



*Production
lines*



*Transmission
installations*



Conveyors



Tanks



Machines



*Steel
structures*



Automatics



*Electrical
wiring*



Design



www.rfmah.pl







Dear Sirs,

We specialize in the design and manufacture of machines used primarily in food, pharmaceutical and chemical industries. The beginnings of our operations date back to 2006. Since the very beginning, we have been a responsible, family-owned company, whose success is based on a good team atmosphere, honesty and openness towards Customers.

It was this openness, reliability and individual approach that allowed us to build recognition in the eyes of our Contractors and establish long-term cooperation. It would not have been possible if it had not been for our employees, who with great enthusiasm co-create the company. Many of them have accompanied us from the very beginning, sharing their knowledge with new team members. We see this as one of the most important factors of our success.

We approach all business relations as partnerships. We believe that common interests should benefit all parties, and in addition to knowledge and technical background, good communication and mutual understanding play an equally important role in precise implementation of tasks ahead of us. Our cooperation with clients is not only the implementation of projects, but most of all the identification of needs, consulting and a number of additional services, which make our offer so comprehensive. We guarantee full commitment at all stages of the investment - from the design stage to commissioning, and with our advice we help our Customers select the best solutions possible.





We guarantee individual approach to each Customer, actively cooperating at all levels of the production process.

For many years we have been employing the same, proven engineering staff and more than 70 employees of the production department. By choosing our company you can be sure that the supplied devices will meet the requirements of a given industry and have appropriate certificates and documentation. In our modern CNC park we have machines that allow us to carry out all orders quickly and accurately.

In addition to standard products which have been in our offer for years, thanks to our team of experienced designers, we are able to design and manufacture individual, often non-standard devices tailored to your requirements. We not only deal with new projects - on request, we make modifications and modernizations proved necessary by the use of existing machines and equipment. We provide a wide range of additional services related to foundation of machines and relocation of entire production lines. We provide services in automation and control. Thanks to our experience and knowledge of the latest industry solutions, we advise our Clients throughout the process of planning of new investments and selection of optimal technical solutions. In other words, we can make all your wishes come true, even those which others are unable to realize.

We look forward to working with you!



Andrzej
Piędyrzecki

Kamil
Międzyrzecki





Our offer includes:

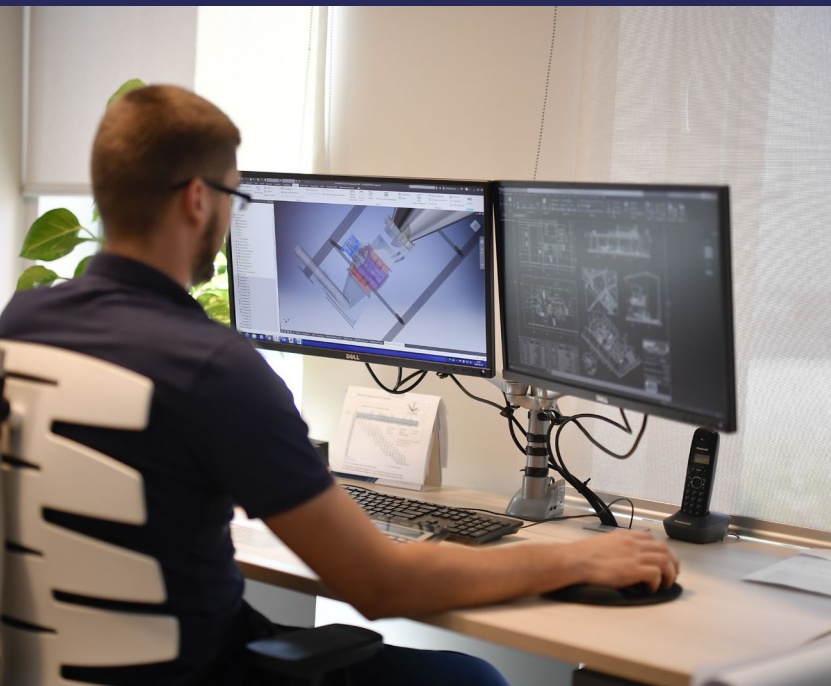
- Storage silos
- Tanks
- Transmission installations for liquid and loose products
- Platforms and structures
- Technological equipment:
 - ⚙ mixer stations,
 - ⚙ BIG-BAG
 - ⚙ dispensers,
 - ⚙ cooling tunnels,
 - ⚙ liquidators,
 - ⚙ melting machines,
 - ⚙ crushers
 - ⚙ wrapping machines
 - ⚙ coating machines
 - ⚙ sprinklers
 - ⚙ decrystallisers
 - ⚙ raw material preparation stations
 - ⚙ seasoning systems
 - ⚙ vibrating gutters
 - ...and many more



Our services include:

- design and construction of production equipment, transport systems together with transmission and technological installations
- foundation and assembly of machines, production equipment owned by the Customer
- adaptation of equipment and production lines to the Customer's needs
- relocation of existing production lines to new locations
- participation and technical assistance in the commissioning of equipment and production lines
- design, construction and implementation of control systems and electrical installations of wrapping machines, sprinklers, decrystallisation, material preparation stations, spice gutters, vibratory systems ... and many more





Design office

This is where the creation of customized machines begins.

Design is the first and at the same time the most important stage of each project. To meet our Customers' expectations, we employ more than twenty engineers qualified in the field of mechanics, electronics and construction. They are responsible for designing machines, planning the course of technological lines and optimization of production processes. We approach each project individually. Execution of all orders is preceded by a detailed interview, during which we obtain key information necessary for reliable performance of tasks we are entrusted with, and together with the Customer we define project assumptions.

Throughout the execution of orders we also cooperate closely with our Partners. For this purpose, we organize periodic meetings and videoconferences where we discuss all the details regarding executed orders. Such an approach means that every Customer can actually influence the final result of the investment and in the end is presented with a product that is fully adapted to even most exorbitant expectations. All orders are executed while maintaining the so-called good design practices.

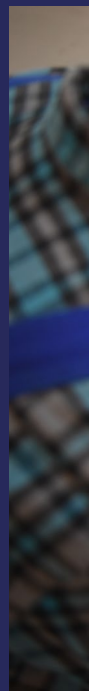
This means that machines designed by our office meet all applicable standards, often exceeding them. We owe it to the knowledge gained through cooperation with companies from Poland and abroad, for which we have constructed hundreds of machines, as well as regular participation in trade fairs and conferences, where we continuously extend our knowledge.





Offered design services:

- Machinery including non-standard struct
- Steel structures, work platforms and machine platforms
- Pipelines
- Complete technological lines and installations
- Parts of machinery and equipment
- Reconstruction and modernization of existing machines in the Customer's plant
- Reconstruction, extension, modernization and adaptation of existing lines at Customer's plant
- Prototype machinery and equipment
- Reverse engineering - restoration of existing machines and equipment





The production department

Is one of the most important links in the production chain of our company and brings together more than seventy well-trained, certified welders, fitters, insulators, turners and CNC machine operators.

It is their task to implement even the most ingenious solutions and projects developed by our engineers. Satisfied and well-trained employees of the production department are the driving force behind our company, which is why each of our employees works with equipment of the highest quality available, at well-equipped, comfortable work stations. We have two production halls designed for the assembly of prefabricated machines and a separate hall dedicated to the needs of the CNC machining department. A well-stocked warehouse with tools, fittings and frequently used parts also makes it possible to carry out orders exceptionally quickly. We maintain a stock of a large number of components used in the production of our machines, which in many cases solves the problem of long waiting times for the necessary components to arrive.

We regularly organise workshops and training for our employees to improve their qualifications and acquire new knowledge, which is truly impressive and is based on hundreds of machines, equipment and production lines developed. The employees of our production department are also qualified and authorized to carry out assembly works, working at heights, execute works requiring the use of fork-lift trucks, cranes and mobile platforms. As a result, our range of services goes far beyond mechanical engineering. We offer services related to reconstruction, repairs, relocations and adaptation of existing production lines at the production plants of our Customers.





Out of concern for precision of workmanship, shortening the time of execution and protection of dozens of original construction solutions, our production department has been extended with our own CNC machine park.

At our sole disposals we have both modern, numerically controlled CNC machinery, as well as conventional machines:

- ▮ CNC milling machine
- ▮ CNC lathe
- ▮ Water jet cutting machine
- ▮ Laser for cutting metal sheets
- ▮ CNC automatic profile cutting machines
- ▮ Edge presses
- ▮ CNC guillotine for sheet metal cutting
- ▮ Milling machines
- ▮ Lathes

We operate all around Europe.

Throughout many years of our operations, hundreds of companies have decided to entrust their projects with us and make use of our offer. You are more than welcome to test our capabilities yourself!

Our rich portfolio includes projects implemented for companies such as:

- Sante
- Mars Poland
- Intersnack
- Mondelez
- PepsiCo
- Ferrero Poland
- Kupiec
- Sonko
- Pszczółka
- Lorenz
- Unilever
- Good Food
- Lambertz
- Lesaffre Ingredients Services
- Nestle Poland
- Mieszko
- Bama
- Lajkonik
- Brüggen
- Oskroba
- Grupa Colian
- Prymat
- Agro-top
- Ludwig Schokolade
- Delicpol
- Royal Canin
- Bakalland
- Millano

and many others....

Feel free to browse our offer!



RF-MAH
Prawików 10
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Dolnośląskie District



COMPLETE TECHNOLOGICAL LINES

We hold extensive experience in creating complete technological lines adapted to any type of products, not only food.

We have our own construction and technical facilities. We provide our Customers with advisory services in case of developing new projects and concepts. Thanks to our qualified team of engineers, constructors, programmers and technologists, we offer implementation of complete production lines together with automation and control.

We also deal with modification and expansion of existing production lines.

Execution of technological lines is a complex process, requiring good planning of each stage of investment. For each project, we develop a detailed schedule that allows minimizing downtime and ensuring the highest quality of services provided.



DESIGN STAGE

- Specifying Customer's needs and requirements
- Specifying detailed project requirements and technical specification for the installation
- Developing initial concept
- Review of Customer's requirements
- Developing the executive design



EXECUTION STAGE

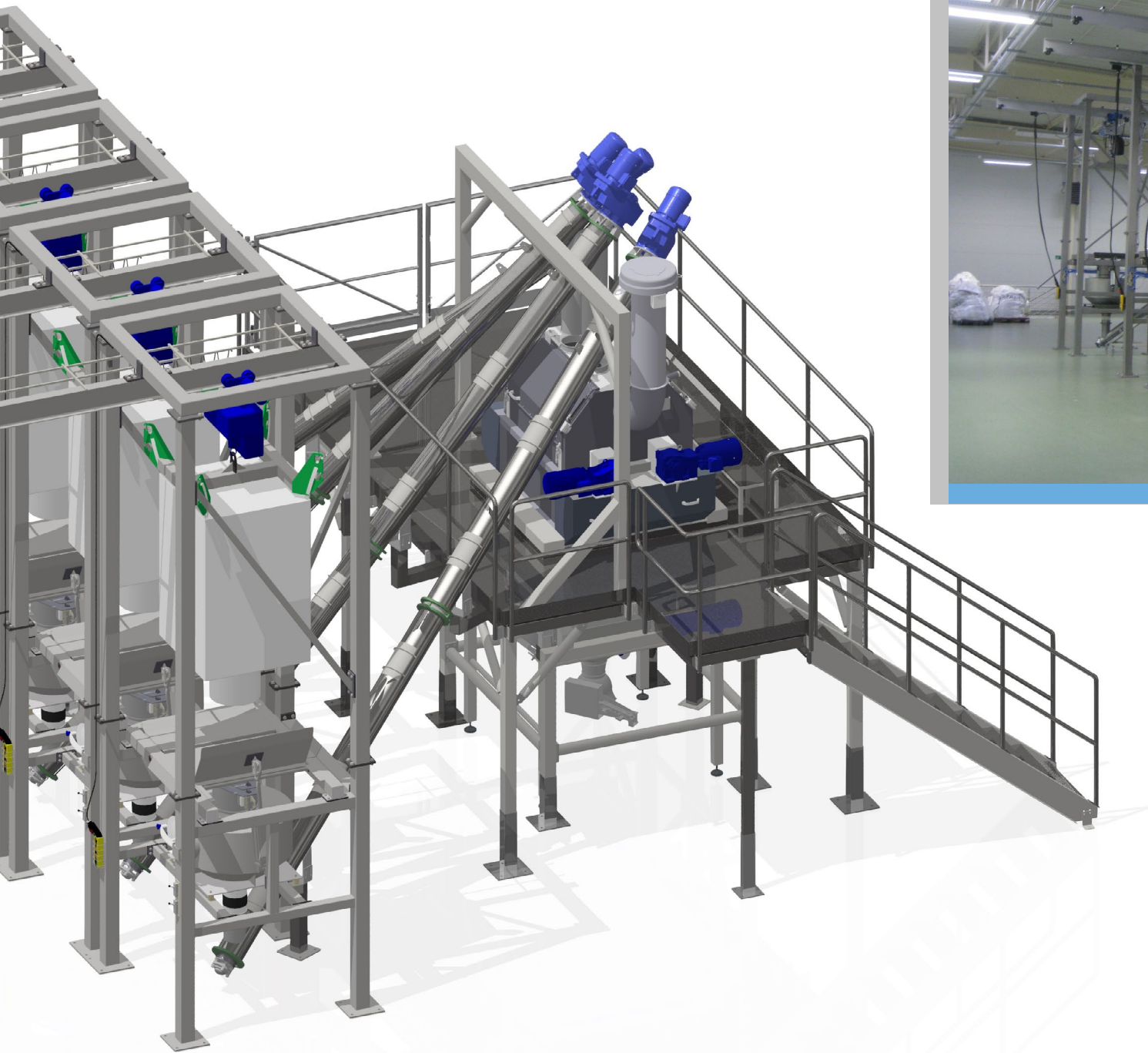
- Prefabrication of machines and assemblies
- Tests and quality assessment
- Preparation of machinery and equipment for assembly
- Preparation of the assembly schedule



