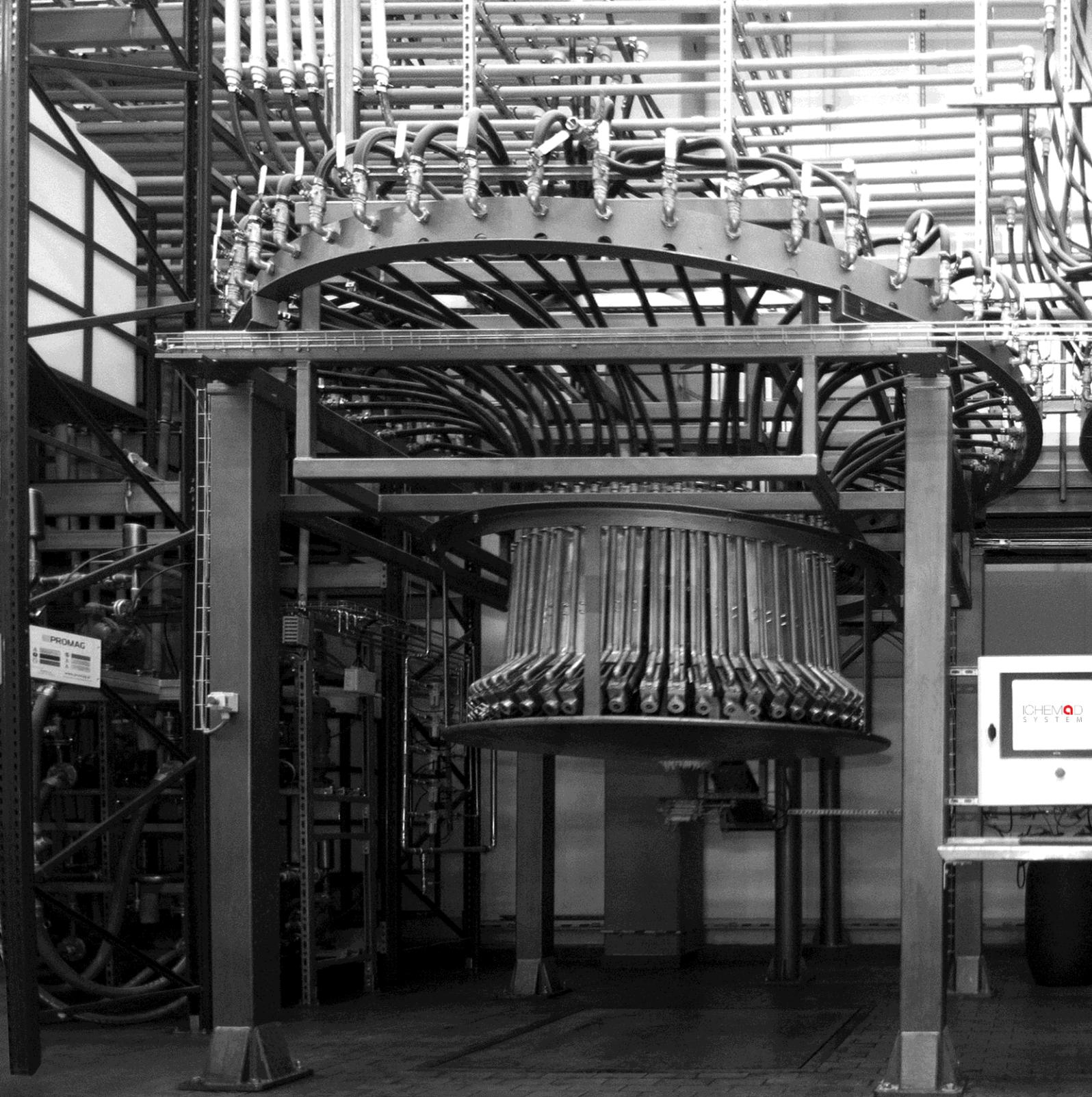
We are able to adapt solutions to the needs and requirements of projects implemented in various sectors of the chemical industry.

