



**EXPERIENCE - INNOVATION - TECHNOLOGY**  
**STORING CONVEYING WEIGHING MIXING DOSING**

**IFA TECHNOLOGY GMBH**  
Member of  **Deurotech Group**

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▷ MADE IN GERMANY

▷ OVER 350 PLANTS IN 40 COUNTRIES

▷ 80 MOTIVATED EMPLOYEES



Member of  Deurotech Group

▷ FOUNDED IN 1980

▷ COMPETENCE IN WEIGHING, MIXING AND DOSING TECHNOLOGY



Karl-Heinz Gruber,  
Managing Director

## WE ARE IFA

IFA Technology is a plant engineering and construction company based in Germany. For almost 40 years, we have been successfully building plants and systems for weighing, mixing, conveying and dosing solid and liquid materials - and we do so worldwide. We always respond to individual wishes in order to build a customised plant or system. Our customers are at the heart of everything we do. The fully automated plants and systems are used across all industrial areas. We are a world leader in the field of impregnation resin processing.



Company premises in Rain am Lech, Germany



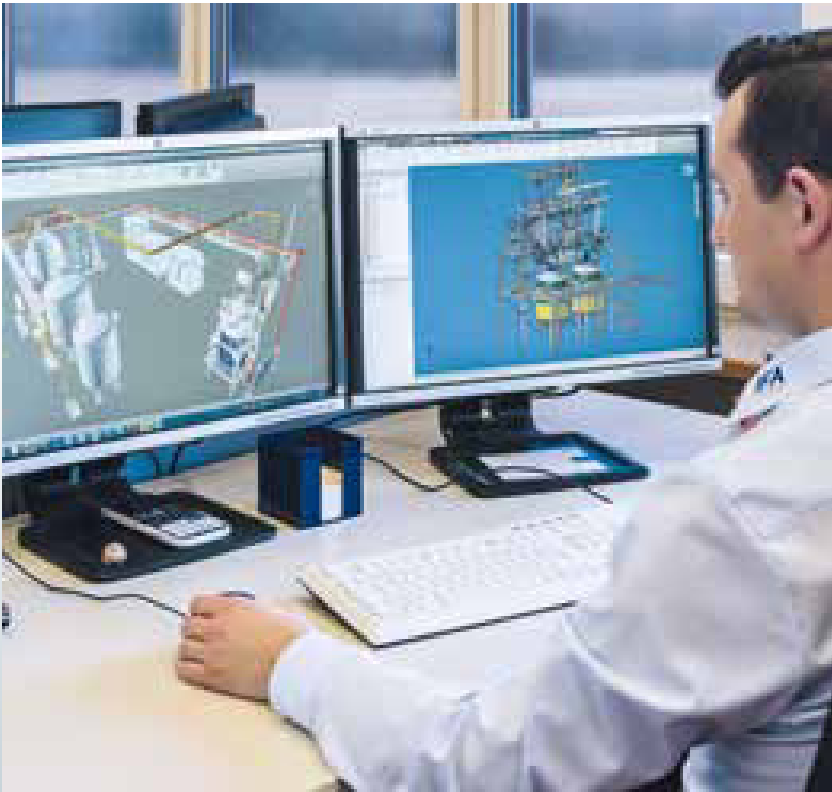
„Only as a team you are strong, that is what we remember and live by every day.“

At IFA Technology, we dispose of all competencies in-house. Our different departments advise, plan and develop, produce and assemble tailor-made systems. Through this constant and close corporation within the project teams, we optimise your processes in an energy-saving, economic and efficient way. By doing so, we always pay attention to plant safety and the application of state-of-the-art equipment. For optimal process engineering, we offer laboratory tests, experimental setups and production simulations. Intelligent solutions in the fields of smart production, big data and interface integration complete our profile.

# EVERYTHING FROM A SINGLE SOURCE

ALL PROFESSIONAL DISCIPLINES IN-HOUSE

- CONSULTING
- PLANNING + DEVELOPMENT
- ENGINEERING + PRODUCTION
- LOGISTICS + ASSEMBLY
- COMMISSIONING
- AUTOMATION + PROCESS OPTIMISATION
- SMART IFA





# APPLICATIONS

► FOR THE PROCESSING OF LIQUIDS AND SOLIDS



STORAGE

Liquids in the form of raw materials or finished products are stored in canisters, drums, IBC-containers or storage tanks. Solids and bulk materials are stored as bagged cargo, in big bags, silos or various special containers.