IMPLEMENTATION STAGE

- Execution of technological assemblies
- Execution of electrical installations, electrical and control cabinets
- Commissioning and testing
- Preparation of as-built documentation
- Training
- Service and warranty support





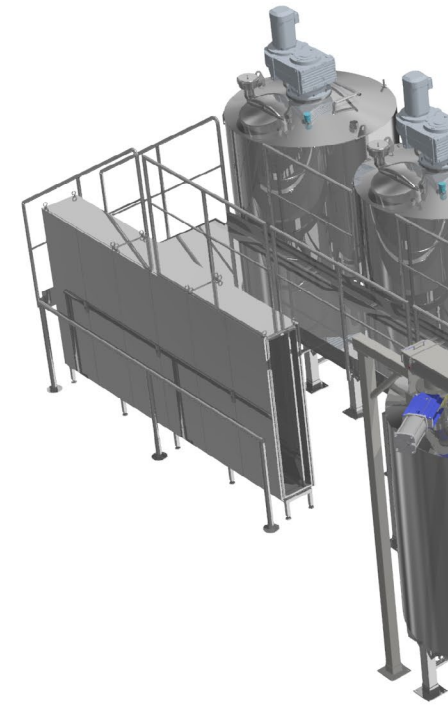
TANKS

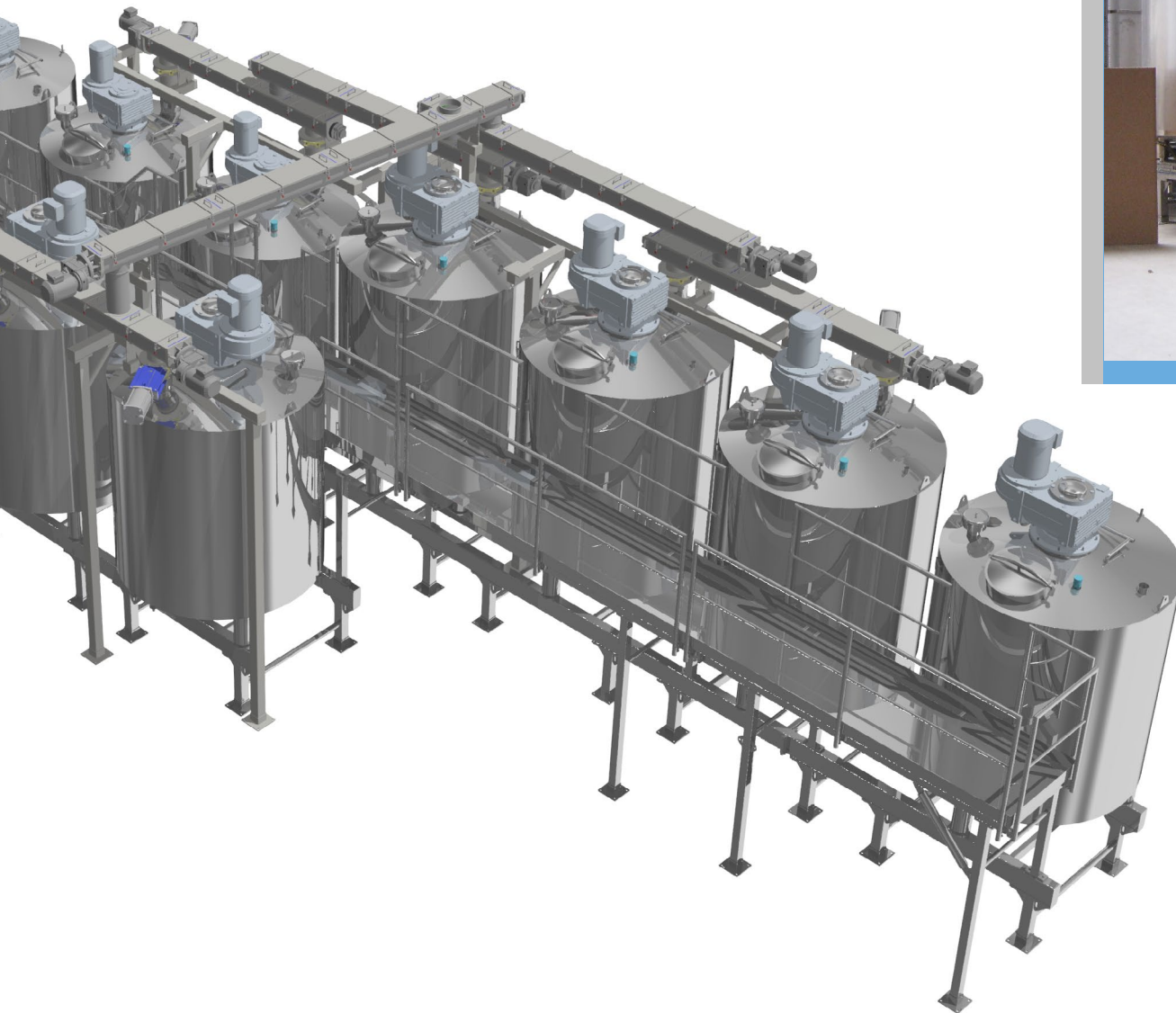
We produce a wide range of tanks, starting from small tanks of liquids and food products with a capacity below 1000l, through structures equipped with heating, cooling, washing systems, mixers and filters, to large tanks with capacity reaching several hundred m³.

We produce complete transmission sets consisting of many interconnected devices. Very often we expand the existing infrastructure at the production plants of our Customers. We offer storage tanks as well as constructions equipped with various types of high and slow-running mixers with shape and speed adapted to the type of product mixed. A well-designed and manufactured mixer often determines the success of the entire production process, so the geometry and type of the mixer are carefully selected by our engineers according to the production process in which they are used. We use vane, frame, anchor, rotor, turbine, worm, belt mixers as well as stirrers equipped with product scrapers and collectors.

The basic material used in the construction of our tanks is stainless steel AISI 304 (1.4301) and AISI 316 (1.4401). Depending on the application, we use steel grades with different carbon content and alloying additives. We produce tanks in multi-layer systems, also in the PILLOW-PLATE technology and tanks insulated with mineral wool.

In order to adapt to the needs of our Customers, we use various variants of the location of mixers and their drives. We offer tanks with upper, lateral, oblique and bottom agitators. Our tanks have a wide range of operating temperatures, and careful selection of all parameters results in devices matched perfectly to process conditions, guaranteeing safe and efficient processing of a wide range of products. In case of any doubts, we assist our Customers in making the right choice.





Our offer includes:

- Mobile tanks
- Storage tanks
- Process tanks
- Aseptic tanks
- Brewing tanks
- Wine tanks
- Process water tanks

Many years of experience in the industry have taught us that food industry machines should not have elements that cause accumulation of food products. When developing our tanks we make sure that there are no such spots both inside and outside, while the design of our products itself meets the hygienic requirements of the food industry and enables quick and easy cleaning. We also manufacture tanks equipped with various washing systems, including the CIP system, washing nozzles, etc.



An important part of any tank is its equipment. At Customer's request we offer equipping our tanks with various sensors, e.g. level, temperature and weight sensors. We also take care of operational safety by installing limit switches and safety grilles. All tanks equipped with drives are so constructed that, in an event of a failure, the oil contained in the engine does not penetrate into the tank. We often integrate our tanks with existing transmission systems – then all product connections and heating elements are located in a way that enables quick and easy connection to existing installations.



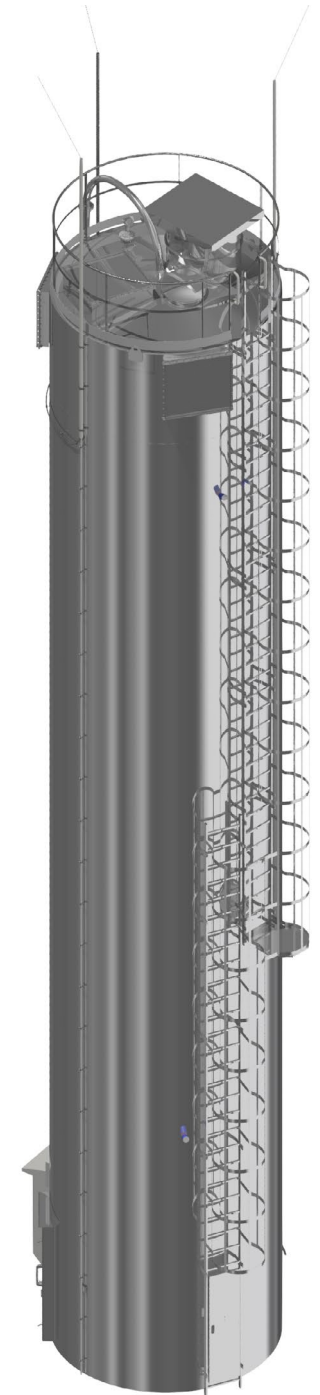
STORAGE SILOS

Our offer includes various types of silos designed for loose substances: silos seated horizontally, vertically, as well as insulated and uninsulated silos. We develop silos of different shapes and dimensions, in many different configurations depending on Customer requirements. Where silos' dimensions exceed transport capabilities, the device is manufactured on site.

We offer silos equipped with:

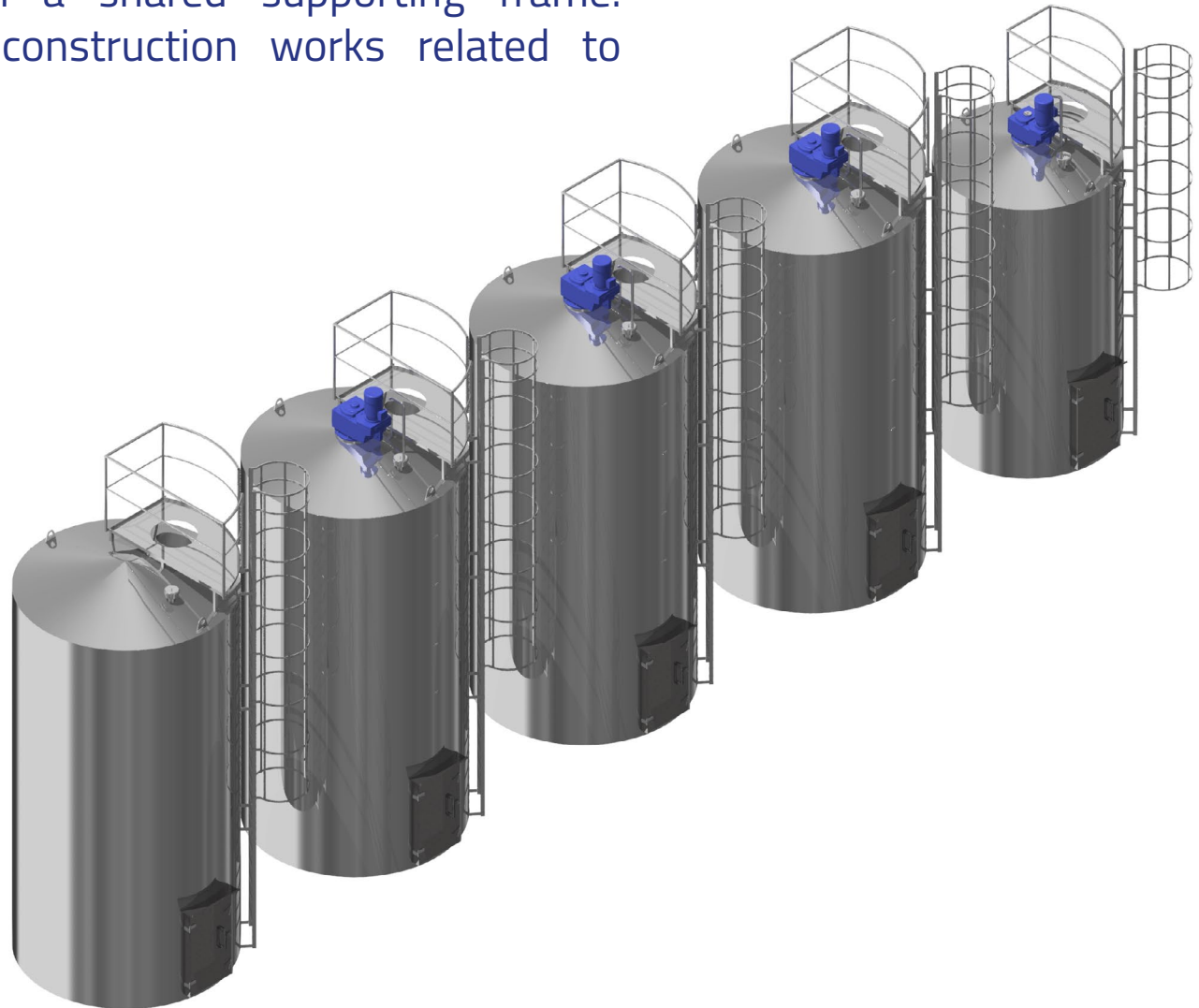
- dehumidified airflow
- aerovibrators
- active bottoms
- monitoring of level and temperature, humidity, strain gauges, etc.
- service platforms
- wall and roof ladders
- inspection hatches
- overpressure and vacuum safety flaps
- dust extraction filters
- thermal insulation
- heating and cooling systems
- magnetic and sieve filters
- filling connections, e.g. for road tankers

... and many other improvements.





