



ROCKFIN[®]
TRUSTED BY INDUSTRIES



Dear Business Partners,

The Rockfin company was founded in 1991 and is world-leading engineering company specialising in the design, production, testing, maintenance and servicing of oil and fuel systems for gas turbines, steam turbines, generators, reciprocating engines, compressors high-pressure drives and control systems. Our devices are used in nuclear, gas, coal, hydropower plants, drilling platforms and FPSO ships, renewable energy sources, petrochemical, paper and cement industries. Our organisation's greatest asset is our team of talented and enthusiastic employees. We appreciate their individuality and diversity by allowing them space and freedom to work, by creating relationships based on tolerance and mutual respect. The experience of senior specialists combined with the energy of young fast developing engineers, allows us to maintain a technological advantage and meet the most difficult and complex customer requirements. The high-quality offered services and superior competitiveness allows for the continuous evolution of products, modernisation of technology and above all cooperation with our global clients. We have been implementing projects for leading technology providers for three decades.

Acquiring new foreign recipients for our services is facilitated by a positive image of trust, reputation and transparency of the company confirmed by many Polish and international certificates. The strategy of our company is to constantly improve the organisation, endeavouring to achieve the greatest satisfaction of our customers, employees and stakeholders while ensuring the correct conditions for the functioning and further dynamic development of the company.

By ensuring the high-quality and reliability of our products, as well as the commitment and passion of a creative team, develops trust in our business. Our business partners and employee satisfaction are the most important development factors for us. It is thanks to you that together we are able to create the Rockfin story. Together, we create effective solutions to make the energy world better for everyone. We support energy transformation process actively.

Thank you for choosing Rockfin and our services. Your trust inspires us every day.

Rockfin Executives Board



Michał Wróblewski
Chief Executive Officer
Chairman of the Board



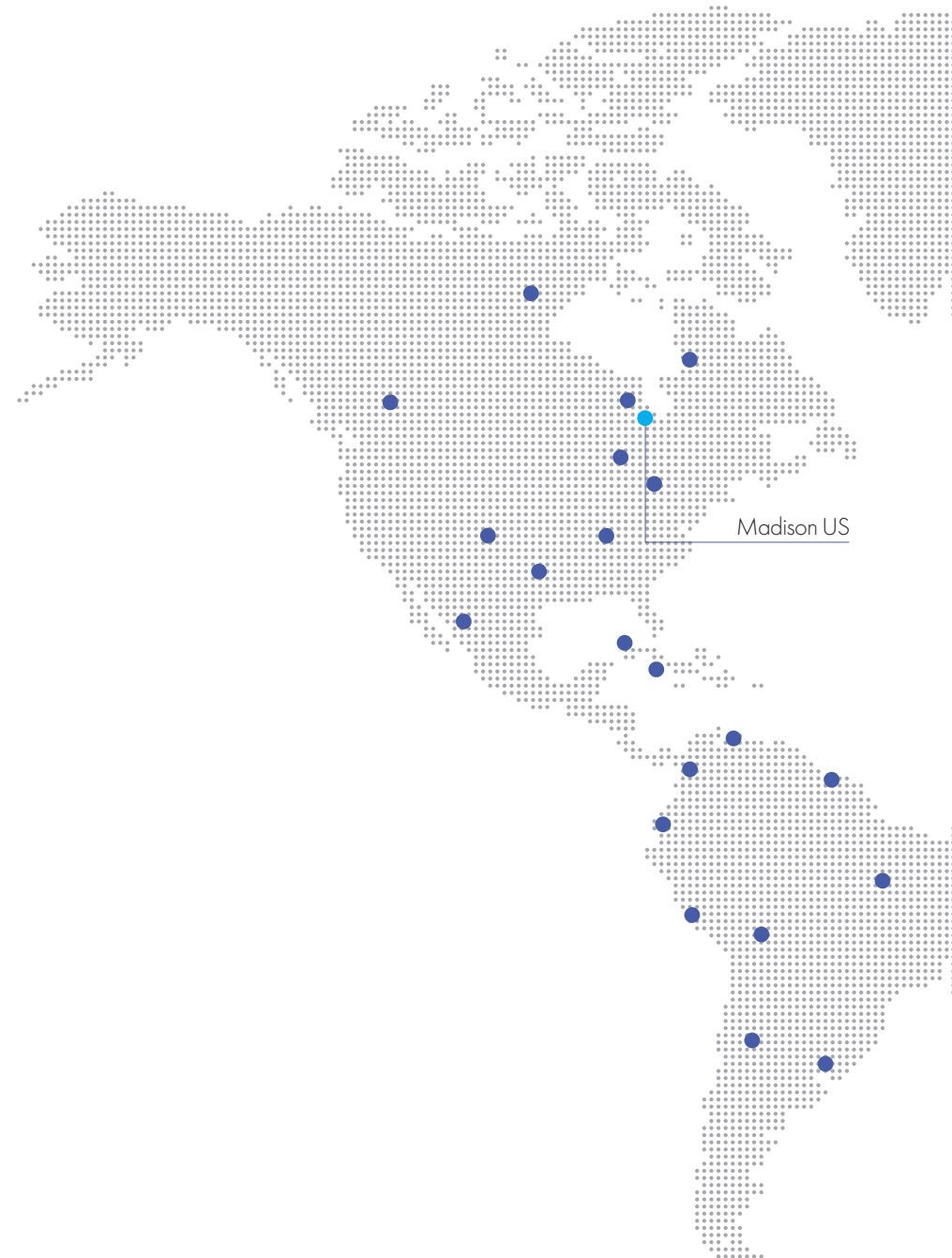
Paweł Jaszewski
Project Management Director
Vice President of the Board