- Safe handling for the storage of liquids, solids and bulk materials
- Customised storage containers, shelves, tank farms and silo systems
- Conform to legal requirements
- Controlled compatibility of the substances and environmental influences
- Compliant to various regulations, such as the German Water Resource Act (WHG) or the Explosive Atmospheres Directive (ATEX)



CONVEYING

At IFA Technology we use all types of pumps available in the market for conveying liquids; solids can be conveyed mechanically, pneumatically and hydraulically. We consider all requirements for the safe and reliable conveyance of your products.

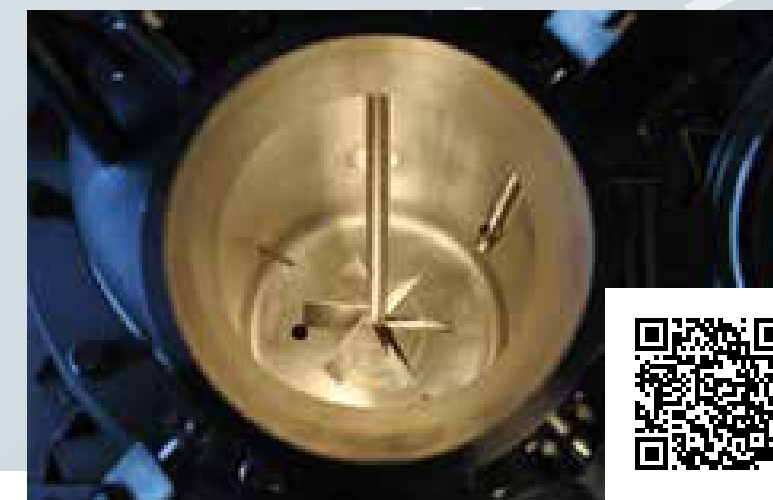
- Mechanical conveying through pumps, screws, conveyor belts, elevators, vibratory troughs or tube chain conveyors
- Pneumatic conveying for granulates, pressure or vacuum conveying
- Hydraulic conveying of fine-grained bulk materials



WEIGHING / MIXING / DOSING

In order to meet your requirements for weighing, mixing and dosing of liquids and solids, our systems enable combinations in almost all aggregation states. Our diverse applications are suitable e.g. for the preparation of homogeneous and heterogeneous mixtures, suspensions, dispersions and emulsions.

- Mixing of combinations in almost all aggregation states
- High-precision weight measurement for gravimetric or volumetric dosing
- Heating and cooling of the substances
- Pressure and vacuum overlays



# OUR SOLUTIONS

▷ FOR YOUR INDIVIDUAL DEMAND

## PROCESS OPTIMISATION AND ENGINEERING

With our worldwide business partners, we enable developments and technologies, especially in the field of resin and glue formulations.

- ▷ SMART IFA
- ▷ Process automation
- ▷ Electrical planning and control cabinet construction
- ▷ Control and regulation technology
- ▷ PLC-programming
- ▷ Visualisation
- ▷ Recipe control
- ▷ Data base systems, batch tracing and ERP connection

## HANDLING OF RAW MATERIALS AND FINISHED PRODUCTS

- ▷ Tank and silo systems
- ▷ Tank filling and emptying stations
- ▷ IBC-container filling and emptying stations
- ▷ Drum filling and emptying stations
- ▷ Big bag filling and emptying stations
- ▷ Bag emptier

