



RBE GROUP COMPANY

+994 55 433 44 44

office@rbegroupcompany.az

**A leading supplier in the construction,
industrial and marine industries!**

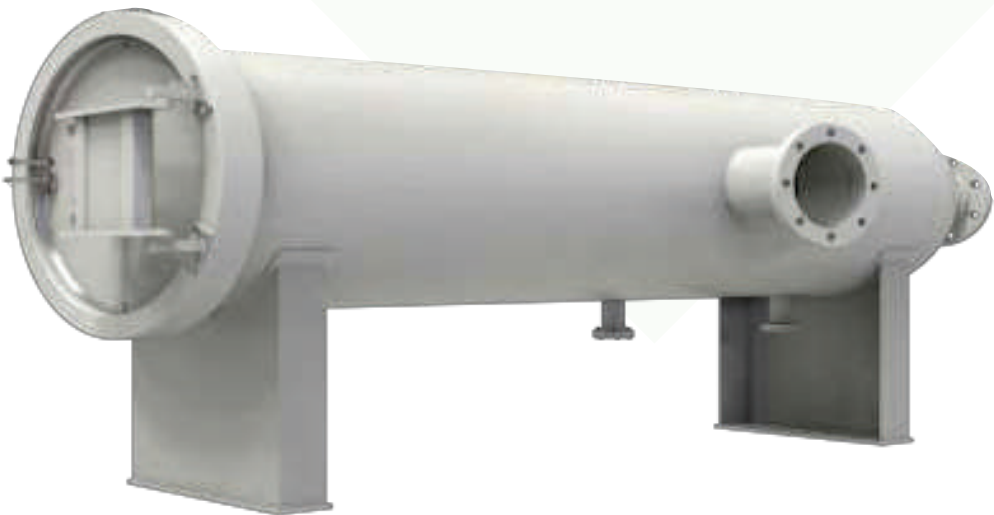
RBE GROUP COMPANY LLC

The company was founded in 2019 and operated under the name "RBE COMPANY LLC" in the first years of its activity. During this period, he carried out the distribution activity of the official representation of world brands such as JONELL SYSTEMS FILTRATION GROUP, HAT GROUP (HAT INDUSTRY AND MEDICAL GASES A..), ATA TEKNIK, HEBEI JINSHENG PIPE FITTING, CPS Proses, DERVAL (Gate Valves, Globe Valve, Check Valves, Y Strainers.) , POLNA S.r.l (valves), KNUTH Werkzeugmaschinen GmbH (machine tools) In 2023, the rebranded company received the name "RBE GROUP COMPANY LLC". RBE GROUP COMPANY was established as a procurement and construction company. The Group concludes MRO procurement and service supply contracts with major Oil and Gas companies in the Caspian region.



HIGH FLOW TECHNOLOGY

LIQUID
FILTRATION
SOLUTIONS



RBE GROUP COMPANY LLC has a long history of developing innovative cartridges for the oil & gas industry including the two piece Twist-LOK™ cartridge for gas coalescing which allows customers to be able to change only half of the cartridge as needed thus reducing the total cost of ownership for the solution.

The latest innovation is TRI-SHIELD, an engineered blend of Tri-Lobal and cylindrical fibers to deliver gas and liquid depth filtration cartridges, for gas and liquid applications, with larger effective surface area per media volume and less flow resistance.

JLP
Series



TRI-SHIELD™ Liquid Particulate
Cartridges for solid contaminant
removal in a wide range of applications.