We often develop silos and tanks in combination with complete installations for transporting raw materials. We produce both free-standing silos on our own supporting structure with concrete foundations, as well as groups of silos and tanks located on a shared supporting frame. We also offer comprehensive construction works related to foundation of new silos.





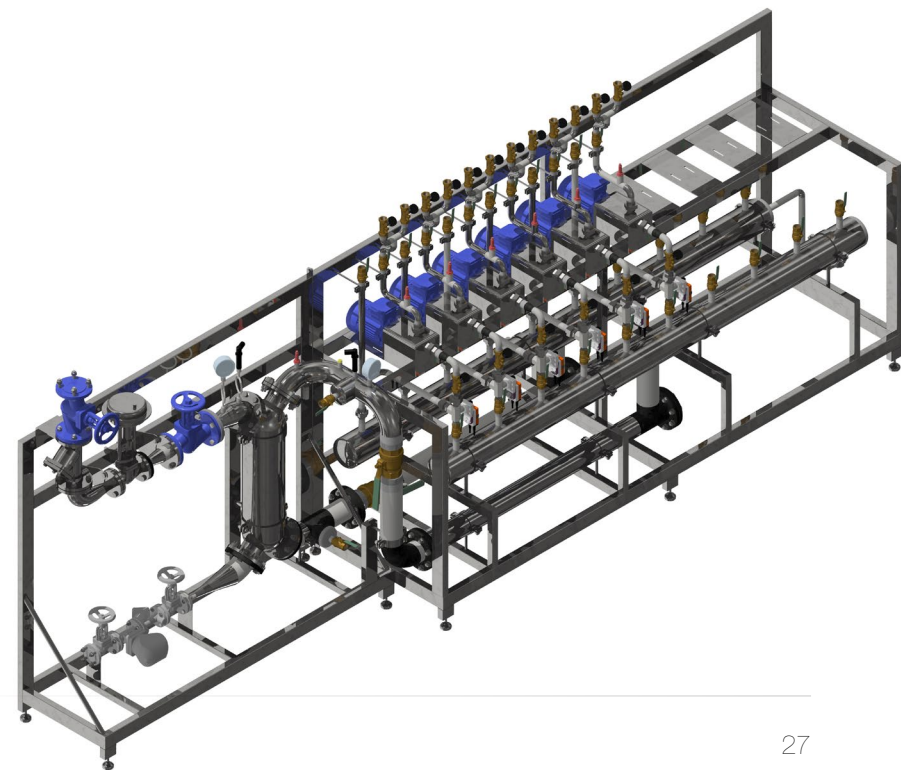
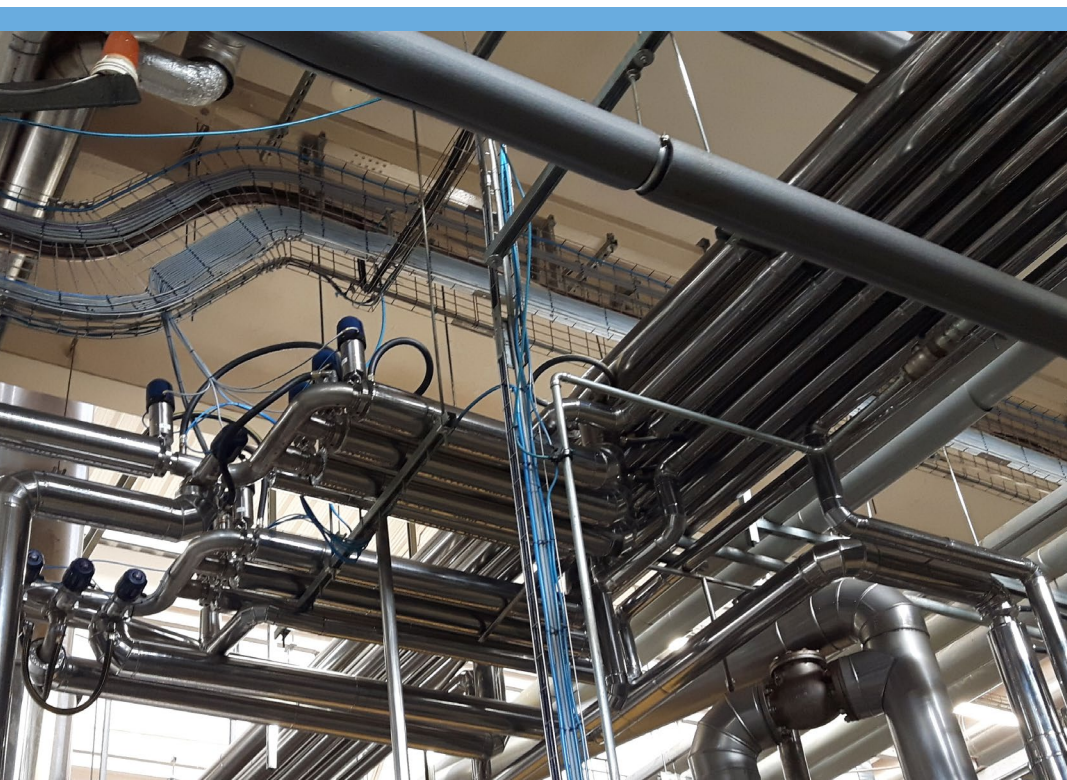
PRODUCT TRANSFER INSTALLATIONS

Transmission installations are an inseparable element of technological installations in which tanks and silos are used. As a leading manufacturer and supplier of tanks and silos, our company is also experienced in designing, prefabricating and assembling piping systems:

- single-jacket
- double-jacket
- triple-jacket
- with water heating jacket
- with steam heating jacket
- insulated or uninsulated

Precise preparation of installation's prefabricates contributes to a significant reduction in installation time, which results in time and cost savings for the entire project.

We offer prefabrication and assembly of pipelines in all available nominal diameters. We use different ways of connecting pipelines, e.g. flanged, threaded, and clamped. Depending on the working environment, we offer various materials, mainly stainless steel AISI 304 and AISI 316. The insulation and its sheathing are selected individually, according to Customer's needs. We use different insulation materials depending on the parameters of the technological process and working environment. At Customer's request, we equip pipelines with valves, flow meters, sensors, magnetic filters of our own manufacture and flow forcing systems, the type of which is selected for a given type of product, making all of our installations meet all and even the most exorbitant requirements of the technological process which they are a part of.

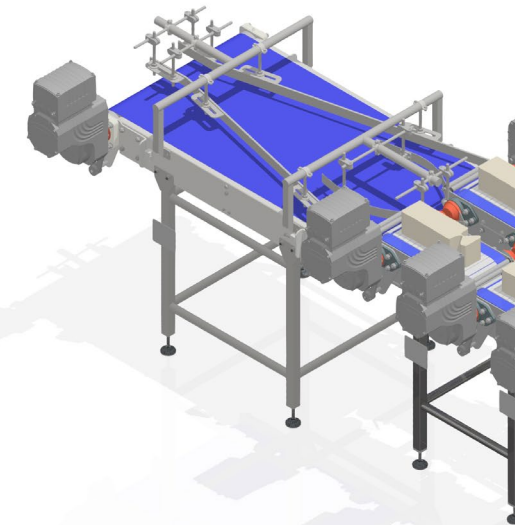


CONVEYORS

Properly designed and reliable conveyors system is one of the primary elements of the production and distribution process. In order to meet the expectations of our Customers we offer a wide range of different types of conveyors, specially adapted to your needs.

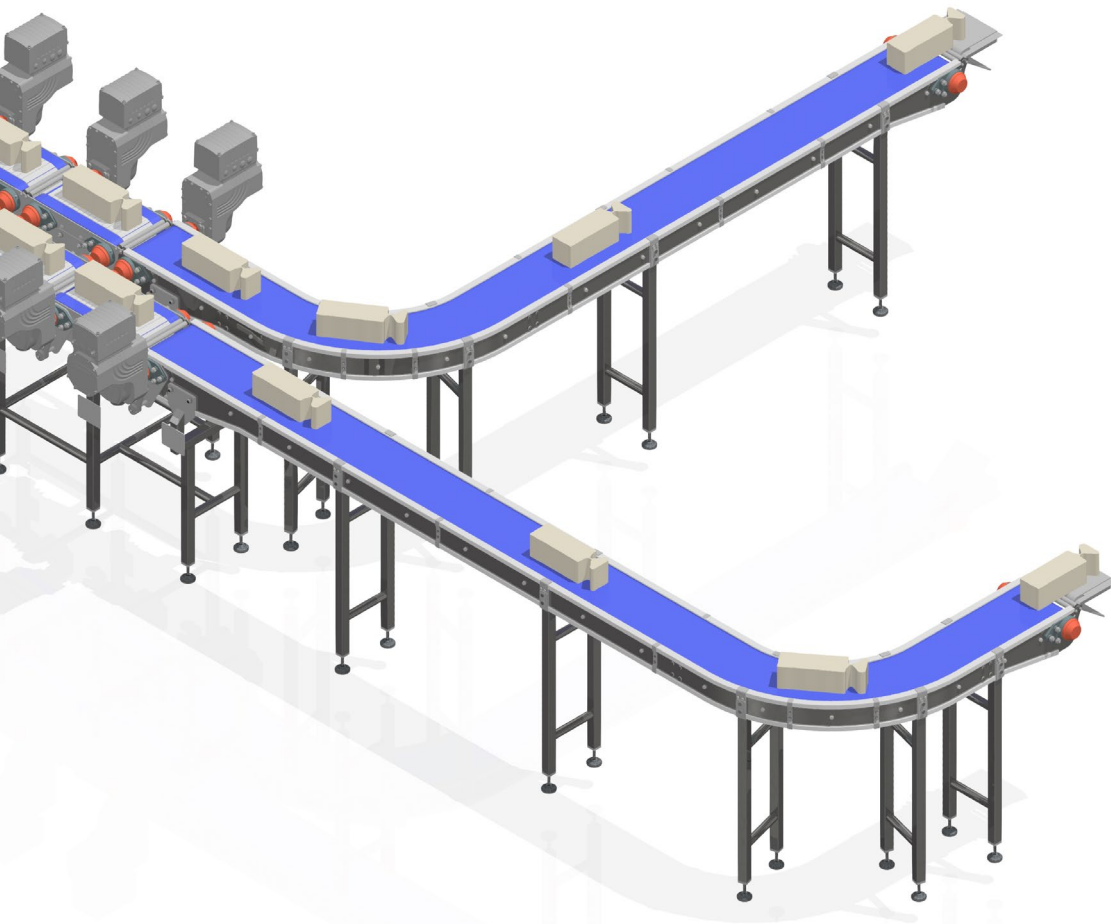
The purpose of modern conveyor systems should not be limited only to the transport of products. In order to meet the requirements of our Customers, the devices we offer have a number of additional attributes increasing their functionality. We offer conveyor systems equipped with sensors and detection systems, e.g. metal and sorting and weighing systems. We offer conveyors with speed regulation and reversing systems, allowing you to change the direction of transport. Our offer includes conveyors of variable length and height, as well as structures based on mobile frames. The use of carefully designed shield systems, as well as numerous protections in a form of limit switches and optical sensors guarantee safe operation. An important feature of a well-designed conveyor is the possibility of quick and easy cleaning of the device. This allows for a special design of housing elements and use of easily removable waste trays, scrapers and product collectors.