## MATERIAL CONVEYING

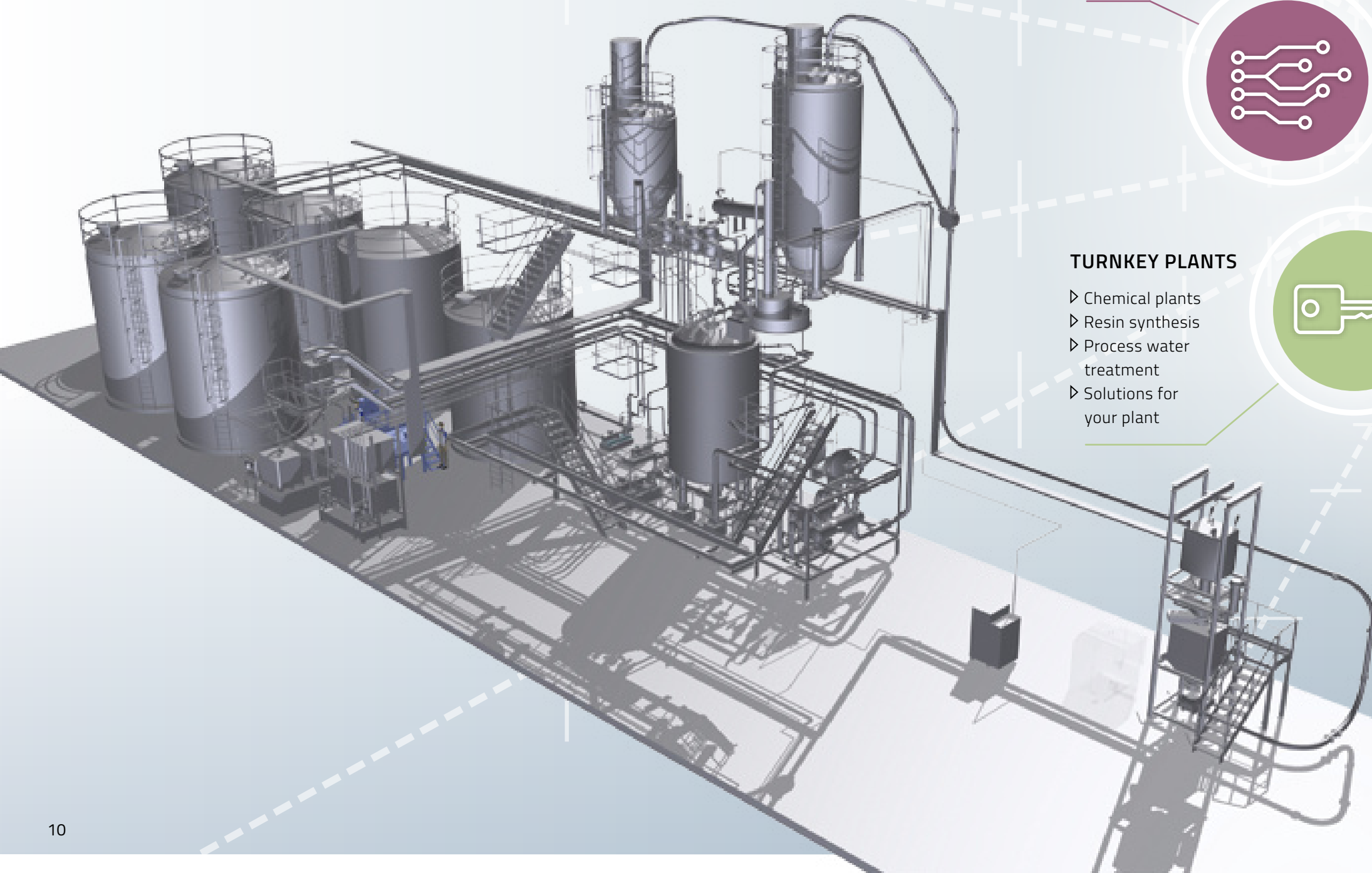
- ▷ Pump systems
- ▷ Pneumatic conveying systems
- ▷ Mechanical conveying systems
- ▷ Exhaust air purification

## TURNKEY PLANTS

- ▷ Chemical plants
- ▷ Resin synthesis
- ▷ Process water treatment
- ▷ Solutions for your plant

## WEIGHING / MIXING / DOSING

- ▷ Gravimetric dosing systems
- ▷ Volumetric dosing systems
- ▷ Explosion-proof systems
- ▷ Reaction systems
- ▷ Batching plants
- ▷ Customised plants and systems
- ▷ Heating and cooling technology
- ▷ Agitator technology
- ▷ Microdosing technology
- ▷ Powder wetting systems
- ▷ Viscosity control systems
- ▷ Flocculent systems



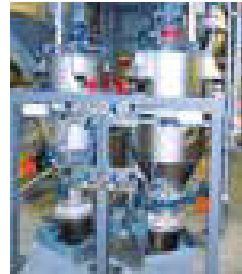




## CUSTOMISED

ENGINEERING, as individual as your production, as customised are our systems. In order to ensure a production process that is as safe and efficient as possible, it is important to continuously adapt the plant construction to your requirements. We will advise you and develop the optimal solution - individually and plant-specific.