Products	Specifications	Liquid Particulate Cartridge	
	Diameter	2.50", 2.750", 3.00", 6.00"	
	Nominal Lengths	9.75", 10", 19.5", 20", 29.25", 30", 36", 40", 47", 60"	
	Media type	Depth Style Polyester	Depth Style Polypropylene
	Gasket	No Gasket Buna-N EPR	Viton Silicone TES
	Micron Range	1μ, 5μ, 10μ, 25μ, 40μ, 50μ, 60μ, 75μ	1μ, 5μ, 10μ, 25μ, 40μ
	Efficiency	90%, 99.9%	
	End cap style	Double Open Ended Spring/Extension Finned/222 O-ring Finned/Extension 222 O-ring/Closed	222 O-ring/Spring Spring Extension 226 O-ring/Closed Finned/226 O-ring
	End caps & cores	Polyester Polypropylene	Carbon Steel Stainless Steel
	Temperature	240-degree F for Polyester	180-degree F for Polypropylene
	Common Applications	Condensate, Amine & Glycol Acids & Alkali, Solvents Catalyst Disposal Injection & Lubricants Inks, Adhesives, Fabric Coatings, Paints, Dyes	Product Polishing Bulk Chemical Filtration Bottled Water Beer Filtration (resin trap) Pulp & Paper Waste Water

Specifications

FILTRATION APPLICATIONS
IN GAS (AMINE) SWEETENING





TOOLS

Gas Sweetening is a critical procedure in gas processing facilities. To meet sales specifications and maintain efficient operations, natural gas goes through a sweetening process to remove contaminants; primarily H₂S because of its corrosiveness and CO₂ for its lack of heating value. Amine solvents are widely used to remove these contaminants from natural gas or lighter hydrocarbon products. Typical industries that perform gas sweetening include: gas production sites, gas processing plants, refineries, LNG facilities, petrochemicals, etc.



Field Services

- Element Change Out Assistance
- Process Observation / Optimization
- Field Support for Lab Services On-Site Training
- Trouble Shooting



Engineering Services

- Process Design Consultation/Optimization
- Existing Vessel Evaluation
- Feed Study
- New Vessel Design



Field Services

- Element Change Out Assistance
- Process Observation / Optimization
- Field Support for Lab Services On-Site Training
- Trouble Shooting

General Hand Tools, Special Car Repair Tools, Construction Tools, Cutting Tools, Measuring Tools, Personal Protection Equipment, As Well As Garden Tools

TOOL SETS



SOCKETS AND IMPACT SOCKETS

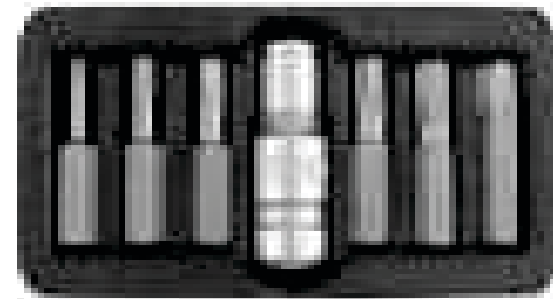
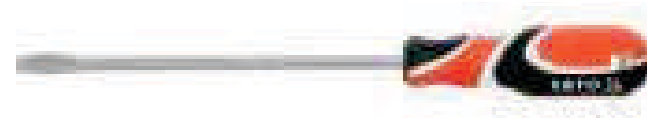


TORQUE WRENCHES





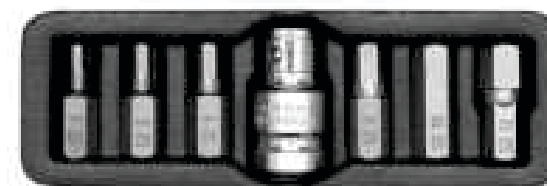
SCREWDRIVERS & SCREWDRIVERS BITS



MEASURING TOOLS



HEX & TORX KEY & SETS



PNEUMATIC TOOLS



VALVE PRODUCTS

Stainless steel valves, carbon steel valves, ball valves, gate valves, globe valves, check valves, filters/Strainer, needle valves, flanges, elbow.