We implement innovative production systems necessary for the implementation of chemical processes and operations.

We provide continuous post-implementation cooperation, including adjustment of machines and apparatuses owned by the investor to the changing requirements of production and development work for the investor.

**Your objectives
+ our experience
= joint success**





OFFER

As part of the broadly understood chemical engineering, our machines and installations are designed for:

- production of paints, varnishes and adhesives
- production of building chemistry products
- plastics processing
- production of plant protection products
- slight organic synthesis
- other operations and processes of similar production specificity (pharmacy, biotechnology, food and cosmetics industries).



Proportioning installation

The scope of our activity is a result of our 30 years of experience in problem solving, as well as conducting chemical operations and processes, such as:

- polymerization with co-polymerization of resins – including dispersion (reactors, heat exchangers),
- dispersion and deagglomeration in liquid phase (dispersers, dissolvers, pearl mills, mixers),
- plastics processing (single- and double-screw section extruders and regranulation),
- storage of loose and liquid raw materials (tanks, silos, transmission equipment, pipeline transport),
- precise dosing and packaging (dosing, colouring and filling stations),
- control and automation of processes and operations (machine and installation software).

DESIGN

We provide the customer with technical analysis of the investment project and fully professional advice.

On the basis of identified needs, production technology and future development plans of the customer, we are able to develop an investment concept.

It is always the outcome of mutual approvals.

Our design department develops complete 3D and 2D designs, as well as 3D printed models.

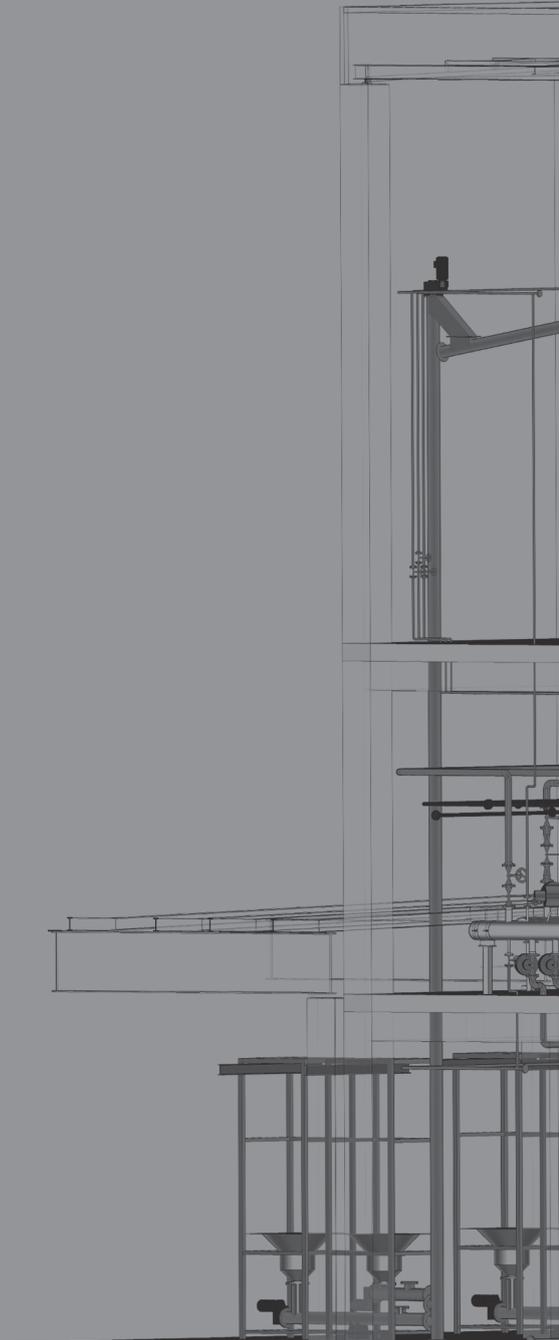
Our designs regularly win the highest awards in the world competitions of spatial design of chemical installations.