- Consulting
- Planning and development
- Engineering and production



## EXPLOSION PROTECTION



Plant safety and reliability is our most important ambition. In addition to the applicable regulations of the machinery directives according to CE or OSHA and EAC, we plan and manufacture our systems explosion-proof. We do this according to the globally prevalent guidelines such as ATEX, IEC-EX or NEC/NFPA. Our switch cabinet construction is building according to all necessary directives such as EN/DIN/VDE or UL/NFPA.

- ATEX guideline 2014/34/EU
- IECEx and IEC 60079 ff
- VDE 0113 and EN 60204-1
- UL698A and NFPA 79



## TURNKEY INSTALLATIONS

Our services cover more than the mere delivery of the system. With IFA Technology, you have a reliable partner with know-how and experience at your side – whether you are planning a new production plant or would like to modernise your existing equipment. We ensure the implementation of your project so that you can concentrate on your core business.

- Logistics and assembly
- Commissioning
- Production assistance and optimisation

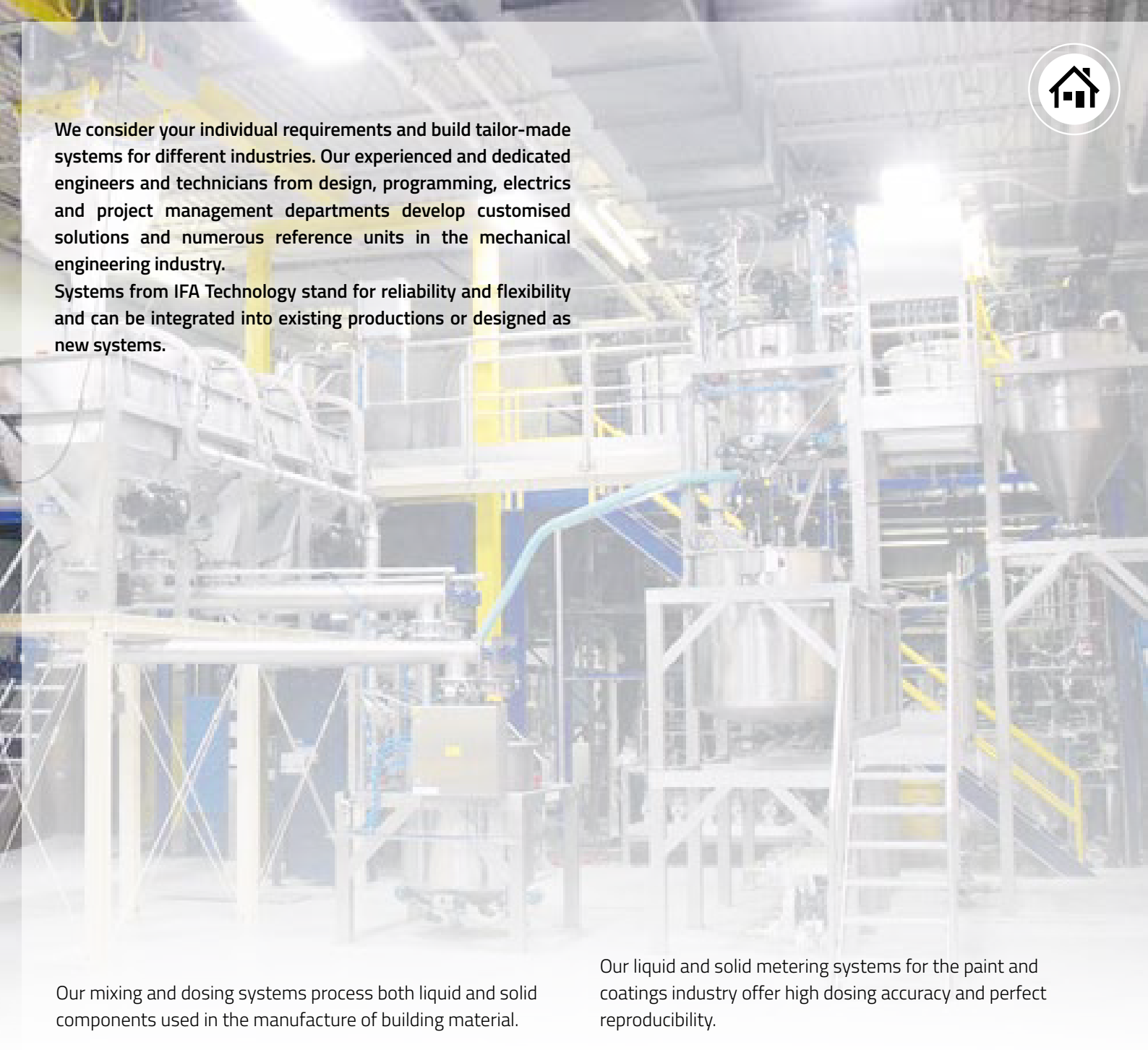


## SMART IFA

Industry 4.0 and the Internet of Things, Services & People (IOTSP) - we offer state-of-the-art systems and solutions for your SMART production tailored to your needs.

- Customised databases and user interfaces
- Interface integration to MES and ERP systems
- Big Data with a variety of sensors and the possibility of collection and transfer