We also pay special attention to good preparation for installation at Customers' facilities, adjusting to the conditions of foundation of existing installations. We understand that the equipment consisting particular lines operate as a single system and should be matched in such way as to ensure maximum possible throughput and minimise downtime. We offer both stand-alone machines adapted to existing transport systems as well as comprehensive transport systems consisting of many interconnected devices.



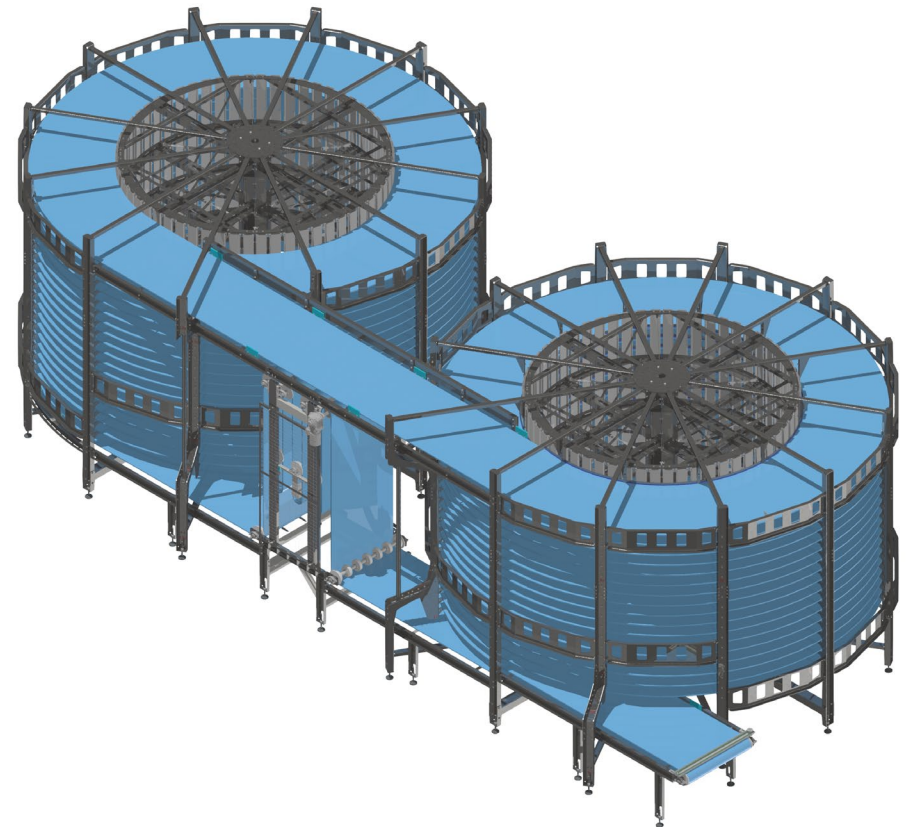
Our conveyors can be divided into several groups with different design:

- Spiral conveyors
- Belt conveyors
- Roller conveyors
- Auger conveyors



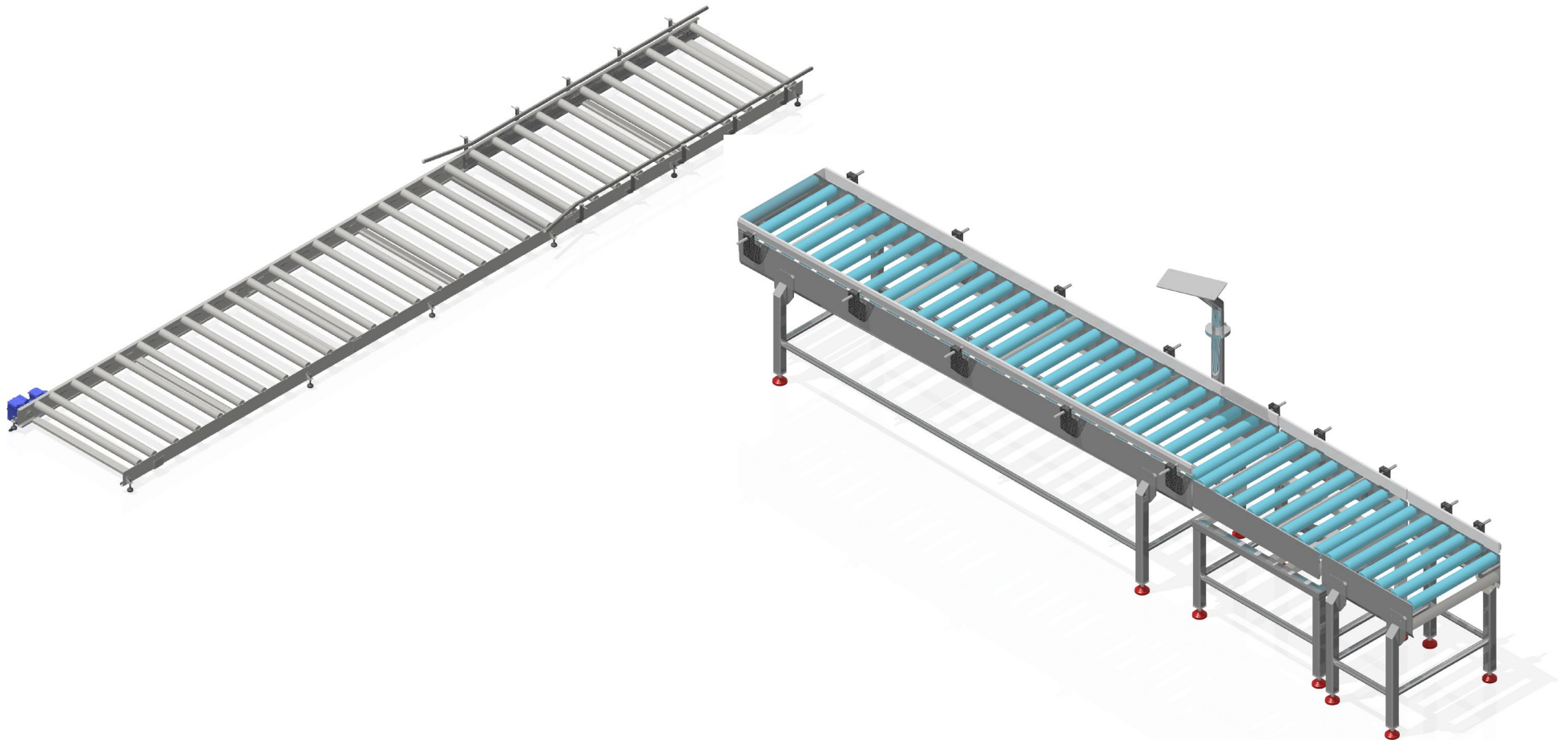
SPIRAL CONVEYORS

It is a type of conveyors designed to extend product transport distance, at the same time occupying a relatively small working area. Spiral conveyors are most often used when the transported product has to be subjected to certain production processes, e.g. cooling, freezing, heating, etc. We construct spiral conveyors of different diameters and number of coils. It allows to obtain almost any transport distance, while maintaining relatively small dimensions of the device. Depending on the purpose, we offer a possibility of equipping the conveyor with various types of refrigerating units and insulation to facilitate the production process. In this type of conveyors we most often use mesh and modular belts and reversible drives.



ROLLER CONVEYORS

We recommend this group of conveyors for transporting products of compact construction, e.g. boxes, pallets, containers, etc. We offer roller conveyors in versions with drive that moves all rollers, only their parts, as well as in the gravitational version, without a drive. The range of load capacity of our conveyors ranges from a few to several hundred kg/m and determines the way the drive is carried, the construction of the supporting frame and the type of rollers used. In case of small weight of transported elements, we usually use rollers made of plastic, e.g. polyurethane, whereas in the case of heavy loads, we usually use steel or galvanised rollers, bearing on the outside. Roller conveyors are made both in straight and curved versions, which makes it possible to obtain almost any route of the transport line.



BELT CONVEYORS

This is the most popular type of conveyors used by our Customers. We develop belt conveyors that enable transport of any kind of products of various sizes. We offer straight belt conveyors, Z-type, L-type, as well as curved conveyors in the range from 30° to 180°. We use many types of belts - from light transport belts, through modular, mesh and lamellar constructions, to acetal chains and transport belts. In case of products intended for food industry, we provide the required approvals for all materials in contact with food products. We use various forms of conveyor tips - roller and nose conveyors, especially useful in interconnecting the conveyors for transporting small products. All conveyors we develop are equipped with a convenient mechanism for adjusting the tension of the conveyor belt. We produce both open and hermetic closed constructions. We offer steel and plastic covers made of polycarbonate and PVC.



AUGER CONVEYORS

Auger conveyors are a frequent choice when transporting loose, fine-grained materials and when it is important to prevent product dusting. Our offer includes auger trough conveyors, which allow worm gear inspection after removing covers and tubular conveyors, which can operate even at significant inclination angles. We offer various variants of worm gears, including coreless and variable pitch gears with diameters ranging from 50 to 800 mm. With the use of bearings, the length of one device can be as long as 50m. We often equip our conveyors with backfill baskets and hoppers. In conveyors designed for transporting inconvenient raw materials we use special bearings and seals, e.g. double lip seals.



STEEL PLATFORMS AND STRUCTURES

Structures and platforms are elements that must comply with a number of occupational health and safety regulations and standards. We design and manufacture various types of platforms - access platforms, footbridges and load-bearing structures for machine foundations. Our platforms comply with a number of conditions for stability and strength; we also make sure that they do not transmit vibrations to other elements placed on them.

We execute orders according to our own designs and those provided by our Customers. Depending on the purpose, platforms are made of stainless steel, structural steel, galvanized or powder-coated steel. We offer powder coating in any colour of choice from the RAL palette.

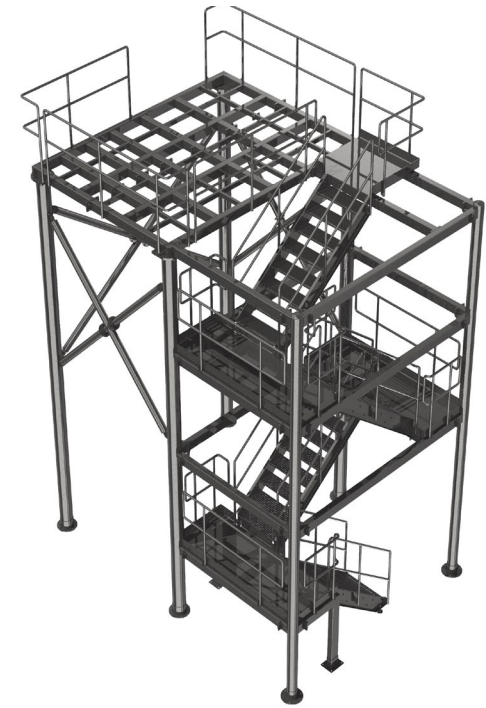
We assemble large-size platforms at our Customers' facilities from previously prepared segments. We offer several variants of sheathing, using corrugated steel and aluminium sheets, as well as gratings with a selected perforation size. We offer platforms with removable barriers, mobile platforms, we develop structures equipped with stairs and access ladders, safety gates and lifts delivering cargo to a selected level. We manufacture platforms equipped with supports, suspended platforms, platforms fixed to walls and floors.

Production of each platform is preceded by appropriate calculations that enable us to optimize production costs, while maintaining high durability and safety of our products. Apart from platforms, we also manufacture steel frames, racks, support structures for machines and equipment, brackets and many other, even the most complex steel structures.





Currently, steel structures are very often used to extend the working areas of production halls and to facilitate access to machinery. Our platforms are made of assembled prefabricated elements which allow for their quick installation and to reduce production downtime to an absolute minimum. This is due to early planning of assembly works. As early as at the design stage, the optimal platform division into individual elements is selected, which ensures relatively simple assembly, while maintaining highest strength parameters. In addition, we employ several teams of fitters, licensed to work at height, dedicated to installation of platforms. As a result, all assembly operations are carried out carefully and quickly.