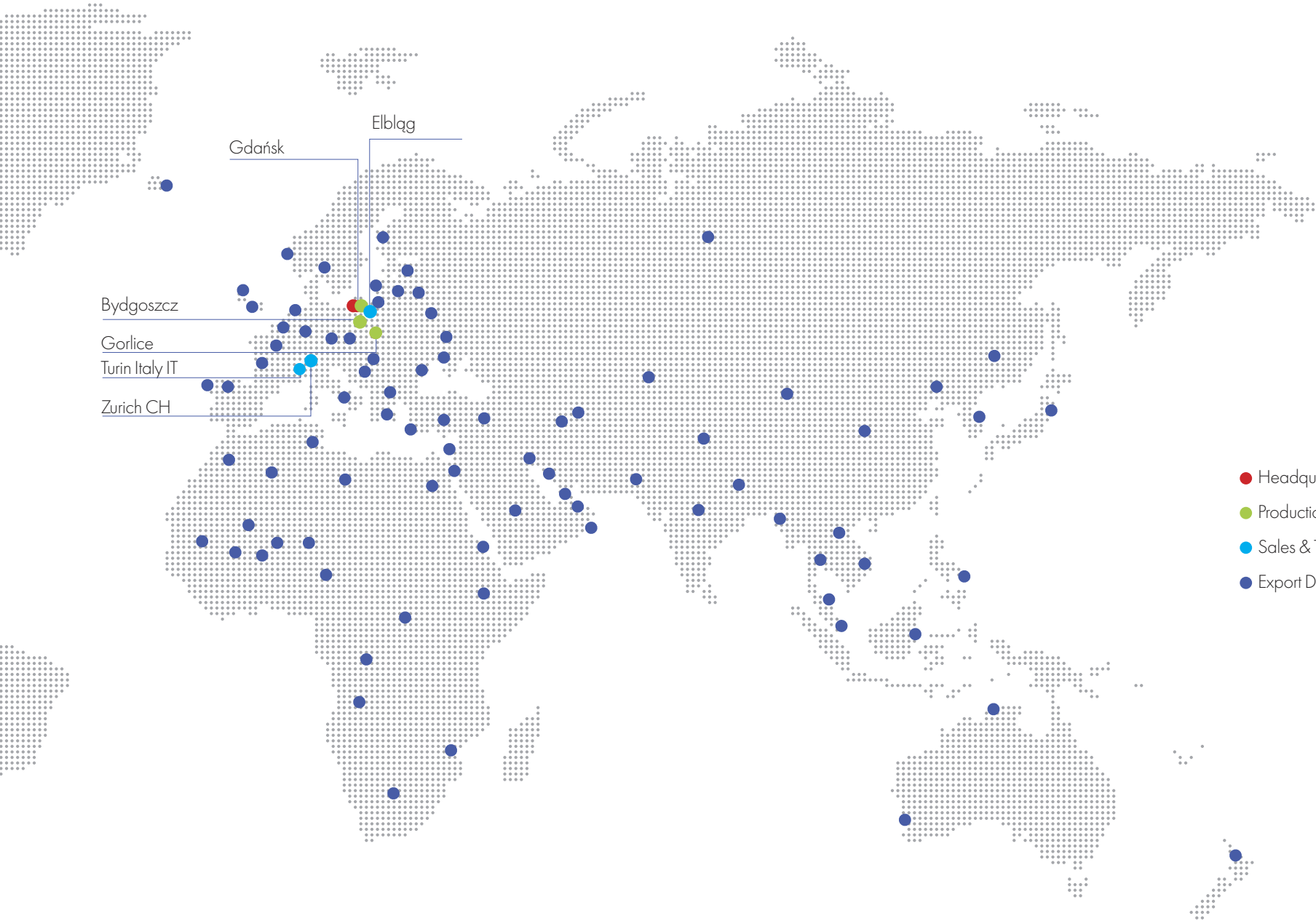


Michał Markowski
Financial Director
Vice President of the Board

The main production plant is located in Małkowo near Gdańsk. The modern production halls with a total area of over 11.000 m² are equipped with overhead cranes with a lifting capacity of up to 140 tonnes. The location of our headquarters near two international seaports Gdańsk and Gdynia enables convenient sea shipment and the use of an additional assembly space in the port.