We prepare reliable technological and construction documentation. Our speciality is comprehensive design of plants and installations, which we create with the use of the latest software.

Our designs cover comprehensive solutions for such industries as:

1. Technology,
2. Control,
3. Electricity,
4. Installation, including internal and external networks,
5. Construction.

Technical documentation meets all regulatory requirements (including environmental) relevant to the area of implementation.





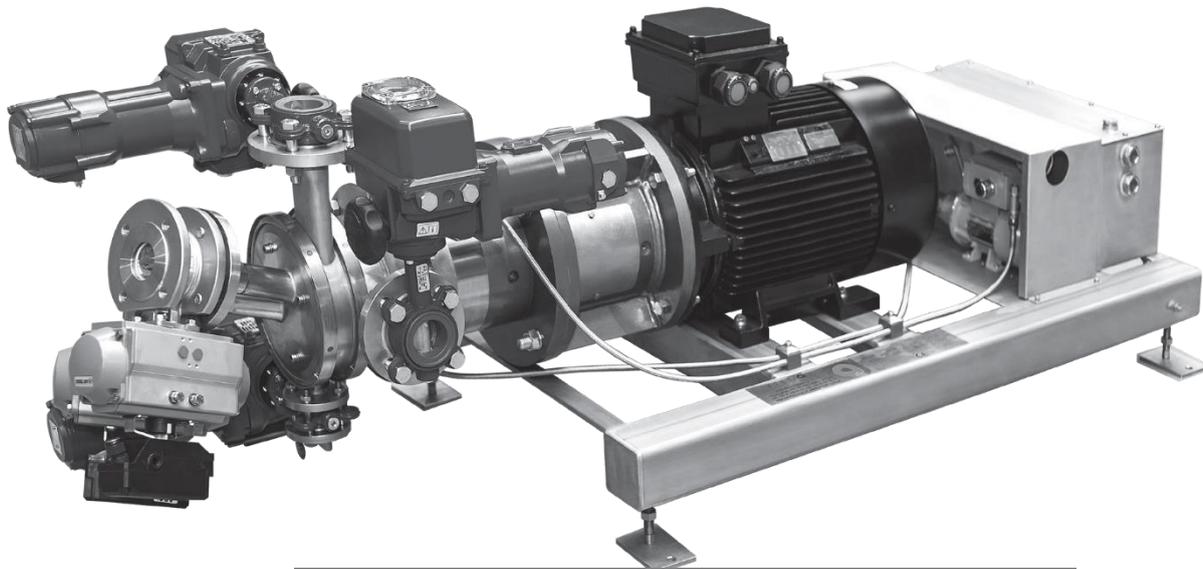
Resin installation design

MACHINES

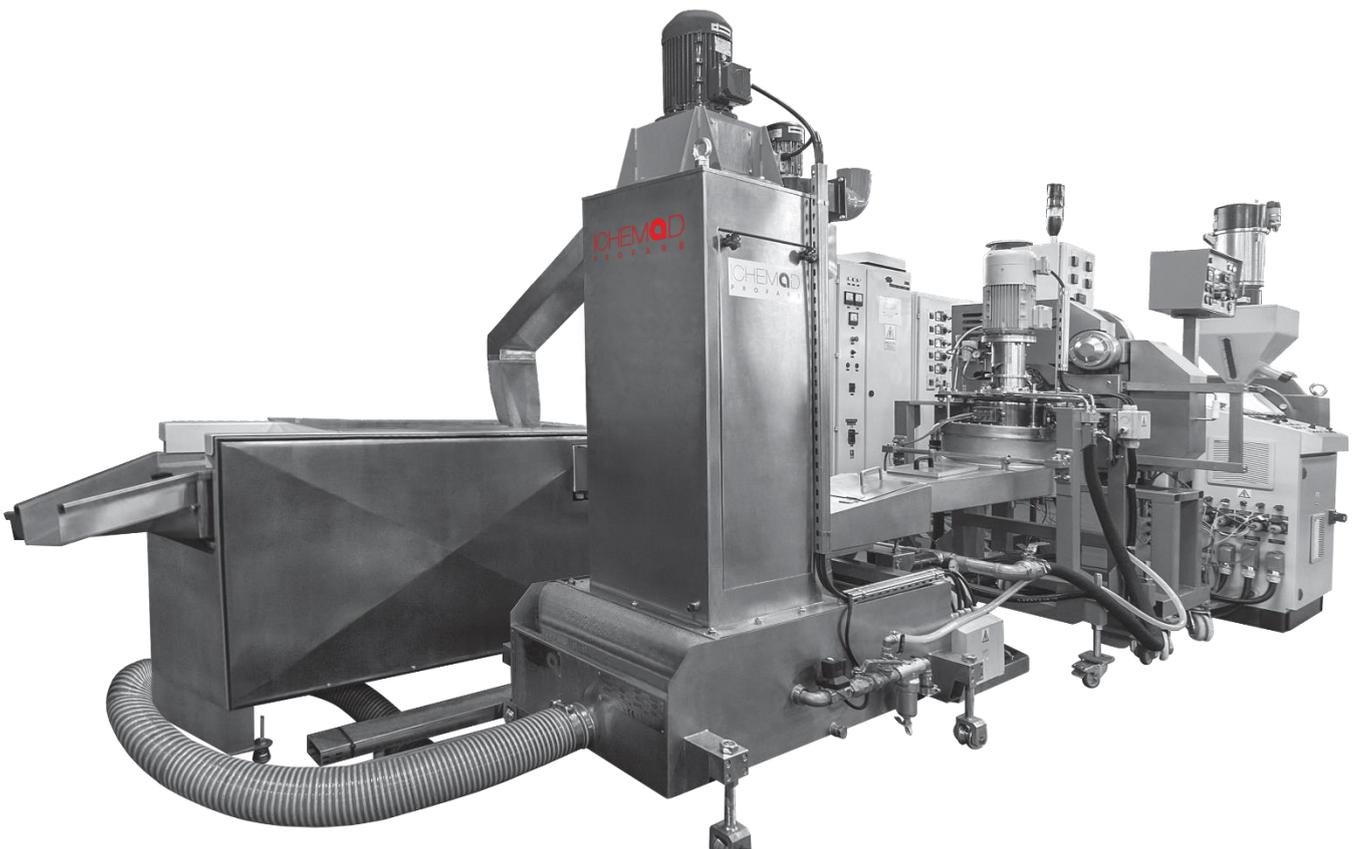
We supply our customers with devices and apparatuses of our own design, created on the basis of technical solutions developed and tested by us.

Production takes place entirely on our company premises. Thanks to the experience of our engineers and advanced modelling, we adjust the machines precisely to the customer's production processes.