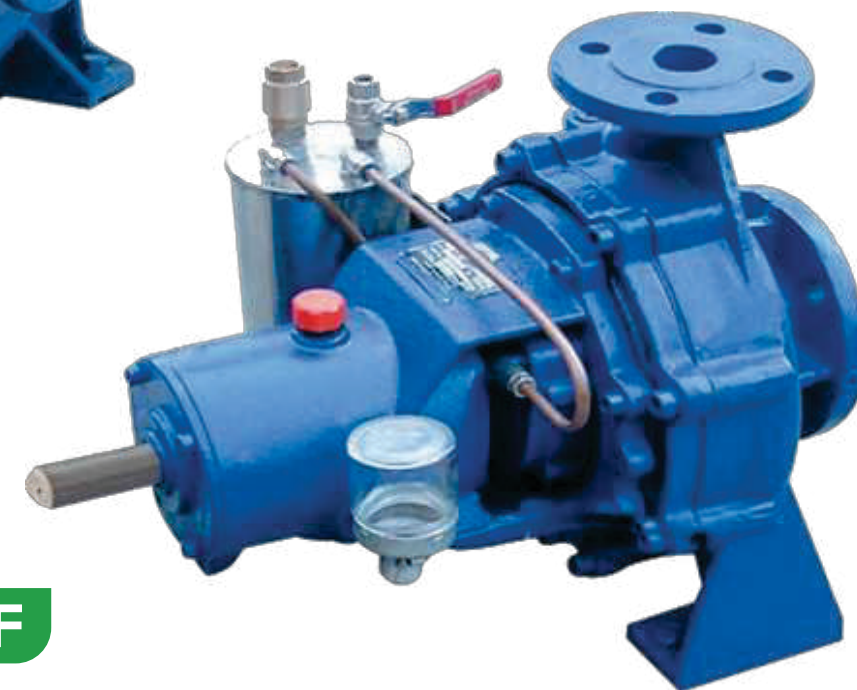
PUMPS

The pump series includes vertical pumps, block units, pumps with magnet drive, immersed pumps, pumps for very thick liquids as well as pumped solids and multi-stage pumps for high pump heads. The product line includes Two and Three-Spindle Screw Pumps, Centrifugal Pumps, Propeller Pumps, Progressing Cavity Pumps, Peristaltic Pumps and Macerators.

NT



NTF



AF



ASR



Tube fittings, pipe fittings, hose fittings, hydraulic adapters, flange and other products, widely used in high pressure hydraulic industry, cement industry, chemicals, food processing, nuclear, oil, gas, paper industry, railway and ship building.



19 Parker stainless steel straight butt welding fittings with hose ferrules



Twin Ferrule SS 316 NPT Male Elbow Connector Tube Fitting



Stainless Steel Swagelok Tube Fitting Union Cross 14 in Tube OD



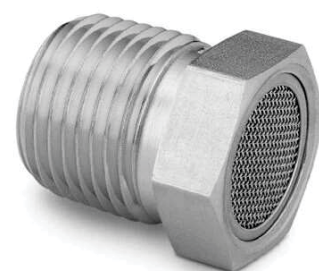
20611 Metric Female 60 degree Cone



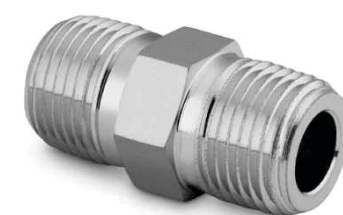
Forged Carbon BSPT Male Hydraulic Hose Fittings



ORFS Male O-Ring Seat Hydraulic Hose fittings



Stainless Steel Swagelok Tube Fitting Mud Dauber 12 in Male NPT



Stainless Steel Swagelok Tube Fitting Bulkhead Union 14 in Tube OD 22241 45 degree BSP Female Flat Seat



22241 45 degree BSP Female Flat Seat



BSP Hydraulic Adapter



8B TUBE FITTINGS



Steel Flat Face Hydraulic Quick Couplings



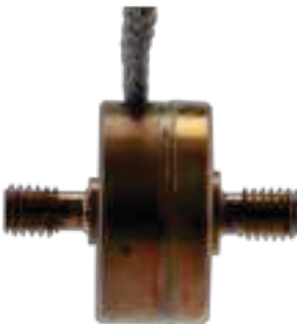
Sensors and measurement equipment for OEM, Test & Measurement and IIoT

Developing a new sensor solution with existing building blocks or from scratch. RBE provides you with a team of expert engineers. We help to solve your challenges in co-creation, with sensors and controls solutions off the shelf or 'made to measure'.