The company also has production plants in Gorlice for smaller unit assembly and in Bydgoszcz dedicated to the fabrication of steel structures and pressure vessels according to the EN, ASME & AD2000 standards.





Gdańsk

Elbląg

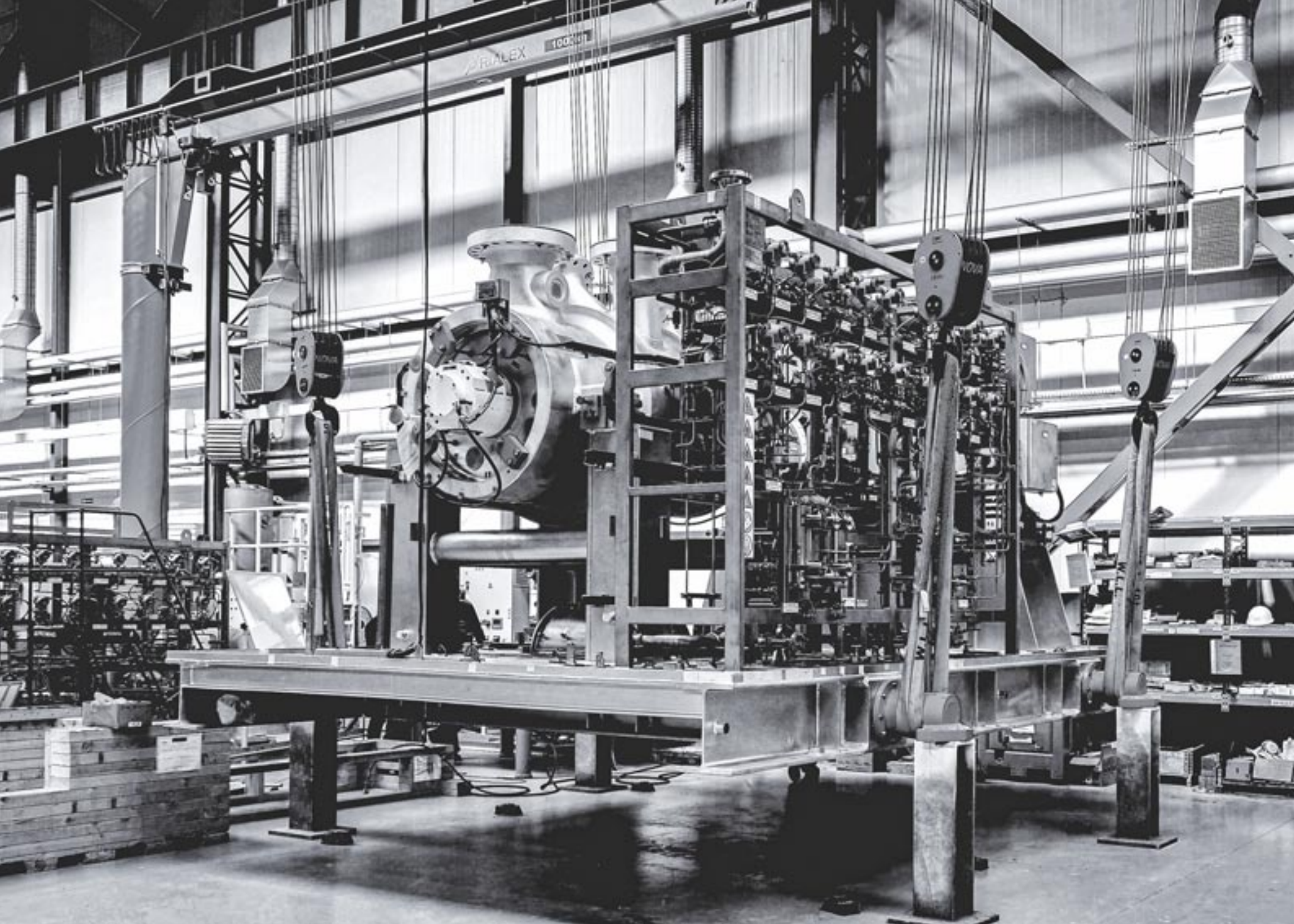
Bydgoszcz

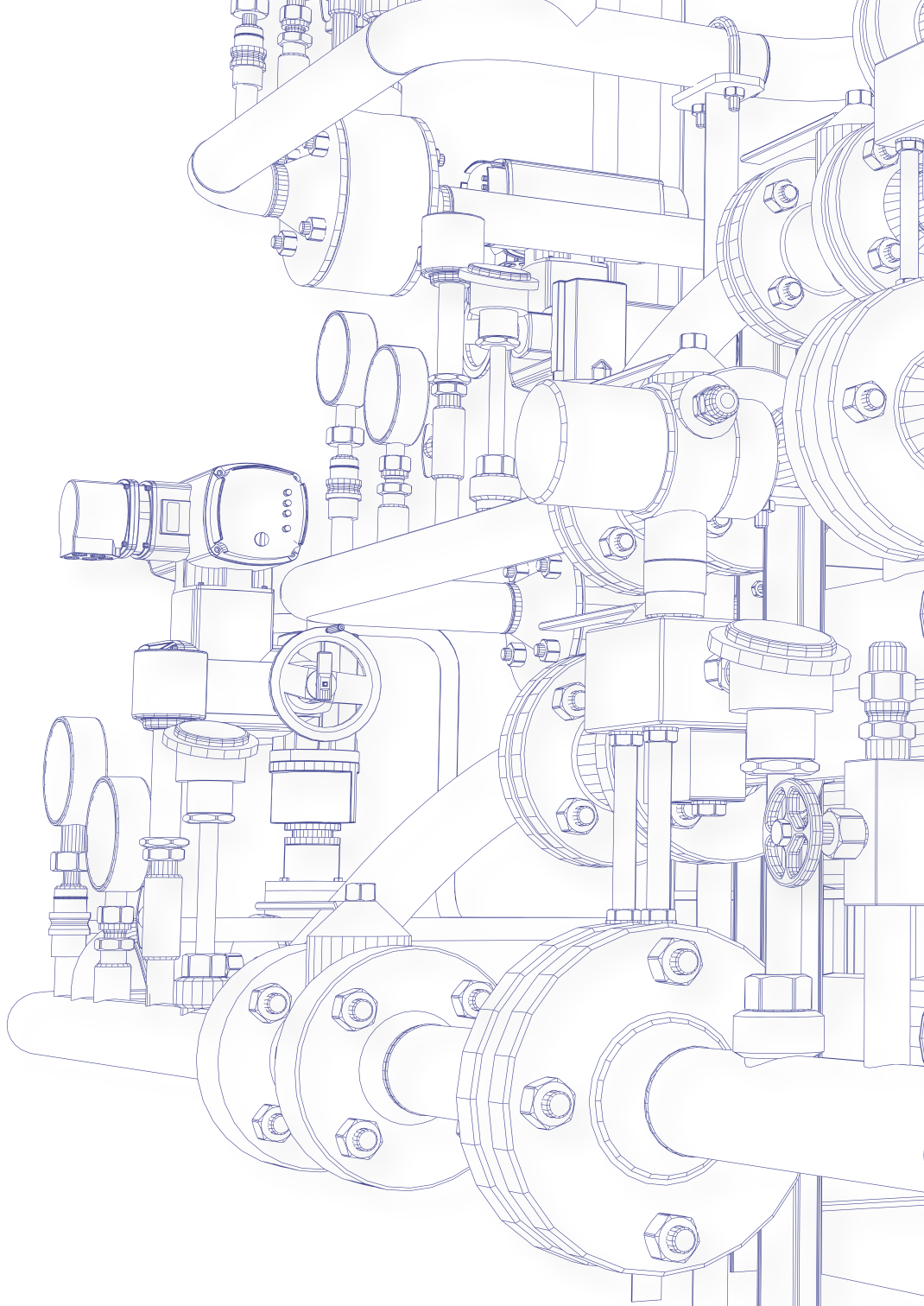
Gorlice

Turin Italy IT

Zurich CH

- Headquarters
- Production Plants
- Sales & Technical Office
- Export Destinations





APPLICATION
SEGMENTS AND
PRODUCTS





CENTRALIZED ENERGY

Rockfin is a world-leading global producer of auxiliary equipment for conventional gas and steam power plants as well as nuclear power plants. Cooperating with the largest technology suppliers for the power sector, we produce equipment used in power units and auxiliary installations as: generator cooling and sealing systems, fuel and lubrication systems dedicated to gas and steam turbines, compressor modules and reciprocating engine oil systems, exhaust stream control systems and others. We are proud that for over 22 years we have participated in the construction and modernisation of hundreds of power plants around the world, and the systems we have provided are successfully working in power plants and installations from Mexico to China and from South Africa to Canada.