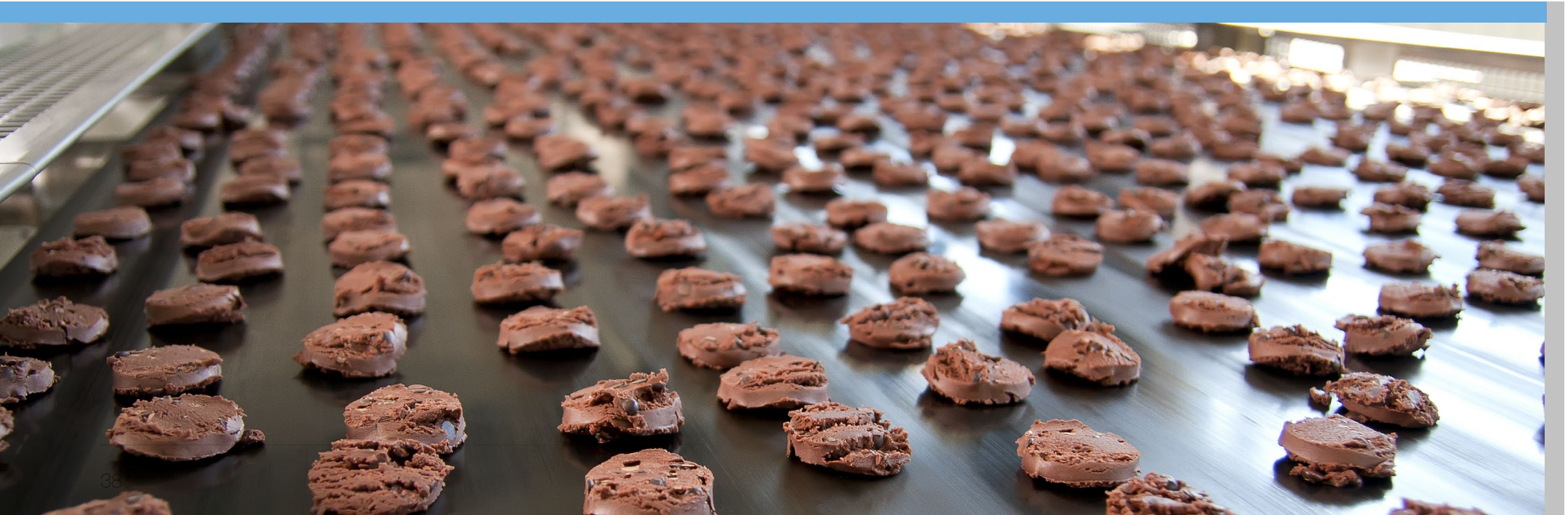


TECHNOLOGICAL EQUIPMENT

We hold many years of experience in designing and constructing technologically advanced, complex devices for various industries. This allows us to develop even the most complex mechanisms.

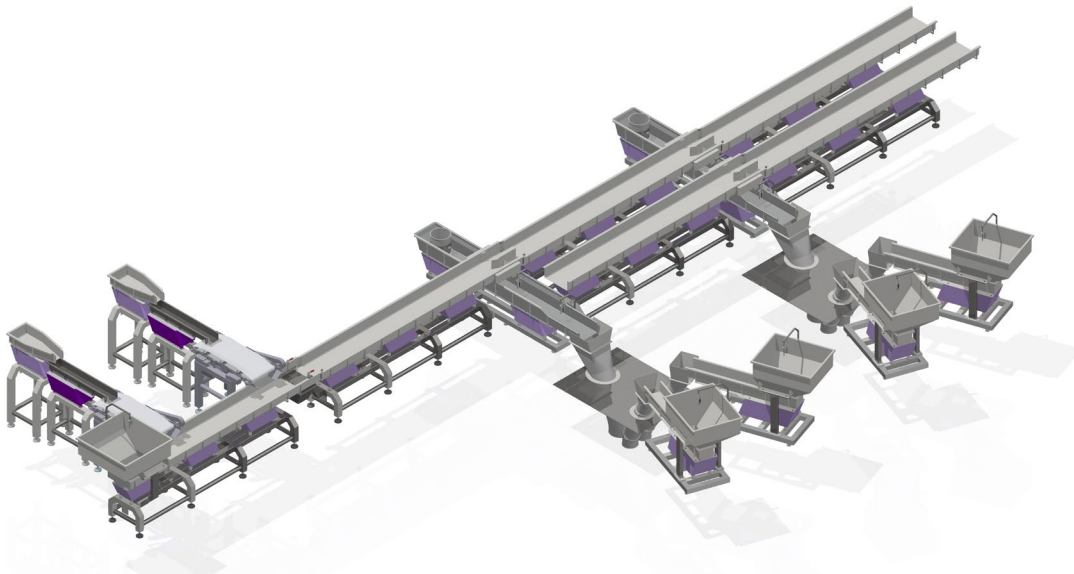
The basic principle of our company in selecting and developing the equipment is the principle of careful design according to Customer's specifications and requirements. Since the very beginning, these principles are the core value of our operations. We are ready to advise you on selection of materials, shape and equipment of the device. This way, a perfect product is created from the technological model, according to your expectations. Cooperation with our company ensures that each project will be carried out with utmost care.

In order to ensure the best possible project implementation, we organize regular meetings with our engineers and technical advisers, so that you can participate in the whole process - from the design to the production of the device, providing us with your observations and comments on an ongoing basis.



VIBRATING GUTTERS

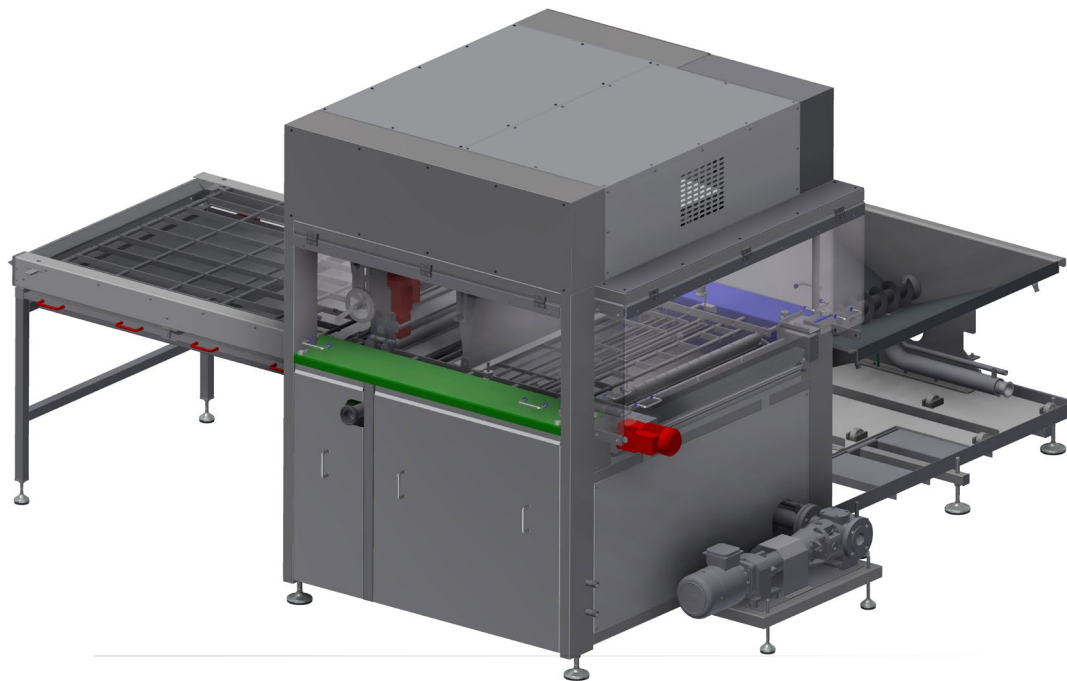
In addition to the most popular transport systems, i.e. belt, auger and roller conveyors, we also offer alternative transport systems. Our offer includes vibration gutters equipped with electromagnetic drive, which are perfect for dosing, weighing and transport of loose and brittle raw materials. We offer a variety of foundation solutions, including suspended structures and load-bearing frames. We develop both open and hermetically sealed constructions. If necessary, we combine individual devices into complex transmission units, tailored to existing installations at our Customers' facilities.



WRAPPING MACHINES

We manufacture wrapping machines designed to work with chocolate and chocolate-like products, used for coating pralines, wafers, bars, chocolates, sweets, etc. We are ready to adapt and optimise coating machine performance and parameters to particular applications. We additionally equip our machines with product transport systems.

Our wrapping machines are produced as stand-alone machines adapted to existing production lines at our Customer's plants or in combination with our other production machines - cooling tunnels and transport systems. If necessary, we also equip our machines with various product decoration systems. We know that in confectionery industry product appearance is crucial, therefore all sizes of our machines, their performance and coating method, are selected individually for a specific type of product. This enables our Customers' products to look aesthetic, appetizing and to encourage purchase. All wrapping machines are equipped with an intuitive and modern control system.



Main attributes of our wrapping machines:

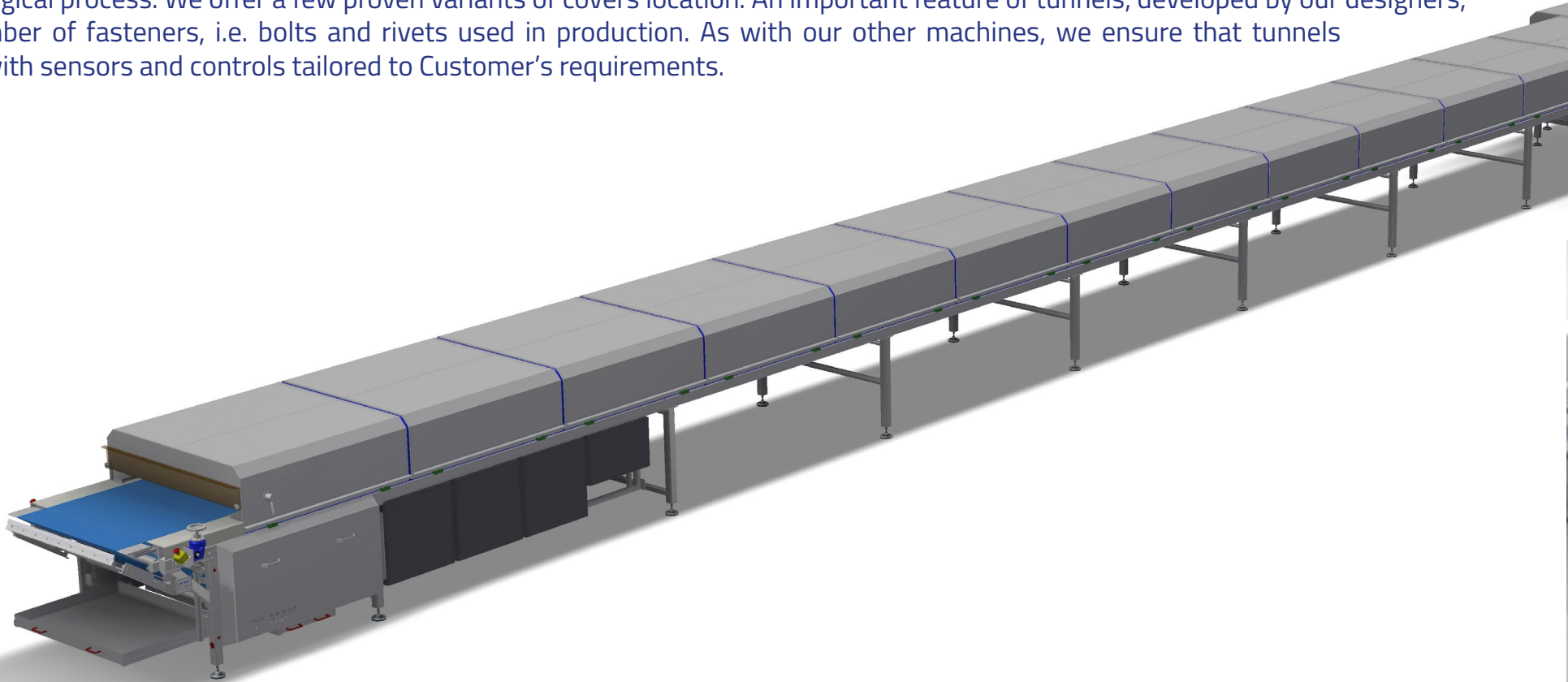
- The entire structure - frame, tank, tub, mesh - all made of polished stainless steel AISI 304.
- A possibility of total or one-sided chocolate coating.
- Structure seated on feet with a possibility of precise levelling.
- Chocolate tank with heating jacket equipped with stirrer and flow meters
- Double curtain for chocolate application.
- Distribution tray with height adjustment.
- Vibrating chocolate removal system.
- Exchangeable chocolate tray equipped with a stirrer.
- Intuitive control panel, use of temperature, level, flow and speed sensors.