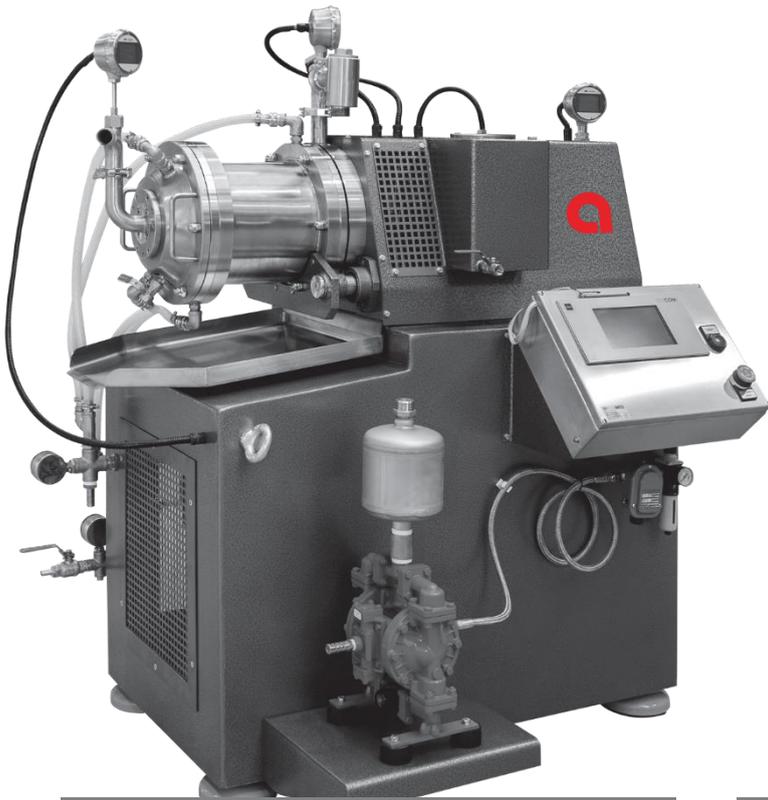
We equip the manufactured machines and installations with appropriate process control systems and work automation adapted to "Ex" conditions.