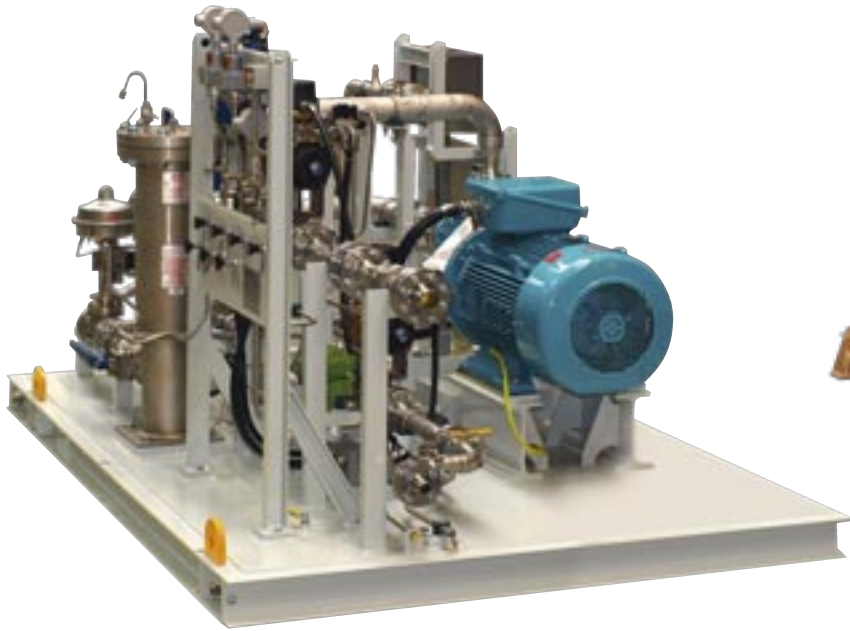
GAS TURBINE

Over the past 22 years, Rockfin has manufactured more than a thousand auxiliary systems for global energy companies. One of the biggest successes has been the delivery of a turbine lubrication system for the Bouchain project in France, which was designed, manufactured, assembled and tested by Rockfin and the entire turbine set was entered into the Guinness Book of Records. Rockfin has the capability to carry out factory testing of 50 and 60 Hz power supply units.

- Lube Oil & Jacking Oil Systems
- Fuel Gas Systems
- Liquid Fuel Systems
- Water Injections Systems
- Balance of Plant Systems
- Wet Compression Systems
- Water Wash Skids
- Purge Water Skids
- Fuel Forwarding Skids
- Fuel Filtration Skids
- Hydraulic Power Skids for Vane Actuation and Diverter Dampers



Combined Lube & Jacking Unit



Water Injection Skid



Fuel Oil System

STEAM TURBINE

Rockfin has delivered auxiliary modules for steam turbines in various sizes and destinations – from waste to energy plants to gas & steam turbine combined systems. We are one of the few companies in the world which can make complete modules, even for the biggest assembled ones including functional tests.

- Hydraulic Power & Control Systems
- Lube Oil Systems
- Hydraulic Power Units
- Jacking Oil Systems
- Cooling Systems
- Filtration & Conditioning Systems
- Oil Mist Separators & Vapor Extraction Systems
- Local Instrument Cabinets



Lube Oil System



Lube Oil Cooling & Filtration Skid



Steam & Jacking Oil System

GENERATORS

Rockfin is able to manufacture, test and service the most complex and sensitive auxiliary systems for hydrogen and water-cooled generators in line with various world standards, including PED, ASME with or without U-STAMP or NB, DOSH, ATEX, NEMA, NEC etc.

- Seal Oil Systems
- Stator Water Cooling Systems
- H2 Monitoring Stations
- Air Detraining Sections
- CO2 Expansion Devices
- H2 High Pressure Reduction Stations
- H2 Circulating Fans
- H2 Gas Dryers
- Oil Mist Separators
- Pressure Vessels & Atmospheric Tanks



Seal Oil System



Stator Water Cooling System



H2 Monitoring Station



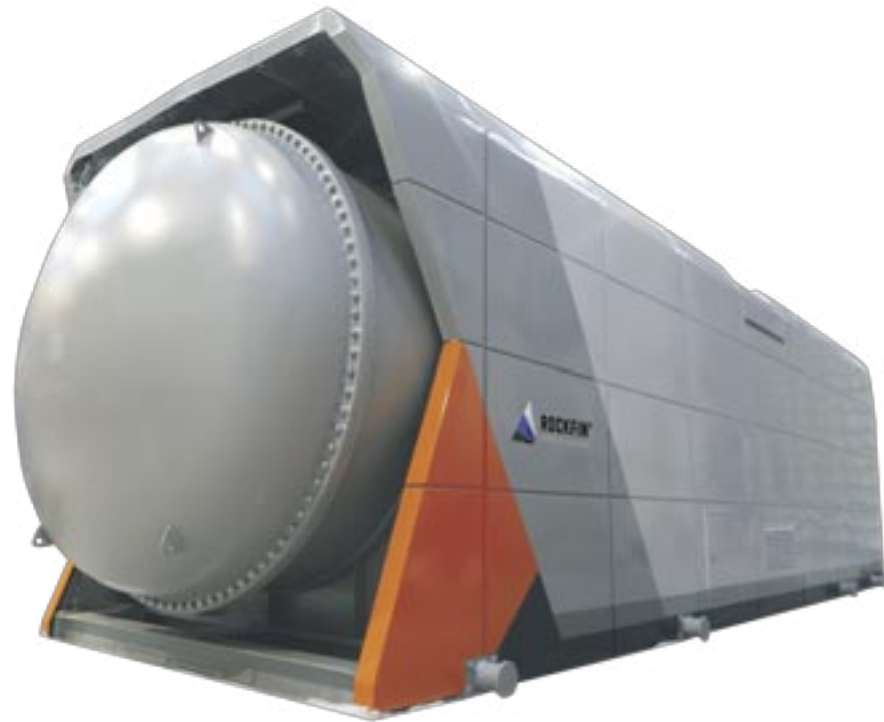


DECENTRALIZED ENERGY

Within the area of decentralized energy we offer solutions for clean energy sources, low emission alternative fuels, and small gas power plants. We have many years of experience in supplying equipment for hydroelectric power plants, waste to energy plants and industrial heat pumps. Our offer includes auxiliary systems as well as complete integration of generating sets using fuel cells, engines and small gas turbines. We are constantly developing our product portfolio in the area of hydrogen, bio gas, ammonia, methanol and LNG technologies, providing process systems for biogas liquefaction stations as well as industrial hydrogen treatment plants.