- SMART Networks: plant operation from smartphone or tablet PC as well as data storage in cloud systems

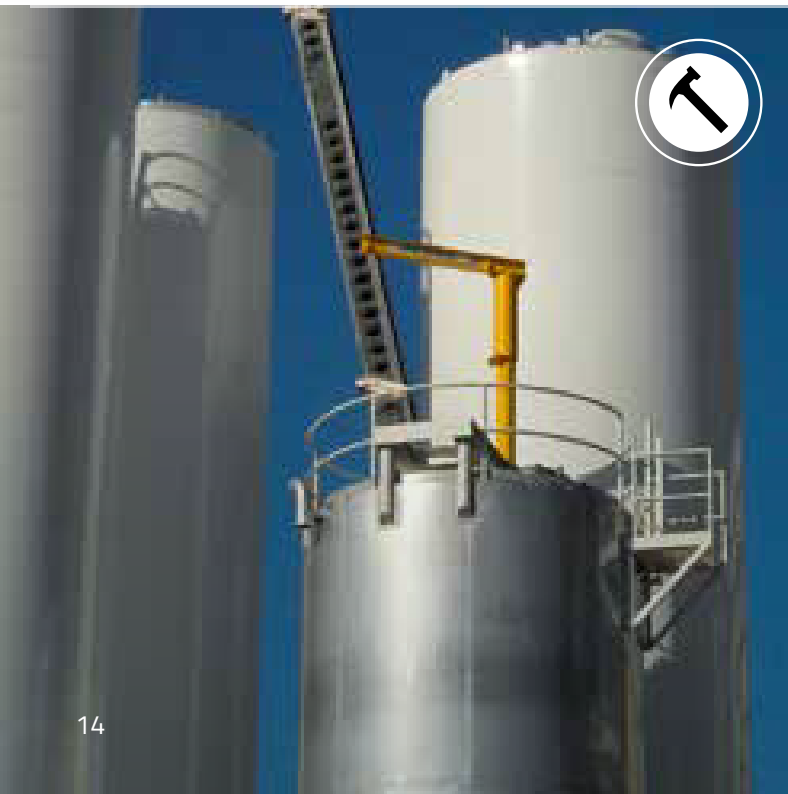




We consider your individual requirements and build tailor-made systems for different industries. Our experienced and dedicated engineers and technicians from design, programming, electrics and project management departments develop customised solutions and numerous reference units in the mechanical engineering industry. Systems from IFA Technology stand for reliability and flexibility and can be integrated into existing productions or designed as new systems.

Our mixing and dosing systems process both liquid and solid components used in the manufacture of building material.

Our liquid and solid metering systems for the paint and coatings industry offer high dosing accuracy and perfect reproducibility.



# INDUSTRIES



AUTOMOTIVE



CONSTRUCTION MATERIAL



CHEMISTRY



INSULATION MATERIAL



PAINT AND VARNISH



ANIMAL FEED



WOOD-BASED PANELS



HOME CARE



PLASTICS



MECHANICAL ENGINEERING



FOOD



PAPER



PERSONAL CARE



PHARMACEUTICS



TEXTILES



ENVIRONMENTAL ENGINEERING





# SERVICES

Our key objective is a plant construction, which is customised to your wishes. That is why IFA Technology provides a highly trained service team that supports with its expertise not only during the assembly and commissioning of your IFA system, but also during conversions and all other service assignments.