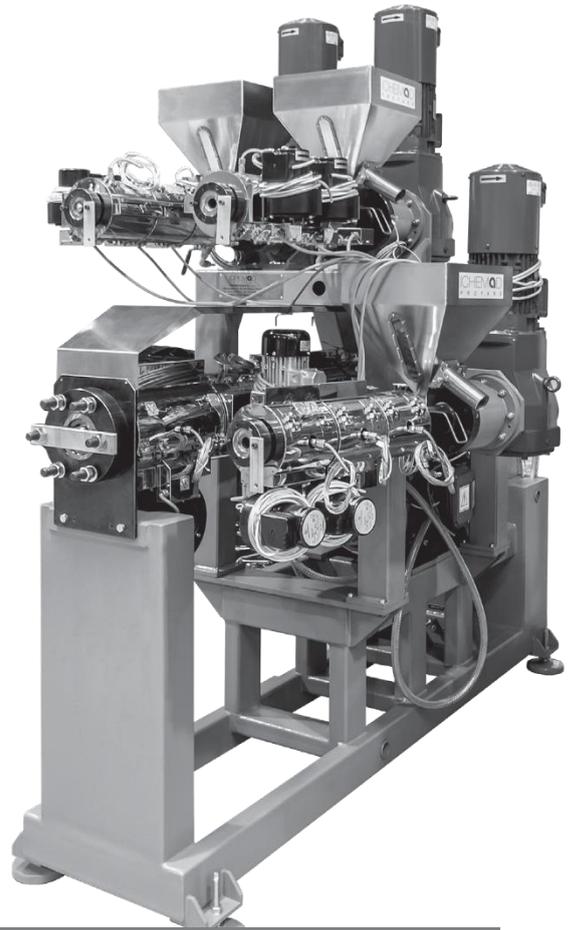
Flow disperser



Granulation line



High energy mill

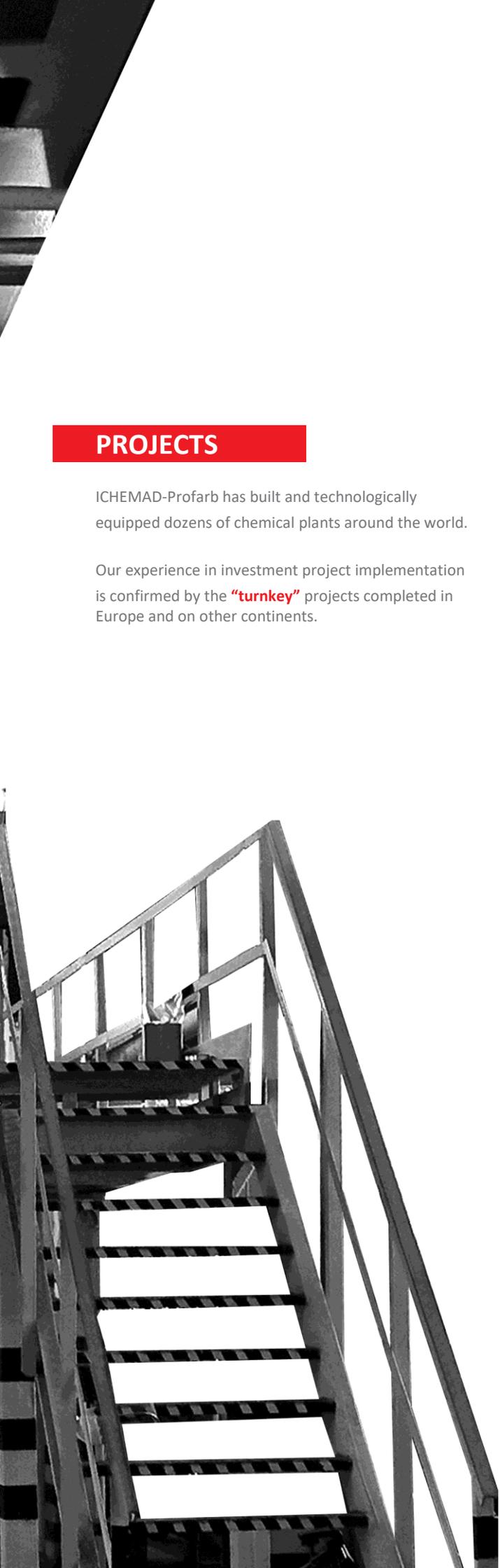


Extruder



Planetary mixer





PROJECTS

ICHEMAD-Profarb has built and technologically equipped dozens of chemical plants around the world.

Our experience in investment project implementation is confirmed by the “**turnkey**” projects completed in Europe and on other continents.

Our products are installed on production lines in both micro and macro scale.

We work with major chemical product manufacturers on a global scale.

Resin installation

STANDARDS

Acting globally, we ensure that engineering solutions comply with local requirements and the most demanding standards recommended by international institutions.

The construction of machines and apparatuses is carried out entirely on the premises of ICHEMAD-Profarb production site, according to the Advanced Planning and Scheduling (APS) process.

Quality control is of paramount importance at the design, manufacturing, assembly and testing stages.