Force sensors: Modern and flexible: force sensors with strain gauges

Force sensors measure static and dynamic tensile and compressive forces -precisely and in virtually any condition. Our force sensors are based on the proven Strain Gauge measuring principle.

MINIATURE FORCE SENSORS



ISO16028 Series Hydraulic Couplings



ISO 7241 a B Closed Type Hydraulic Quick Coupling



Carbon steel pipe flange adapter



ASME standard Alloy 600 similar flange



Ss316 Stainless Steel Double Ferrules Elbow Unions Metric Tube

S-BEAM FORCE SENSORS



CYLINDRICAL FORCE SENSORS



DONUT RING FORCE SENSORS



BENDING SHEAR BEAM FORCE SENSORS



PRESSURE SENSORS

Pressure sensors, also called pressure transmitters, are based on the latest piezoresistive foil strain gauges and inductive measurement technology. Pressure sensors can be used for a wide variety of media and applications, such as monitoring water pressure or measuring pitot pressure. In [aerospace](#) engineering, our piezoresistive pressure sensors help distribute pressure across the wing's surface.



TEMPERATURE SENSORS

Integrable sensors and portable hand-held measuring devices

Temperature sensors are fundamental components in the world of technology and automation. They enable precise measurement of the temperature of objects, liquids and air, playing a crucial role in a multitude of industrial, scientific and domestic applications. In this article, we explore the operation, benefits and applications of temperature sensors.



INDUSTRIAL INSTRUMENTATION

Instrumentation is a collective term for measuring instruments that are used for direct reading of our sensors. Our standard or customized instrumentation products are used for complex industrial control systems in many different industries. We provide data logging systems, amplifiers and custom instrumentation solutions.

Our data loggers are divided into two categories: compact, screenless dataloggers with USB or Ethernet interface from [Dataq](#) or [Lascar](#) or highend data acquisition systems from [Graphtec](#) with an integrated, large-format color display.



INDUSTRIAL IIOT SENSOR SOLUTIONS

With the rapid expansion of the IoT landscape, sensors have become the backbone of seamless data acquisition, enabling smart decision-making and driving efficiency across industries. At Althen Sensors, we recognize the critical role these tiny marvels play in shaping the future of technology. Thus, we meticulously engineer our sensors, integrating state-of-the-art technology and expert craftsmanship to deliver unparalleled performance. In 2015, in addition to OEM sensors and T&M sensors, we established another division, IIoT Sensor Solutions. IIoT is the complete complex measurement solution where we combine our strong background in precision sensor hardware and electronics:

- Wireless data transmission
- Data storage
- Data analysis
- Intelligent dashboards with relevant information (web-based)



ELECTRIC MOTORS

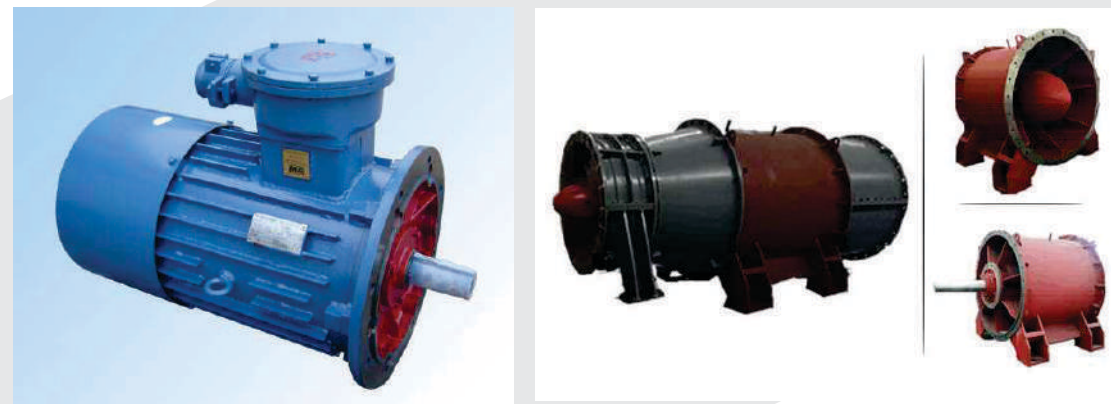
Electric motors are used in a wide range of applications, from large industrial equipment such as in mining operations, down to small household appliances like hair dryers.