TYPE OF SYSTEMS

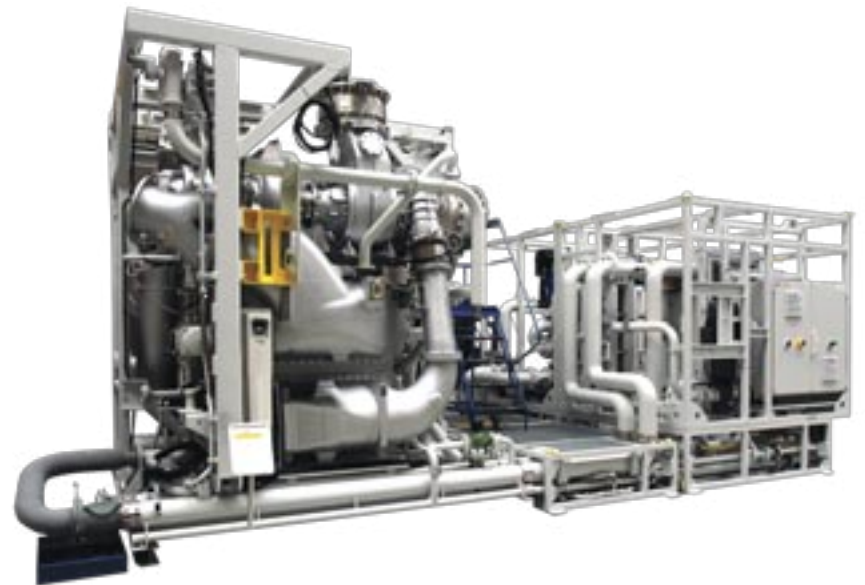
- Gas Engine Turbocharger Modules
- Gas Engine Auxiliary Modules – Lube Oil & Cooling Water
- Packaging of Gas Turbines
- Packaging of Fuel Cells
- Packaging of ORC Power Systems



Solide Oxide Fuel Cell (SOFC)



Centrifugal Compressor Auxiliaries for Heat Pump



Gas Engine Auxiliary Module





HYDROGEN

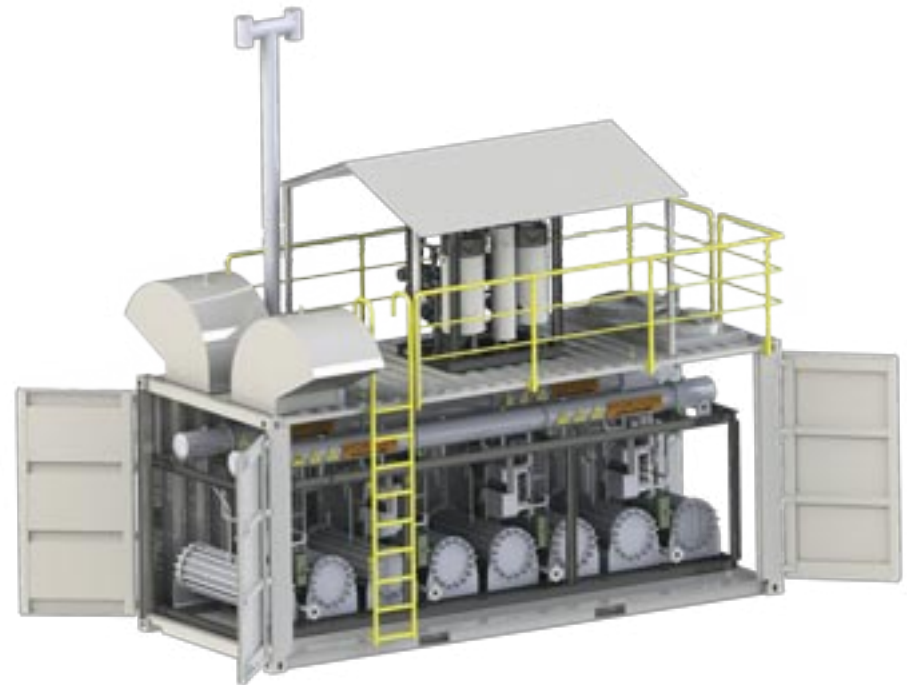
As a manufacturer of equipment for the energy sector, we are familiar with Hydrogen-operating units since 1997. As this medium is being used as a cooling medium for large scaled Generators. Since then we are consistently expanding our portfolio with products which are serving the purpose of decarbonization. Hydrogen has now a new role in the current World – alternative future fuel for natural gas or other fossil.