## SPARE PARTS

- ▷ Comprehensive service for plant replacement parts
- ▷ Large stock of standard components
- ▷ Immediate delivery of spare and wear parts
- ▷ Optimum system availability due to original spare parts



## RETROFITTING AND CONVERSION

- ▷ Plant expansions
- ▷ Upgrades and state-of-the-art technology
- ▷ Individual support for retrofitting and upgrade projects of existing plants



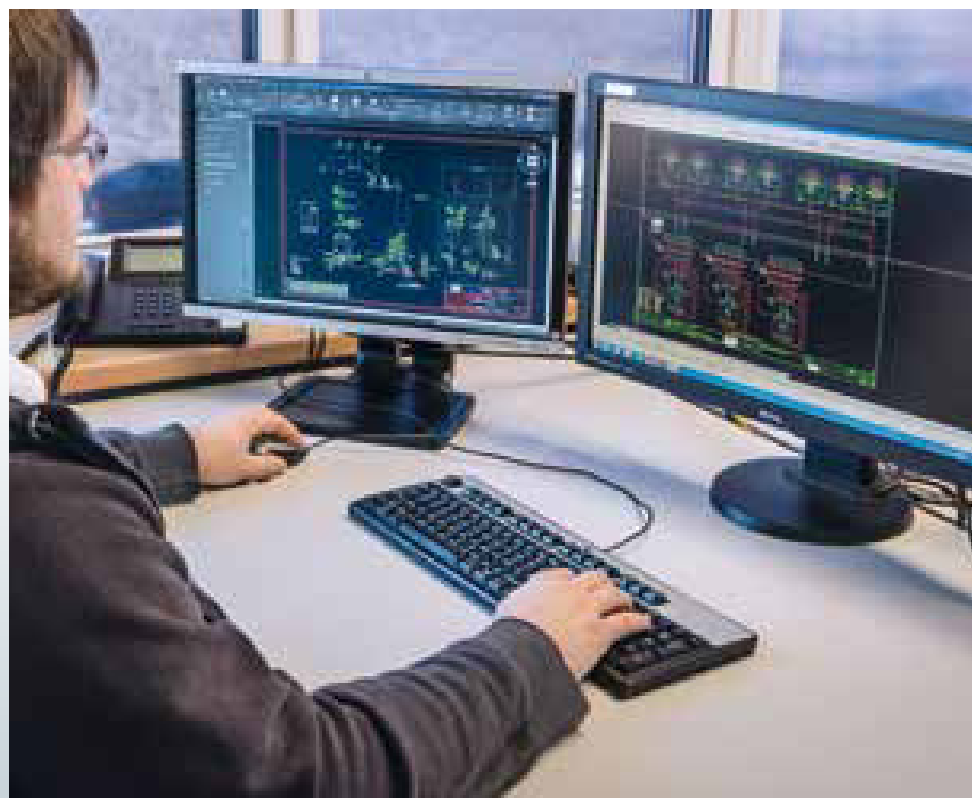
## TRAINING COURSES

- ▷ Detailed and individual training as well as operator training
- ▷ Support during installation and commissioning
- ▷ Training of your employees
- ▷ Refresher courses of the operator training



## WORLDWIDE SERVICES

- ▷ Remote maintenance of your machines and systems
- ▷ Fast repair and spare parts service
- ▷ Personal contact for plant and electrical engineering
- ▷ Regular service and system checks



# GLOBAL PRESENCE

IFA Technology is a global player and member of the Deurotech Group, a partnership of international machinery and plant manufacturers that offer coordinated surface converting processes from a single source: impregnation and coating lines, resin production and processing systems as well as applications for exhaust air purification and energy recovery. The merger of these individual core competencies results in advantages in terms of performance. The group uses the synergy effects and develops optimal solutions for the individual process technology of our customers. Global availability and the sensitivity of our advisors for cultural diversity make this international expansion possible.