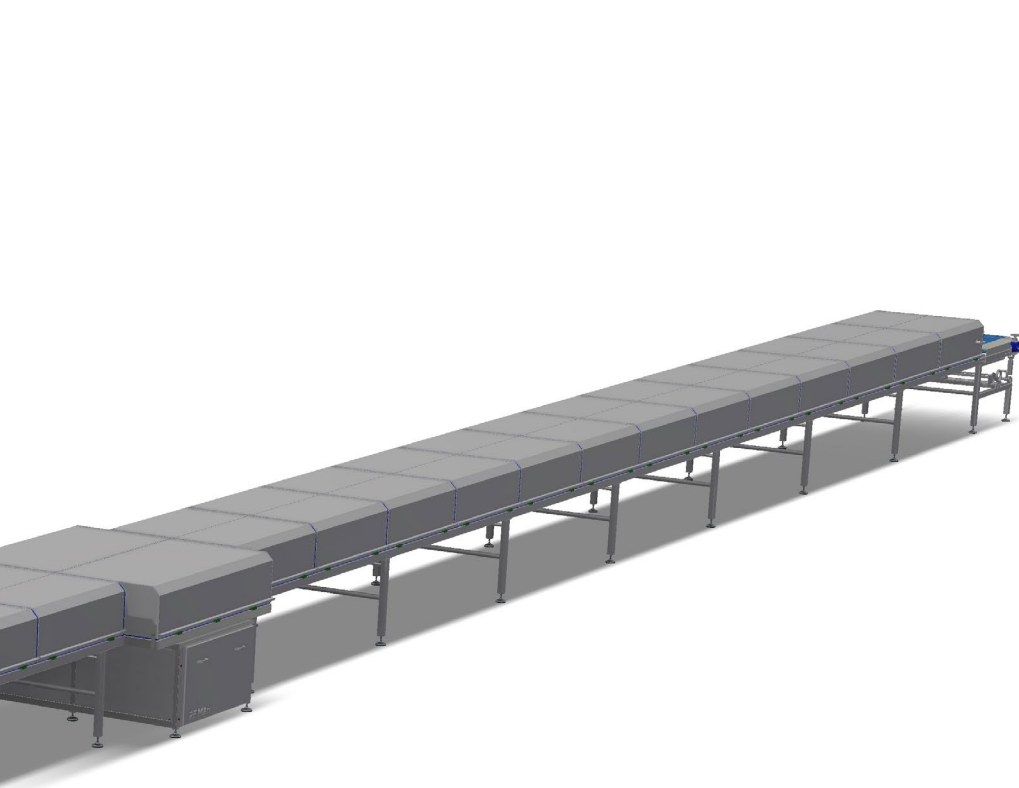


COOLING TUNNELS

Cooling tunnels are most often used to transport and cool various types of confectionery products, e.g. biscuits, bars freshly coated with chocolate and all kinds of substances that should have a low temperature during the production process. We also offer developing tunnels that increase the temperature of transported medium.

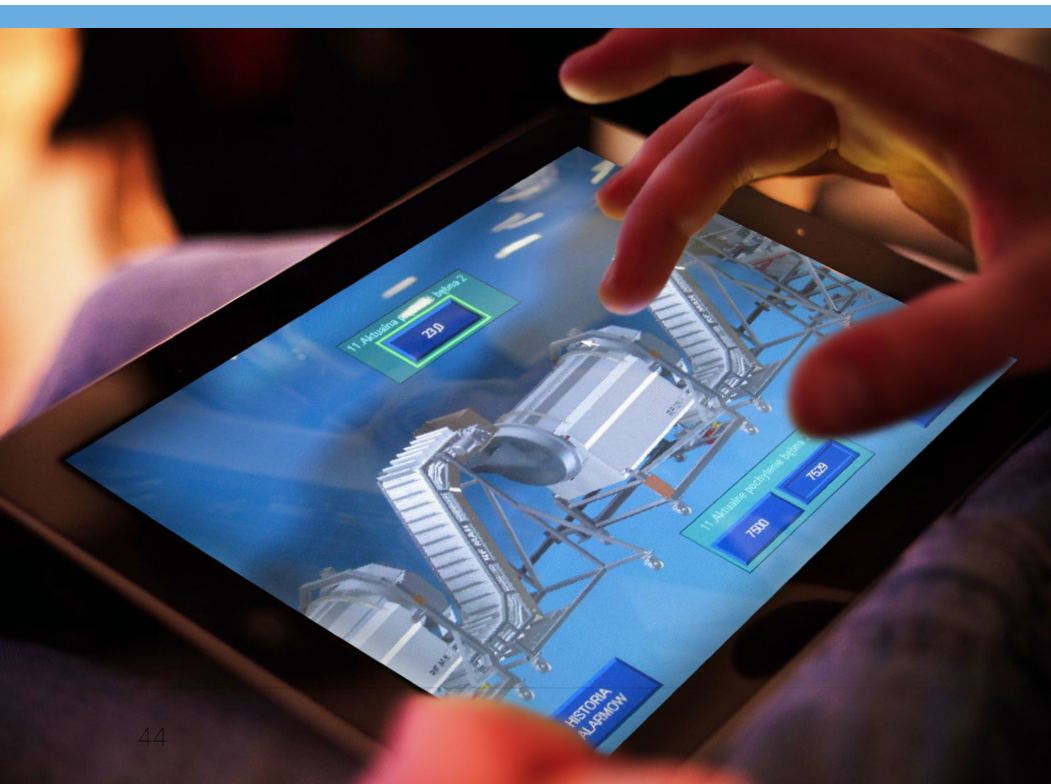
Depending on Customer's requirements, we most often develop cooling tunnels with a width of 40 to 2000 mm and a length ranging from 25 to 100 m. We use high quality conveyor belts with appropriate approvals for food industry. Covers installed in our tunnels are characterized by high hermetic tightness and excellent thermal insulation properties. This allows to reduce operating costs and improves the properties of the technological process. We offer a few proven variants of covers location. An important feature of tunnels, developed by our designers, is a small number of fasteners, i.e. bolts and rivets used in production. As with our other machines, we ensure that tunnels are equipped with sensors and controls tailored to Customer's requirements.

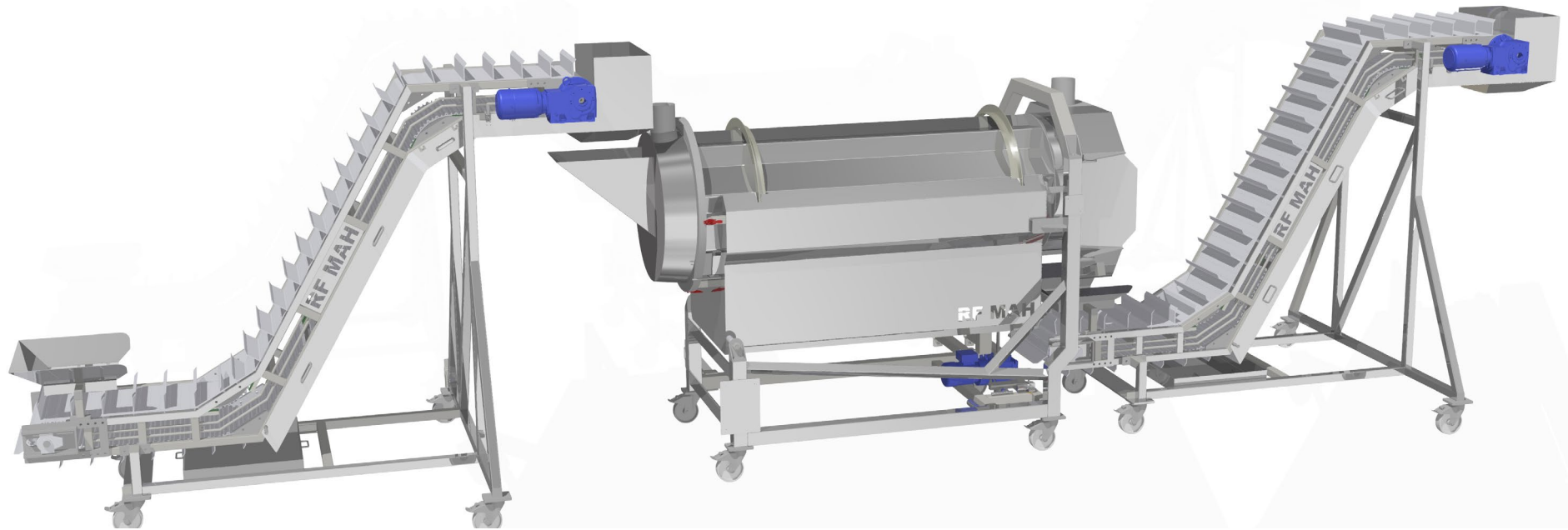




COATING MACHINES AND SPRINKLERS

We offer various systems of sprinkling and product flavouring, including flavouring drums used to coat and wrap food products, i.e. crisps, flakes, biscuits, with spices. Our drums provide a possibility to select the direction of rotation, to adjust rotary speed and the degree of drum tilt. The shape of drum's interior is selected based on the product spiced, as to optimise the spicing process.





BIG - BAG Stations

We offer a wide range of loading and unloading stations for BIG-BAG type bags with a load capacity of 1 to 2.5 t.

We offer single or multi-tractor stations. Our stations are characterized by components of the highest quality available. We only use hoists from the best manufacturers. All stations have are equipped with a very intuitive, simple control system. If necessary, we integrate stations with e.g. service platforms, transport systems, screening machines, shredders. We assist in the completion of appropriate documentation required for Technical Supervision Office acceptance.



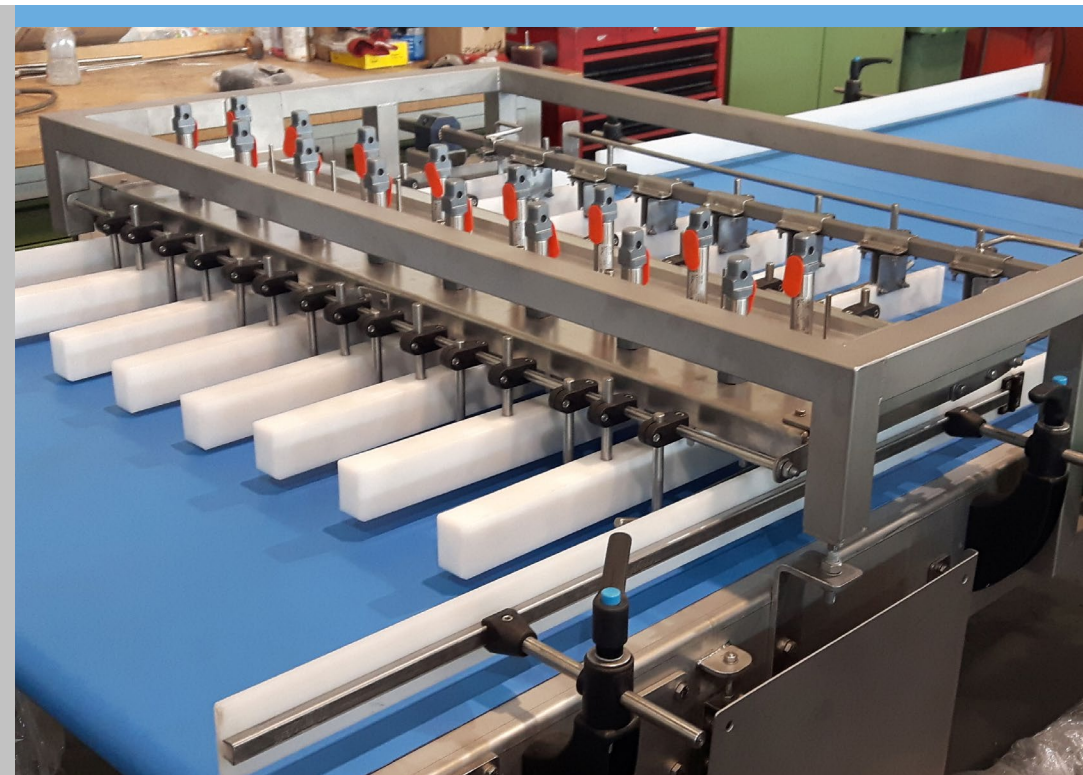
We offer various variants of station equipment:

- Typical load capacity from 1 to 2.5 t
- Possibility of using a buffer tank or a charging hopper
- Knife gate valves, pneumatic cylinders or iris valves on product discharge
- Sleeve connection with pressure ring
- Possibility of fencing the station, use of safety guards
- Liftable pressure ring, equipped with gas springs for easy lifting
- Electric vibrator-assisted discharge for good bag emptying



SORTERS

We offer sorting systems for food products and packaging. Depending on Customer's we use different types of sensors. We use pneumatic and electrical actuating systems. We integrate the systems both with the existing machines at the Customer's plant and with machines of our own production. All our solutions are safe for parts sorted.