TYPE OF SYSTEMS

- Hydrogen Generation Auxiliary systems
- Hydrogen Refueling Stations
- Hydrogen Flow Control Units
- Part of System Blending Hydrogen with Natural Gas as a Fuel for Gas Turbines

ROCKFIN FUTURE OPPORTUNITIES

- PTU Demineralized Water Feed System for PEM Electrolysers
- Hydrogen Purifying Membrane Units
- Small H₂ production on site by electrolysis „Green Box“



H₂ Generator by Electrolysis



Hydrogen Flow Control Unit



Hydrogen Blending Unit



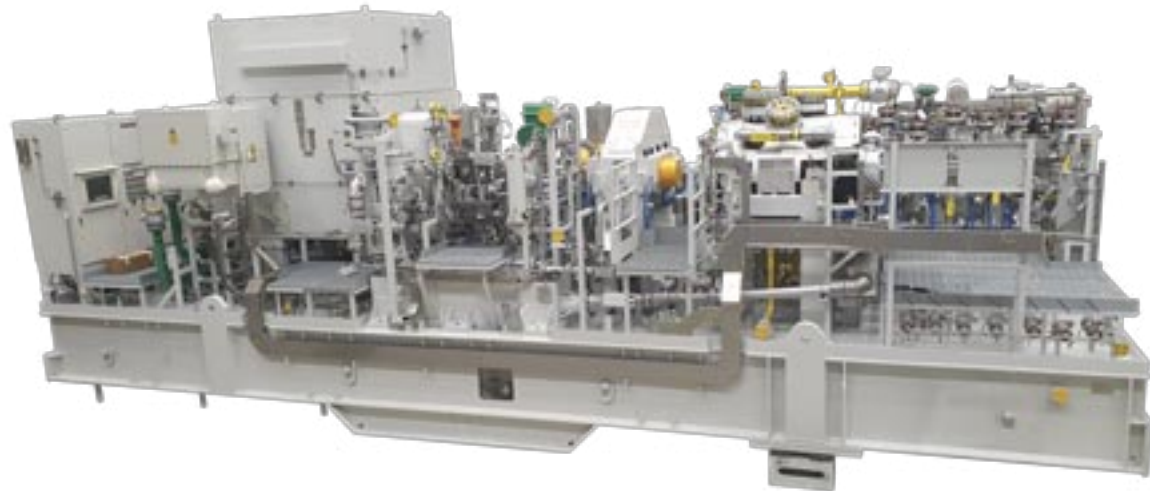


COMPRESSORS

For years we have been implementing demanding projects for the oil and gas industry in offshore and onshore applications. Rockfin products meet not only the industry standards of ASME and API but also standards imposed by customers and contractors of global fuel industries such as ENI, BP, Shell, Total, ExxonMobil, Chevron and others. The main products of the Oil & Gas sector are lube oil systems, dry gas seal panels and packaging of compressors.

COMPRESSOR PACKAGING & AUXILIARIES

- Lubrication & Control Oil Systems
- Dry Gas Shaft Sealing Systems
- Pressure Booster Systems
- Rundown Tanks
- Instrument Panels
- Pumping Skids



Compressor Packaging



Dry Gas Shaft Sealing System



Lubrication & Control System





INDUSTRY

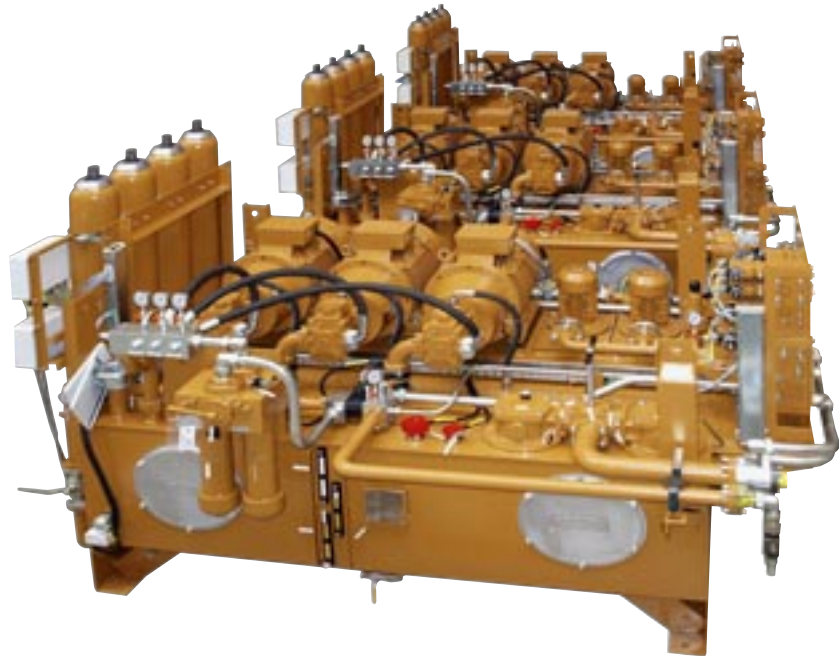
We provide technical solutions in the area of hydraulics and automation, applicable for various industries such as electromechanical, chemical, mineral, paper and others, producing equipment as well for the marine and aviation industry. Thanks to our experienced team of engineers, we offer comprehensive solutions that meet specific technical requirements and local laws, enabling you to obtain the necessary industry certification and approvals.