Most electric motors draw less than 0.75 kW of power and are used in the residential and commercial sectors, for example inside refrigerators and computer hard drives. They account for only a small proportion of all electric motor power consumption.



SYNCHRONOUS MOTOR

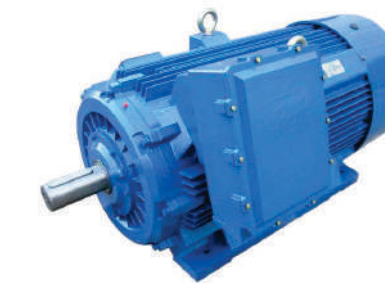
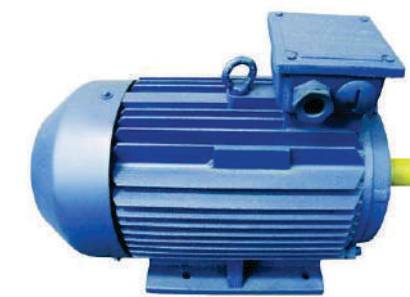
SPECIAL APPLICATION MOTOR



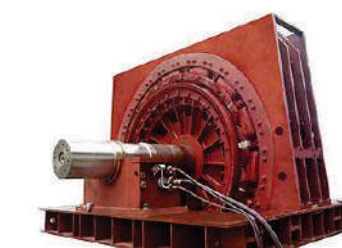
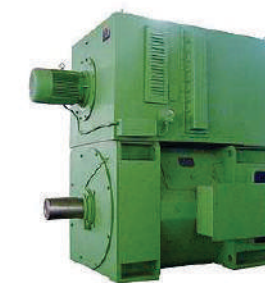
HIGH VOLTAGE MOTORS



LOW VOLTAGE MOTORS



DC MOTORS



ENGINE DRIVEN WELDERS / GENERATORS

Engine Drive Equipment Portable, multifunction equipment capable of providing welding output and auxiliary power to conquer your next job.



ELECTRONIC INSTRUMENTS

DIGITAL INDICATING CONTROLLERS



THERMOCOUPLES



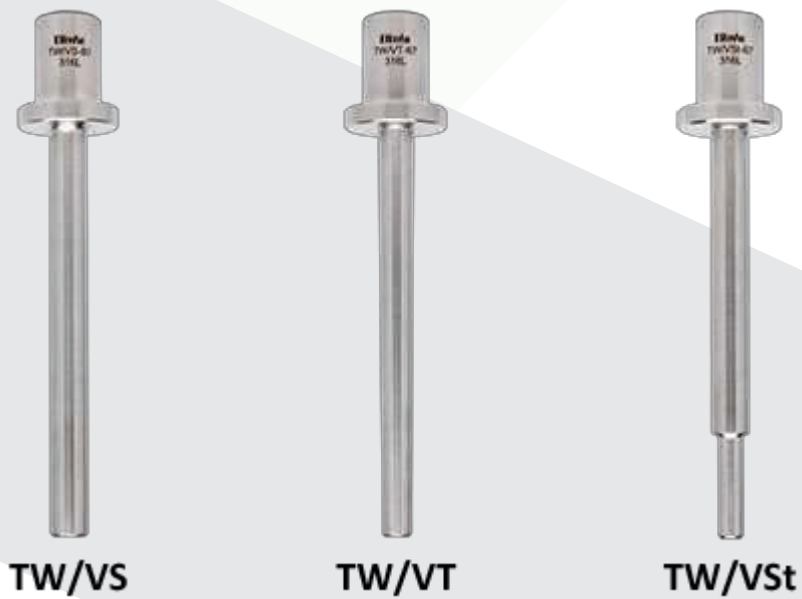
RESISTANCE THERMOMETERS



SENSORS - TRANSMITTERS - DETECTORS



THERMOWELLS



WEIGHING EQUIPMENTS





MRI SERVICE

With our MRI service, special gases and on-site gas production facilities, we have been expanding our activities mainly in the gas sector by becoming specialized in central lubrication systems, automation systems, cryogenic systems and gas equipment. At present, we are able to meet all of our customers' needs in relation to gases, cryogenic and gas equipment and many other high technology needs.