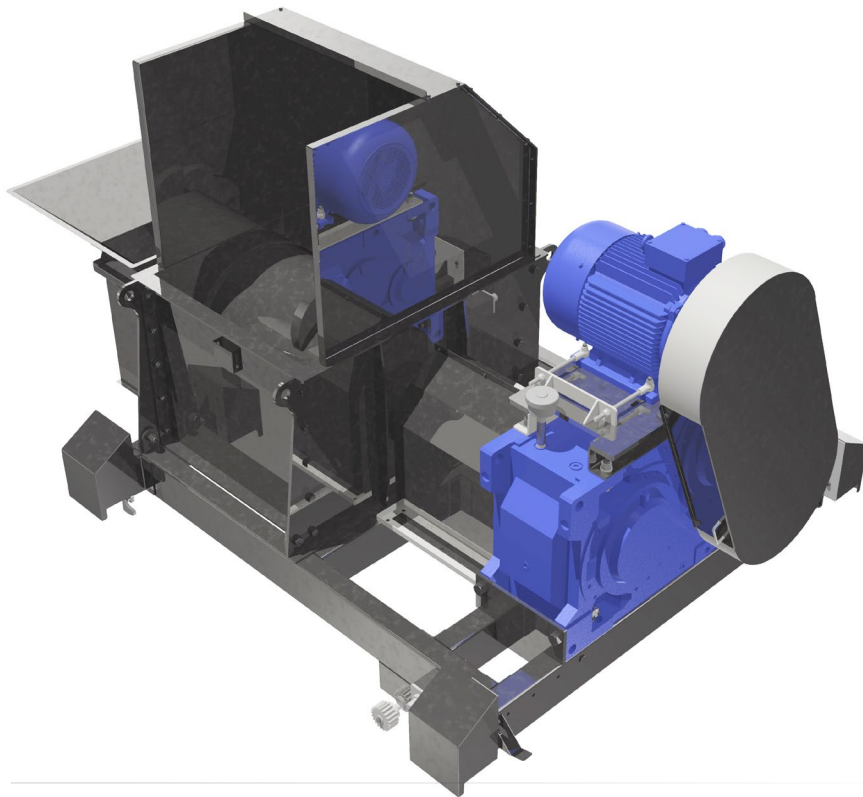
METLING MACHINES

We offer melting machines for all types of fats and chocolate masses. Our offer includes both tub melters with heating spiral as well as grate melter with single or double heating grate, in mobile and stationary versions. Our melters are equipped with level sensors, temperature controllers, electric heating and pumps supporting the circulation of heating medium. The shape of tubs and tanks is selected in such a way as to minimize product accumulation and to enable complete emptying of the melted raw material.



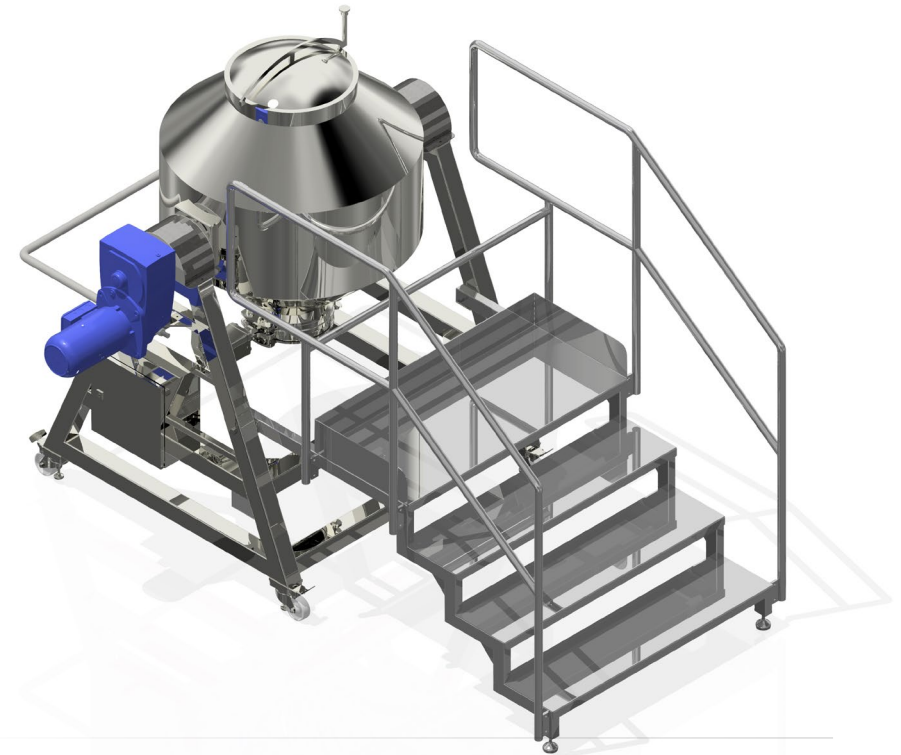
CRUSHERS AND SHREDDERS

We manufacture a wide range of crushers for crushing food and other products. Key parameters, i.e. product efficiency and fragmentation, are selected according to Customer's requirements. The shape of mechanical elements responsible for crushing is selected individually for each type of product. We have a number of original, proven construction solutions, developed by our team of designers and tested on many types of products. We take special care in regard to safety of our machines, which is why we use numerous protections, e.g. safety grilles and limit switches. We also make sure that the crushers can be easily cleaned and maintained, which is very important in case of facility of such work specificity.



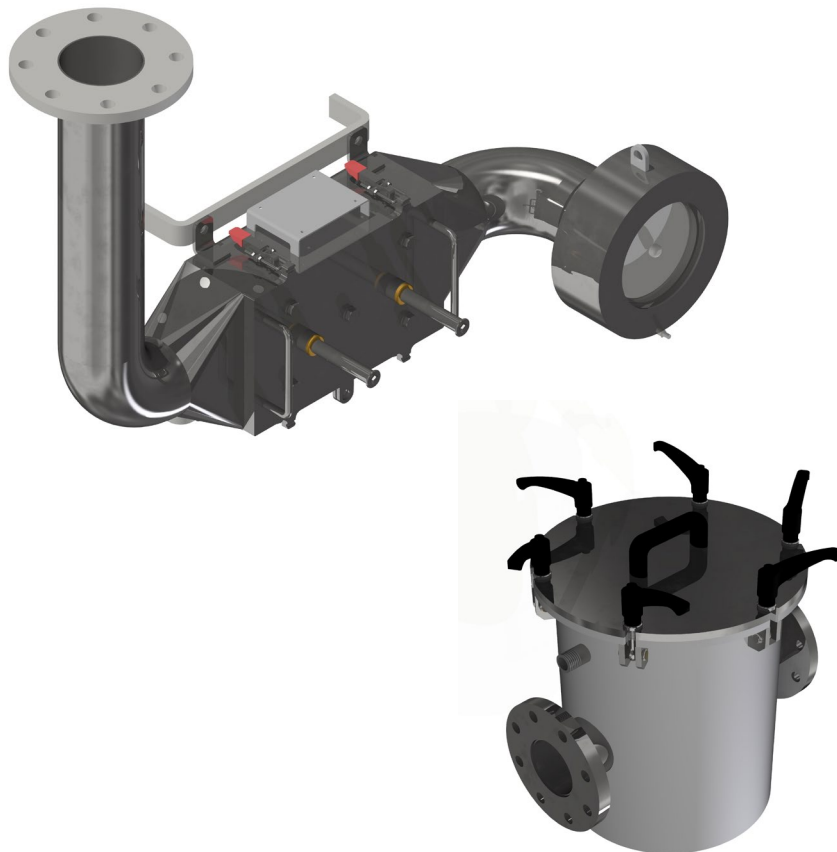
MIXERS

We offer process mixers made of stainless steel and structural steel for creating various mixtures and solutions for food industry. We use various configurations - mixers with movable body and stirrer-equipped are available. We produce vertical, horizontal and even multi-storey constructions used in the food industry, for example as homogenizers, reactors or crystallizers. We offer various foundation variants - on legs, on a support frame, on a pedestal. We also manufacture mobile mixers. Each order is considered individually in terms of technical specifications. We offer single and multi-jacket mixers of different capacities, with or without heating, with different equipment variants. We guarantee optimal selection of drives, shape, type and power of mixers, intuitive control, easy cleaning and safe operation.



FILTERS

We offer a wide range of single and double jacket filters, designed for filtration of liquid and loose substances. Our offer includes filters equipped with magnetic rods, very effective in case of metallic impurities and perfect for filtering chocolate and fat masses. We use inserts made of mesh of different sizes and density of perforation and magnetic rollers of different diameters, lengths and values of magnetic induction. The design of filters allows for easy removal and cleaning of cartridges and their reassembly. We use various types of product connections, e.g. flanged and threaded in all available nominal diameters. If necessary, the filters are equipped with sensors and drain valves.



DISPENSERS

We manufacture dosing systems designed for any type of products that enable precise dosing within single milligrams up to several tonnes per hour. We use open, closed containers, cylindrical and square hoppers. For dosing control we use e.g. nozzles, solenoid valves, cellular locks, knife gate valves and weight sensors. The product infeed and outfeed process can be carried out e.g. by means of screw conveyors and pneumatic conveying systems. We offer numerous improvements in a form of electric vibrators, filters and sensors tailored to Customer's needs. We use materials ranging from structural steel to AISI 304 and AISI 316 stainless steel.



SIFTERS

Screen and vibrating sifters are used for sifting loose materials such as powders, granules or grain and their division into fractions, e.g. in order to remove impurities from the product. We produce sifters in single or multi-level versions with several sieves, designed for filtration of various types of food products. In our separators, we generally use two electric vibrators to amplify horizontal and vertical vibrations, resulting in very high efficiency during product filtration. The detailed specification of each machine is selected individually for specific applications based on product specifications and samples delivered by the Customer.

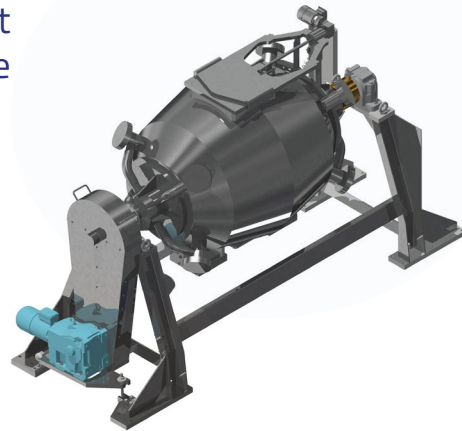
Our sifters are manufacture in such way as to allow swift and easy replacement and periodical sieves cleaning. The hermetic, airtight housing prevents the product from escaping to the outside and eliminates the occurrence of dust outside the separator. We often supply sifts in combination with pneumatic product transport systems, which are perfect for transporting loose products that pose a risk of dusting.



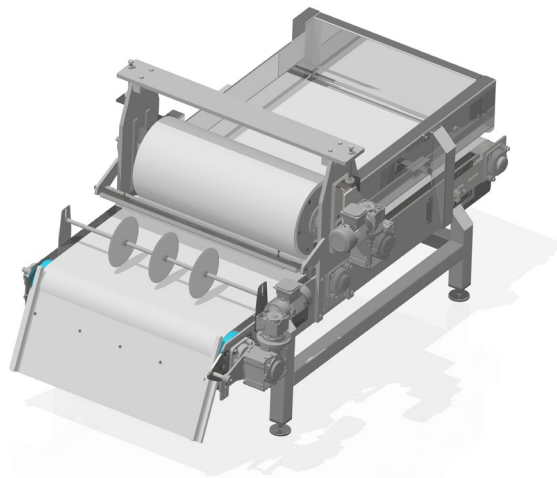


UNUSUAL MACHINERY AND EQUIPMENT

As a company with its own engineering and technological background, we produce many non-standard constructions, often unique, which cannot be assigned to any specific category. In cooperation with our Customers, our research and development department designs prototype machines.