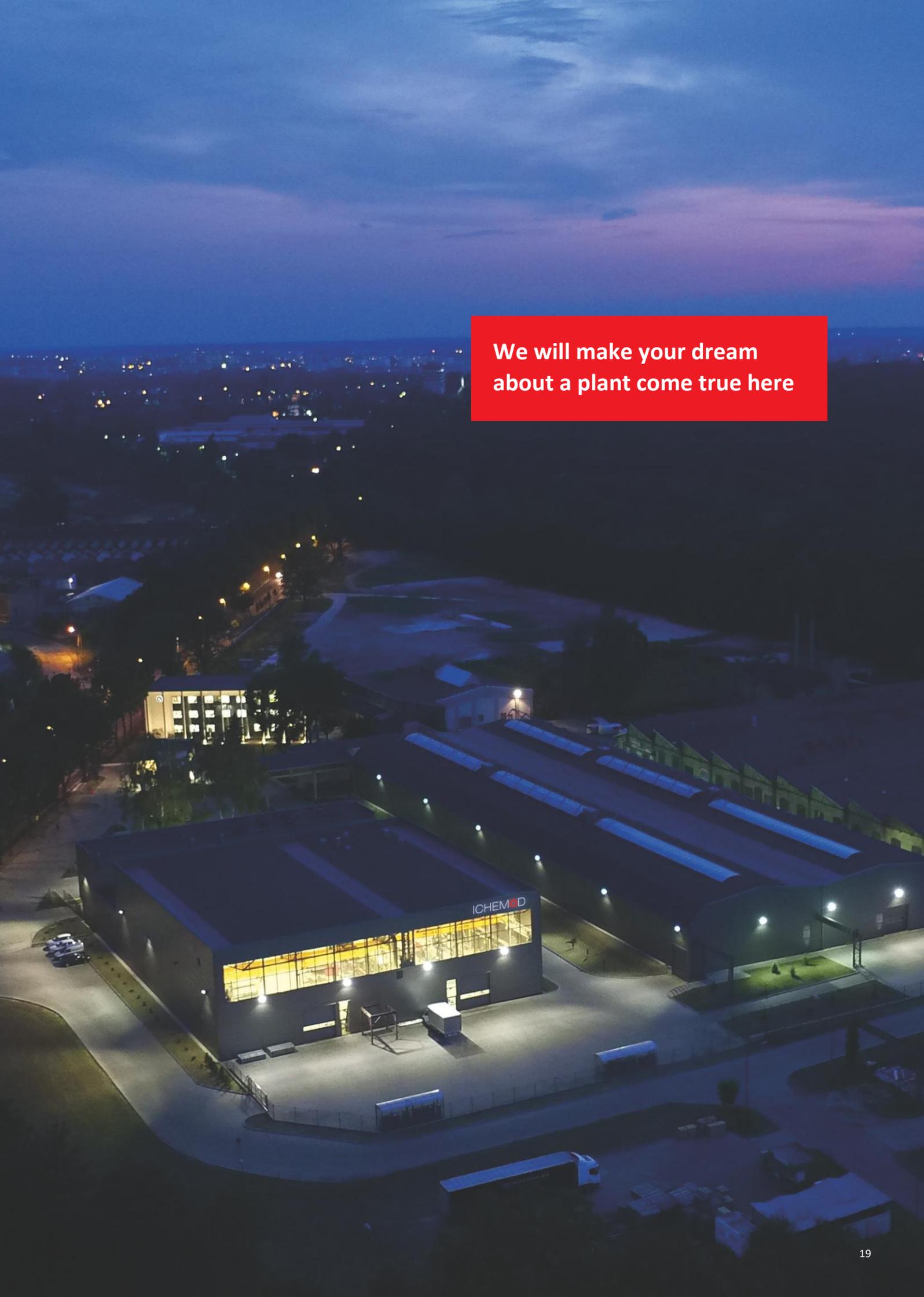
We are ISO 9001:2008 certified

The quality and reliability of our engineering solutions is confirmed by the full compatibility of design and execution of installations and equipment with the European Union standards:

- 2006/42/EC Machinery Directive (MD)
- 2014/43/EU ATEX Directive
- 2014/68/EU Pressure Equipment Directive (PED)
- 2014/30/EU Electromagnetic Compatibility (EMC) Directive
- 2014/35/EU Low Voltage Directive (LVD)

When carrying out projects outside the European Union, we ensure certification according to national standards.

We operate in accordance with the strictest environmental standards.

An aerial night photograph of an industrial facility. The central focus is a large, dark industrial building with a prominent glass facade on one side, which is brightly lit from within. The name 'ICHEM D' is visible on the building's exterior. To the right, a long, low-profile warehouse-like structure with a corrugated metal roof is also illuminated. The surrounding area includes parking lots with several vehicles, including a large white truck in the foreground, and other smaller buildings. In the background, a city skyline is visible under a dark, twilight sky with some clouds. A red rectangular box is overlaid on the upper right portion of the image, containing white text.

**We will make your dream
about a plant come true here**



CONTACT

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We are a global company.
We will answer to your inquiry within 48 hours in
any language.