## OUR REPRESENTATIONS

- Spain**  
J.M. Colomer S.A.  
Tel. +34 93 2402600  
jmcsa@jmcsa.com
- Turkey**  
Hanex Orman Ürünleri San. Ve Tic. Ltd. Şti  
Tel. +90 216 3996970  
hanex@hanex.com.tr
- Latin and South America**  
Inserco GmbH  
Tel. +49 2162 9339111  
service@inserco.de
- UK, Ireland, Thailand, Malaysia, Vietnam, Indonesia, Singapore**  
James Technical Services  
Tel. +49 172 7197572  
daniel@james-ts.de
- Russia**  
GDS (Vits Office Russia)  
Tel. +7 495 6629730  
vitsrussia@gmail.com

- 1 Deurotech Group GmbH**  
40764 Langenfeld  
Germany
- 2 Deurotech America Inc.**  
Charlotte, NC 28273  
USA
- 3 Vits Technology GmbH**  
40764 Langenfeld  
Germany
- 4 IFA Technology GmbH**  
86641 Rain am Lech  
Germany
- 5 Wessel-Umwelttechnik GmbH**  
22529 Hamburg  
Germany
- 6 Airprotech SRL**  
20013 Magenta  
Italy





# CAREER

Since the foundation of IFA Technology almost 40 years ago, we have continuously developed and built up long-term and trusting customer relationships worldwide through our claim to quality, innovative strength and flexibility. Today, we have around 80 employees. Each and every one of them has the opportunity to contribute his or her ideas, creativity and enthusiasm. Together we shape a successful future for our employees and consequently for our company.

## OUR TRAINING PROFESSIONS

- ▷ Electronics technician (m/f/d) for automation
- ▷ Industry mechanics (m/f/d)
- ▷ Industrial clerk (m/f/d)
- ▷ Technical product designer (m/f/d) with specialisation in plant construction
  
- ▷ Student internship at IFA Technology



**TRAINING**  
Your chance for a professional and personal development in various training professions.



**WORKING**  
Become part of our team. What constitutes IFA is not only the excellent products – but every employee behind them.



**TOP EMPLOYER  
COUNTY DONAURIES 2018-2021**

**YOU WISH TO ENHANCE YOUR PERSONAL AND PROFESSIONAL SKILLS OR ARE YOU LOOKING FOR A NEW CHALLENGE? SEND US YOUR INITIATIVE APPLICATION. ▷**



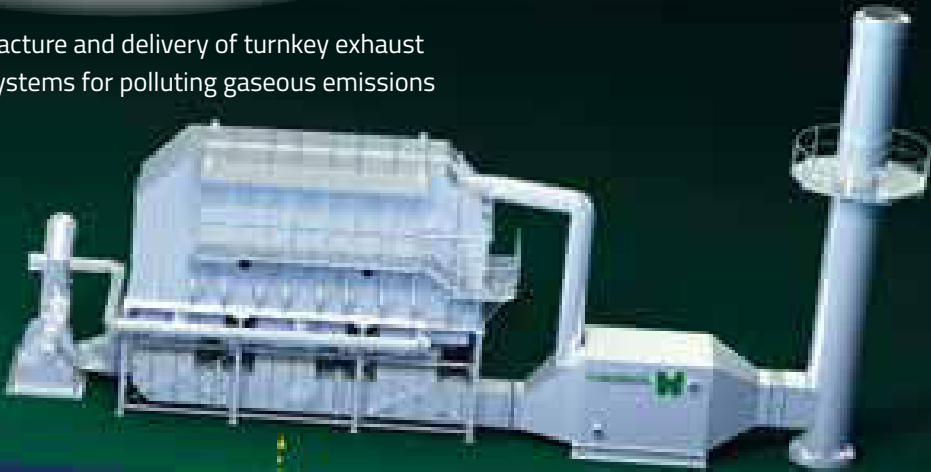


# IFA AND THE DEUROTCH GROUP

IFA Technology is a member of the Deurotech Group, the strong partner in process technology. Together with the companies Vits Technology, Wessel-Umwelttechnik and Airprotech we offer process steps in surface coating that are perfectly matched to each other. This includes the development, manufacture, sale and service of customised solutions in the field of impregnation and coating.