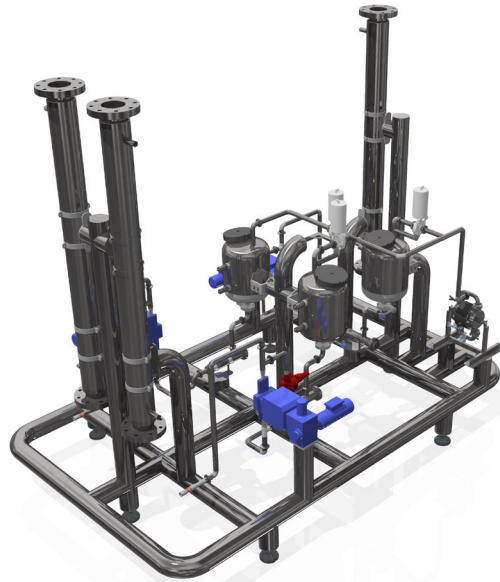
Cooker



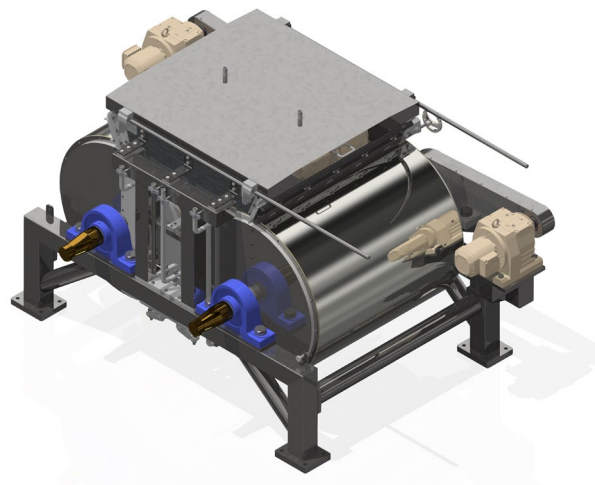
Dough
moulder



SKID
dosing
PGPR



Cooling
drum for
chocolate



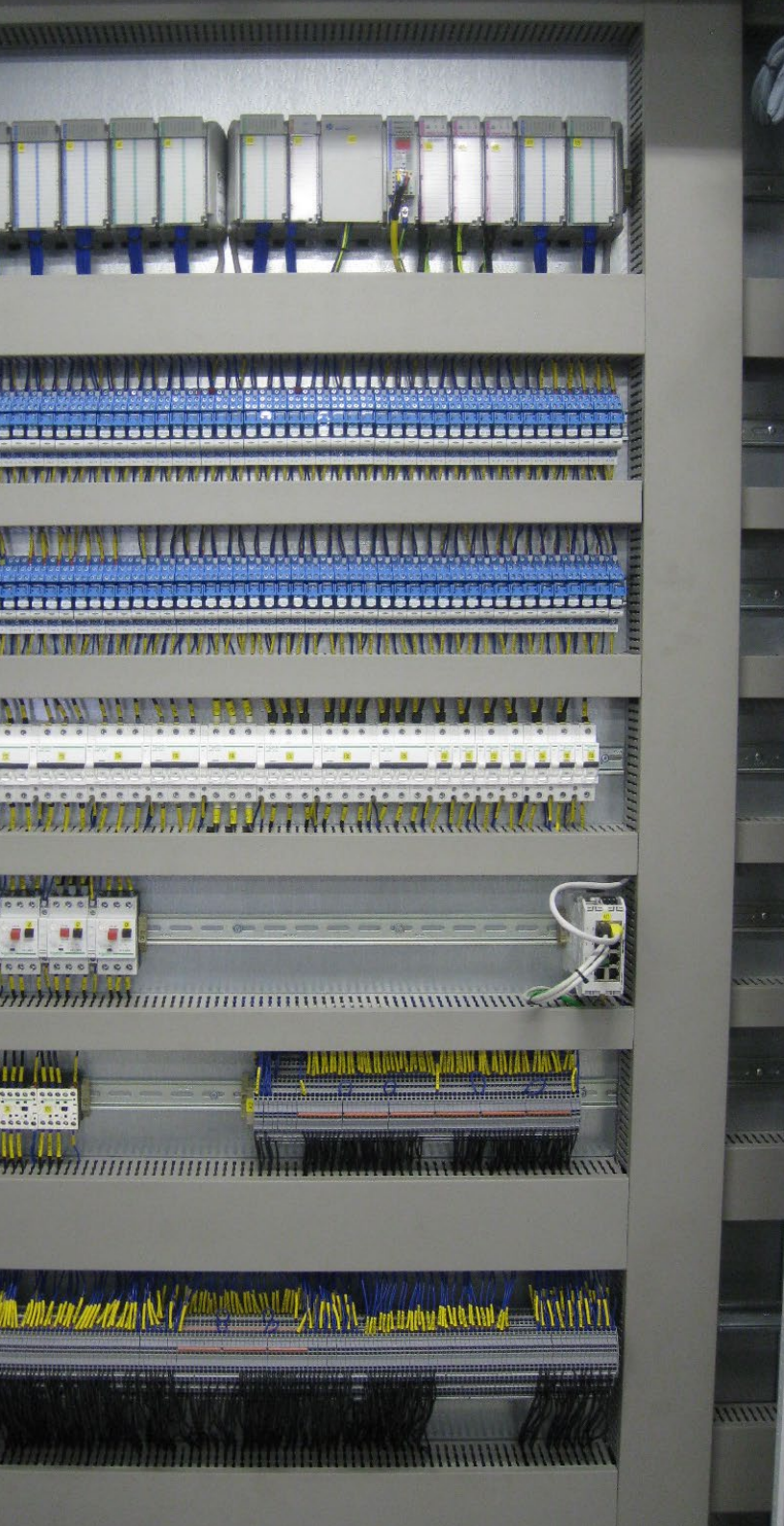
AUTOMATICS

We create control and automation systems for our machines and production lines. We offer professional services in PLC programming - we provide proven, comprehensive solutions, tailored individually to Customers' requirements and purpose of the system. We provide professional support and advice at the systems planning and design stages. In case of modernization of existing production lines or their extension with our machines we can perform modification of existing control systems. We deal with the assembly of desktops and control cabinets, we develop wiring and sensors assembly. All designed control systems have safety systems and meet the requirements of relevant harmonised standards.

We offer:

- Fabrication of electrical, electronic and pneumatic control systems for our machines.
- Comprehensive modernization and modification of existing control systems
- Connecting machines and equipment into production lines
- Software solutions controlling the technological line with modern visualization, optimization and reporting





SERVICES

We offer a range of services related to assembly of machines, production and technological lines. We also carry out related construction works. We provide services in laying and insulating pipelines. Thanks to our team of experienced fitters, with dozens of orders executed at our Contractors' factories, we implement many unconventional tasks that require an unconventional approach.

We specialize in assembly of technological lines built based on our own equipment, as well as with addition of equipment from other well-known companies. The scope of our services also includes comprehensive relocation of production lines or their individual components throughout Europe, including integration and commissioning at new locations. Line components are subject to maintenance inspections and, if necessary, repairs and extensions with new equipment.

We offer:

- design and construction of production equipment, transport systems together with transmission and technological installations
- foundation and assembly of machines, production equipment owned by the Customer
- adaptation of equipment and production lines according to Customer's requirements
- participation and technical assistance in the commissioning of equipment and production lines
- execution of works related to relocation of machines and production lines
- installation of pipelines and insulation works
- Repair works on production lines
- Welding services





RESPONSIBILITY

As our Customers are manufacturing companies that cannot afford downtime due to production line failures, we ensure that our equipment is of the highest quality and meets all the required standards. Our products come with all necessary documentation, certificates, as well as several months of warranty.



UNIVERSALITY

Regardless of the type of industry of our Customers, whether it is a food, cosmetic or chemical company, thanks to several years of market experience we know perfectly well the specificity of your business. Thanks to this, our products meet all the requirements related to technological, sanitary and health and safety requirements of your sector, having the required certificates and approvals.

WE MAKE WISHES COME TRUE

In addition to standard products which have been in our offer for years, thanks to our team of experienced designers, we are able to design and manufacture individual, often non-standard devices tailored to your requirements. Not only do we deal with new projects, but we also carry out modifications and modernizations on request, which have proved necessary as a result of use of existing equipment - we make wishes come true.



PROFESSIONALISM

Our workplaces - production halls, design studios, offices are equipped with modern equipment, which allows us to achieve fast execution while maintaining the highest quality standards. However, we would not achieve such successes without modern technology and qualified staff, who thanks to their knowledge and unlimited ingenuity ensure the execution of even the most difficult orders.

Visit our new website!

www.rfmah.pl



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znajdź na stronie...



NOWOŚCI O FIRMIE REALIZACJE USŁUGI DOTACJE UE KONTAKT

Polski



TRANSPORTERY ŚLIMAKOWE

Profesjonalne linie dla przemysłu

Zobacz więcej



WITAMY W RF MAH

Firmie specjalizującej się w projektowaniu i produkcji maszyn dla przemysłu.

Od wielu lat firma RF MAH założona przez Andrzeja Międzyrzeckiego dostarcza najlepszą jakość usług swoim Klientom. To właśnie ich zadowolenie sprawia, że nigdy nie przestajemy dbać o najwyższe standardy naszej pracy, zachowując jednocześnie rozsądny poziom cen.

Specjalizujemy się w projektowaniu i produkcji maszyn mających zastosowanie w przemyśle spożywczym, farmaceutycznym, chemicznym oraz kosmetycznym.

Do produkcji maszyn wykorzystujemy doświadczenie najlepszych specjalistów, najwyższą jakość materiałów oraz nowoczesne technologie. Nie boimy się wyzwań, dlatego produkujemy zarówno urządzenia typowe jak i specyficzne – na indywidualne zamówienie Klienta.

W związku z dynamicznym rozwojem firmy rozbudowaliśmy dział obsługi klienta, w którym nasi przedstawiciele handlowi przy udziale naszych doradców technicznych i technologów służą Państwu pomocą.



NASZE USŁUGI



PROJEKTOWANIE

Wykonawstwo projektów linii i urządzeń pod indywidualne potrzeby klientów. Doradztwo techniczne oraz doradztwo związane z procesami produkcji. Nadzór projektowy.

Wiecej



AUTOMATYZACJA

Wiecej

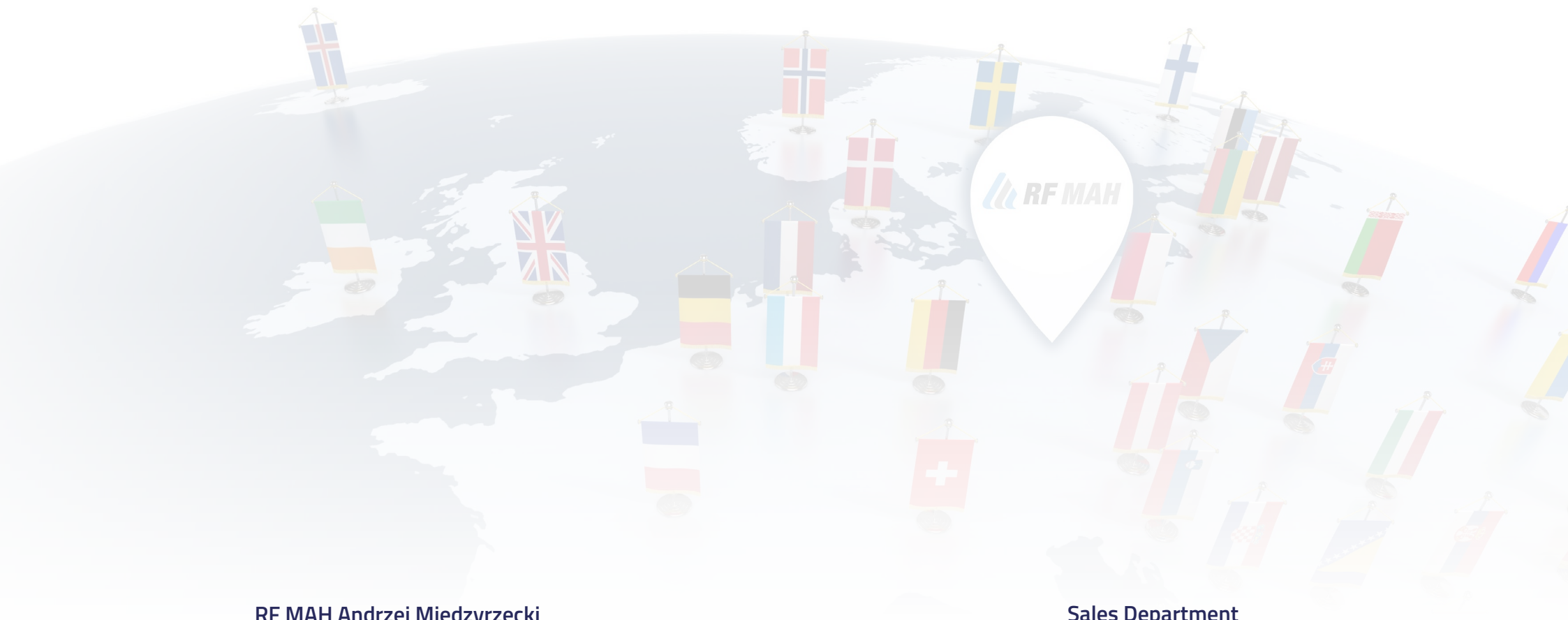


TECHNIKI TRANSPORTU

W naszej ofercie produkcyjnej posiadamy wysokiej jakości systemy transportujące. Odpowiednio zaprojektowany oraz niezawodny system transporterów jest jednym z głównych elementów procesu produkcyjnego oraz dystrybucyjnego.

Wiecej





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