TYPE OF SYSTEMS

- Hydraulic Control Units for Hydro Turbines
- Hydraulic Control Units for diverter dampers
- Hydraulic Power & Control Systems for WTE plants
- Process Skids for H2 and LNG Plants
- Cooling & Pumping Units for AC Drives
- Cleaning in Place Units for Marine
- Pipe Spools for Water Treatment Systems
- Lube Oil Units for Gearboxes and Marine
- Hydraulic Systems for Paper Machineries
- Electric Control Systems
- Hydraulic Cylinders
- Steam Valve Unit for Waste to Energy
- Feeding Skids
- Boiler Valve Station's
- Storage for Urea & Amonia



Cooling Unit for AC Drive



Hydraulic Power & Control System for WtE Plant



Switchgear & Control Cubicle





ROCKFIN COMPONENTS

We are constantly developing the portfolio of our products and devices that are used in the Rockfin's auxiliary systems. We have established R&D department which is involved in the design, manufacturing and testing of prototypes. Our product range includes filters for removing impurities from oil, oil mist separators, water removal equipment for lubricating oils and 6-way switchover valves. Each product can be modified and adapted to the needs of the customer and the end-user.

PRESSURE VESSELS



Run-down Tank

FILTERS



Liquid Filters



Pressure Vessel



Gas Separators & Coalescers

OIL MIST SEPARATOR



Oil Mist Separator with Side – Channel Blowers

VALVES



Changeover Filter Valve

PURIFICATORS



Purification Unit for Steam Turbine Lube Oil System



Oil Mist Separator with Centrifugal Fans



Changeover Cooler Valve



Purification Unit for Gas Turbine Lube Oil System





SERVICE

The services provided by Rockfin Service is a guarantee of comprehensive support for our clients. In addition to the typical service of power hydraulics, we carry out the complete installation of hot and cold commissioning, non-destructive testing of welds, pressure tests, rinsing of hydraulic systems, including turbine lubrication systems. In addition, we offer the establishment and operation of 24/7 servicing of devices together with oil and lubrication services.



SYSTEM ASSEMBLY

- Piping Systems & Piping Prefabrication
- Material & Components Supply
- On Site Installation



WARRANTY & POST WARRANTY MAINTENANCE

- Improvements & Modernization Of Existing Systems
- Specialized Measurement
- Commissioning, Supervising, Erection, Site Inspections



SERVICE 24/7

- Oil Flushing & Testing
- Site & In House Repair & Testing
- Assessment Of Technical Condition
- Renovations & Modernizations



GLOBAL SUPPORT CLIENTS

- Spare Parts
- Engineering & Technical Support
- Training Of Personnel
- Repair & Testing in Client's House





SERVICE CENTERS

EUROPE – POLAND

HeadBranch

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HeadBranch

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NORTH AMERICA

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Madison WI 53717, USA
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ENGINEERING

The basis of our processes is engineering, which is being lead by experienced system engineers, designers and project managers. The Rockfin team implements projects based on our own or customer-owned documentation, using the latest engineering tools that help in the optimization of projects and allow to achieve high efficiency and competitive production costs.

The equipment manufactured in our company is designed on the basis of customer guidelines. Depending on the amount of data available, the design can start from the conceptual stage or immediately move on to a detailed project that is a development of the concept presented by the client. In the design process we use modern engineering programs for three-dimensional modeling and numerical and flow strength calculations. The final result of the design process is detailed executive documentation, on the basis of which we manufacture components and assemble devices in our plant.



- development of construction and technological documentation, mechanical and electrical
- development of logic diagrams and PLC software
- optimization of P & ID diagrams



- calculations of loads and durability for devices exposed to atmospheric factors and seismic calculations
- selection of components and risk analysis
- preparation of installation and operating instructions



- flow resistance calculations, including numeric CFDs
- numerical calculations of pipelines, pressure vessels PED, ASME, AD2000
- strength calculations, including numerical FEM



QUALITY

The development of our company is closely related to the necessity of continuous changes resulting mainly from the introduction of new technologies and adaptation to the expectations of our customers. That is why Rockfin has implemented and developed an Integrated Management System, where the main objective is to continuously increase the effectiveness of the company. We are constantly improving our tools and methods to ensure the quality of our products. We expand and improve processes, and thanks to the commitment of our employees we develop the trust of our customers.







CORPORATE SOCIAL RESPONSIBILITY

The social responsibility of our company results from the adopted strategy and is based on the principles of social dialogue and solutions beneficial to our local environment. The implemented CSR projects are an important element of a long-term business plan, as well as the effect of ambitious commitments which we, as Rockfin, implement. Many of our employees take part in various social and charity actions. Thanks to activities in the area of corporate social responsibility, we build our strong market position, based not only on innovative solutions and services, but also on the trust of all our stakeholders.

Together, we create effective solutions to make the energy world better for everyone.
We support energy transformation process actively.



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