Planning, manufacture and delivery of turnkey exhaust air purification systems for polluting gaseous emissions

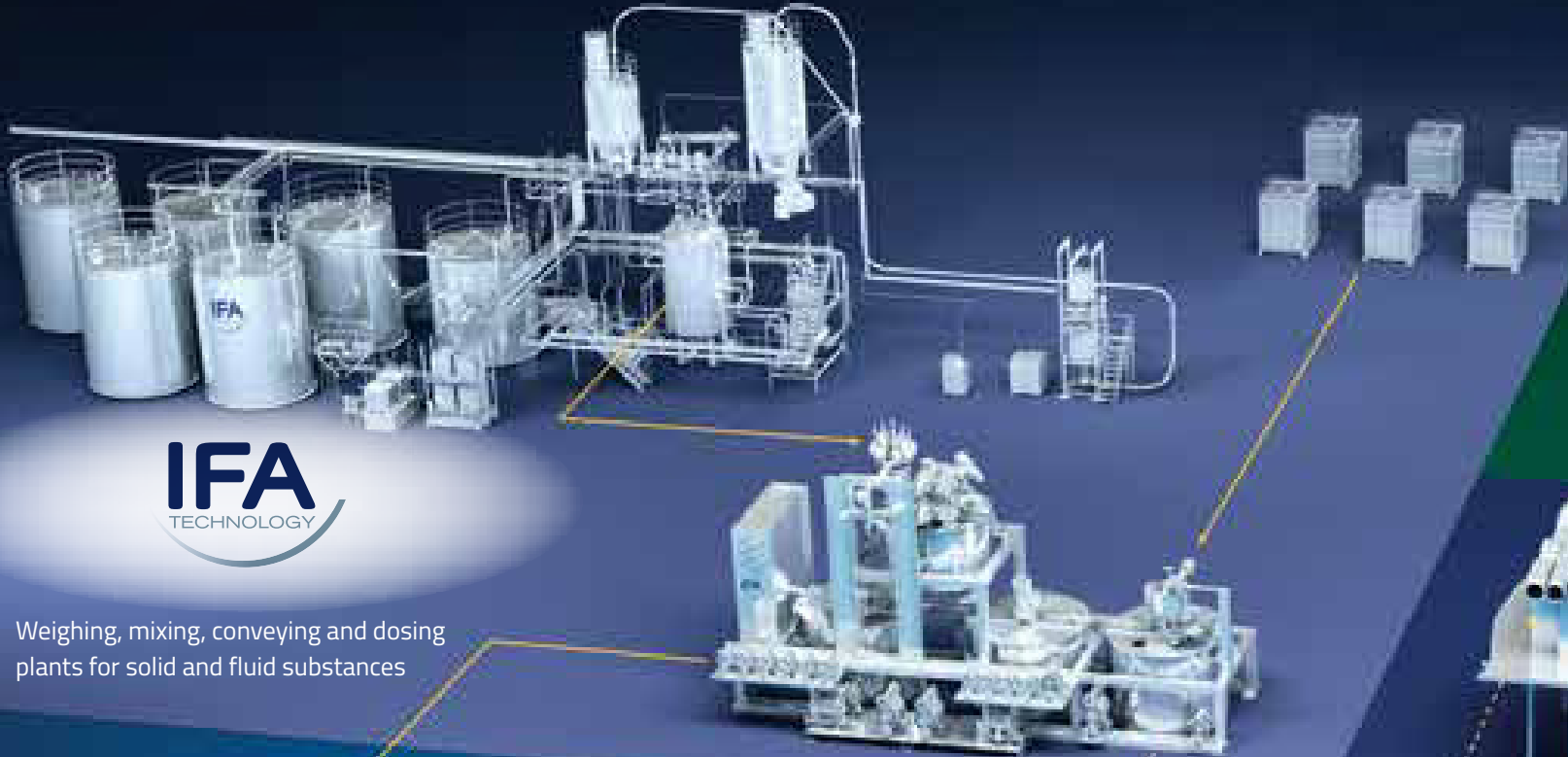


**Wessel**  
Environmental Technologies

Pollutant, odour and dust separation; heat recovery systems and intelligent system combinations



Weighing, mixing, conveying and dosing plants for solid and fluid substances



Impregnation, coating and contact-free drying





IFA TECHNOLOGY GMBH

Jurastraße 10, 86641 Rain am Lech, Germany  
Tel. +49 9090 70570-0, [info@ifa-technology.de](mailto:info@ifa-technology.de)

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