LIQUID HELIUM FILLING

Liquid helium forms the heart of the MRI system. The formation of the magnetic field is provided by liquid helium. Liquid helium filling in MRI systems can only be performed by trained personnel.

LIQUID NITROGEN FILLING

Nitrogen shield is used in some MRI systems to protect liquid helium in magnet for longer. Liquid nitrogen filling should be done by trained personnel, just like liquid helium filling.

LEVEL MONITORING

In order to ensure maximum performance of the MRI system and to minimize the filling period, the levels are regularly monitored and necessary calculations are made.

MAGNET COOLING

Before the installation of the MRI system, the MRI Unit, shipped warm, must be cooled to a temperature that can hold liquid helium. As with all filling operations, this must be done by trained personnel.

LUBRICATION SYSTEMS

Maintaining oil condition during the application stage is the main concern to prevent premature equipment failure and reduce equipment life. Preventing contamination starts by sealing and protecting your equipment to maintain its operating integrity. Evaluating the environment, access, criticality, and requirements of the equipment for the right products will lead to the proper adaptations to maximize your equipment's and lubricant's life.



- Opto-Matic Oilers
- Closed System Oilers
- Opto Laser Level
- D and DE Full Flow Dispensers



LATHES



Milling Machines



Grinding Machines



Drilling Machines



Industrial Saws EDM



EDM Machines



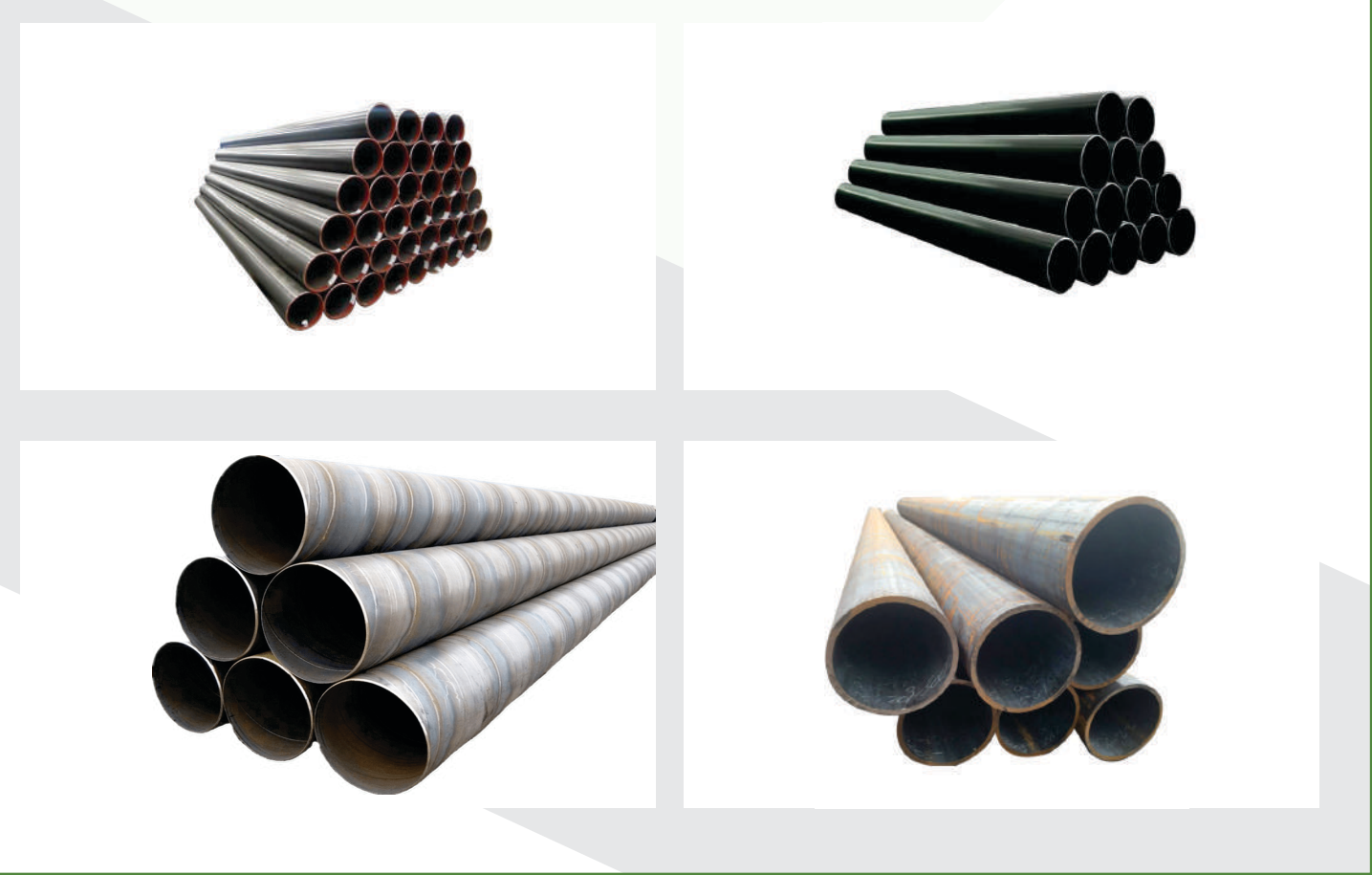
Laser Cutting Machines



Presses



Steel pipe



BUTT WELD PIPE FITTING



STEEL PIPE FLANGE



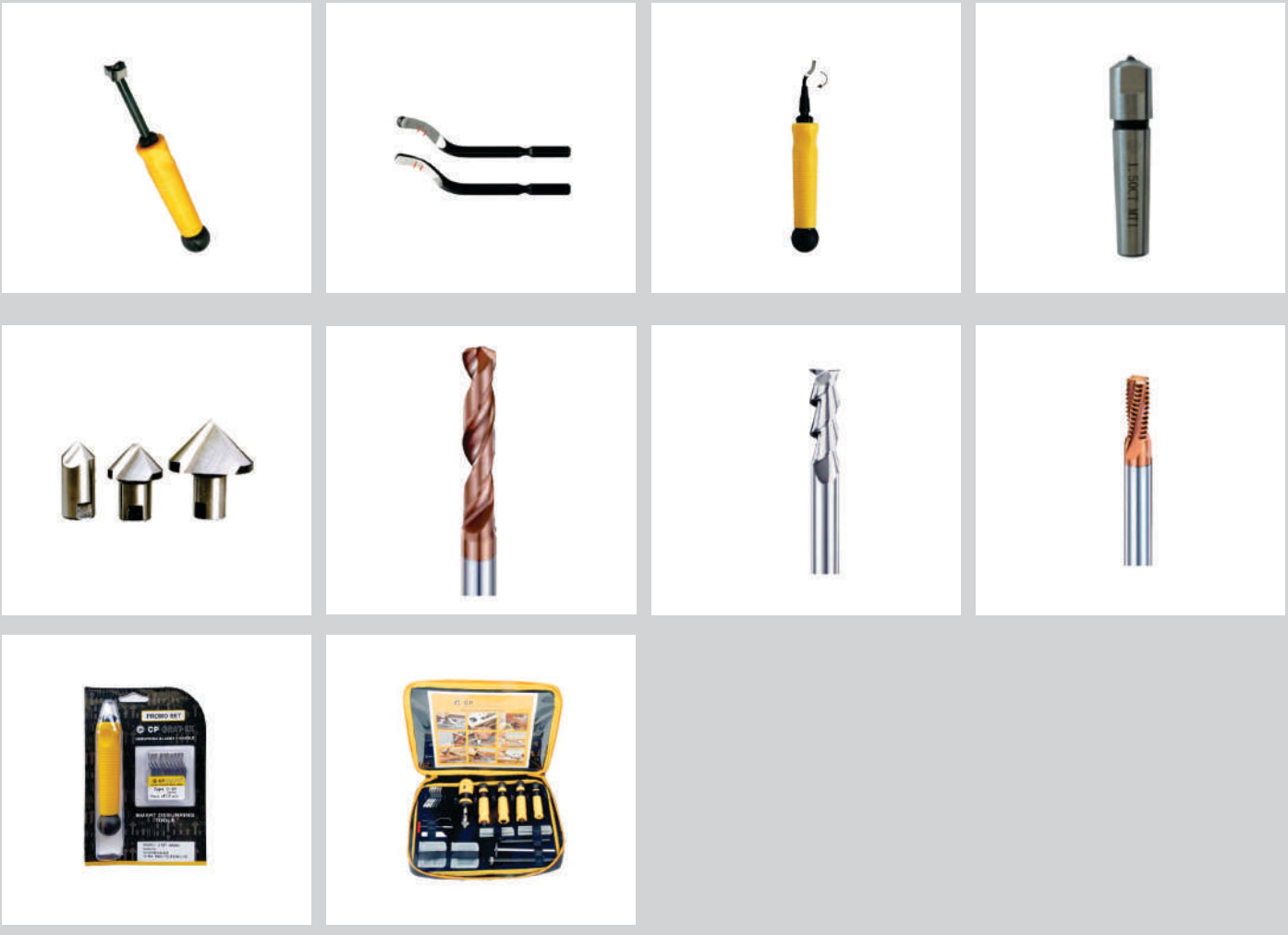
Diamond Bits



HEIKENEI®



Carbide Cutting Tools



TOOL HOLDERS



INSERT TOOL HOLDERS (CUTTER AND SCAN HEAD)

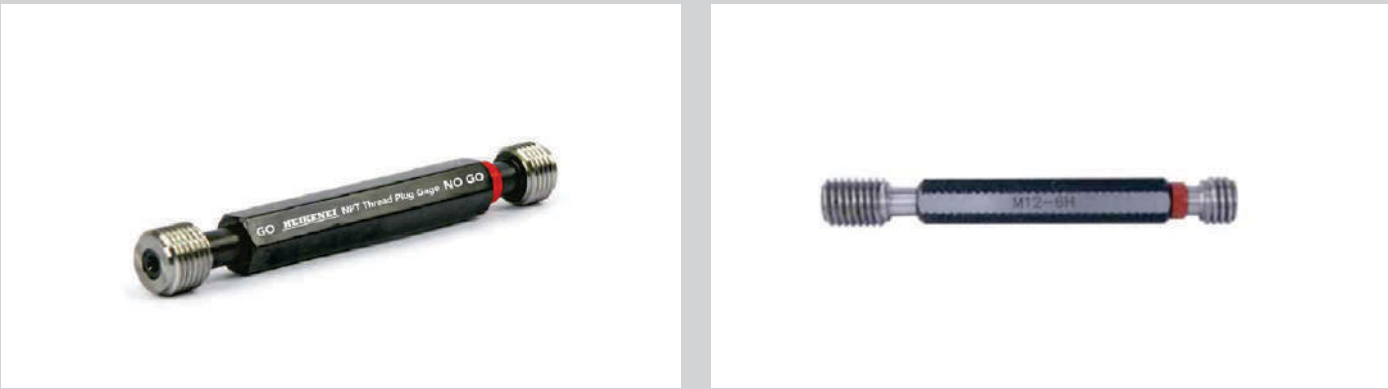




Milling and Drill Sharpening Machines



Buffer Screw Thread Control Gauge



Ring Screw Thread Checking Gauge

