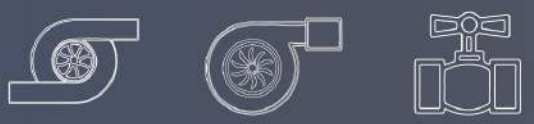




Equipment



...Because you're wise



Equipment

- 2 Rayeneh Group
- 3 Compressor
- 7 Turbin
- 11 Control System & Instrumentation
- 15 Valve
- 19 Electric Motor

RAYENEH-GROUP

**We Consider You To Be Our Colleagues
And Partners In The Process Of Supplying
Your Requirements**

Rayeneh-Group for more than 20 years, we have been active in supply and distribution of materials and equipment in piping, instrument, mechanical and all consumable materials through Japanese, Korean, European and AVL Manufacturers in Oil, Gas, Petrochemicals, power plant and other industries fields. While representing major global licensed manufacturers, our multilingual expert team has been focusing on offering best solutions, providing highest qualified products, equipment and services, and strengthening our partnership with our clients and customers. Your trust, believe and support is our major gain during these years.

PROJECT DEVELOPMENT AND PROMOTION

- Financial engineering for projects with the support of international financial and Supply chain
- Creating synergy between management, engineering and trade
- Providing unlimited finance and credit for projects
- Providing know-how and technology directly from reliable brands and sources
- Cooperating with owners and employers in overcoming challenges related to the chemical industry

EQUIPMENT

- Compressor
- Turbine
- Control System & Instrumentation
- Valves
- Electric Motors





COMPRESSOR

The application of compressor equipment in the oil and gas industry to process is one area that cannot be neglected especially. Depending on the type of machine that is employed, the pressure in natural gas can be enhanced and those held in a reservoir can be preserved with the right amount of pressure.

Rayeneh-Group has been supplying compressor, its consumable, and spare parts based on its partner's technical, engineering, and manufacturing capabilities and delivers to clients and end-users in Power Generation, Oil & Gas, and Petrochemical Industries.

All types of compressor

A) Positive Displacement

- Reciprocating Positive Displacement
- Rotary Positive Displacement
 - Rotary Screw
 - Rotary Van
 - Scroll

B) Dynamic

- Centrifugal
- Axial

MULTI-STAGE CENTRIFUGAL COMPRESSOR



ROTARY CO2 COMPRESSOR

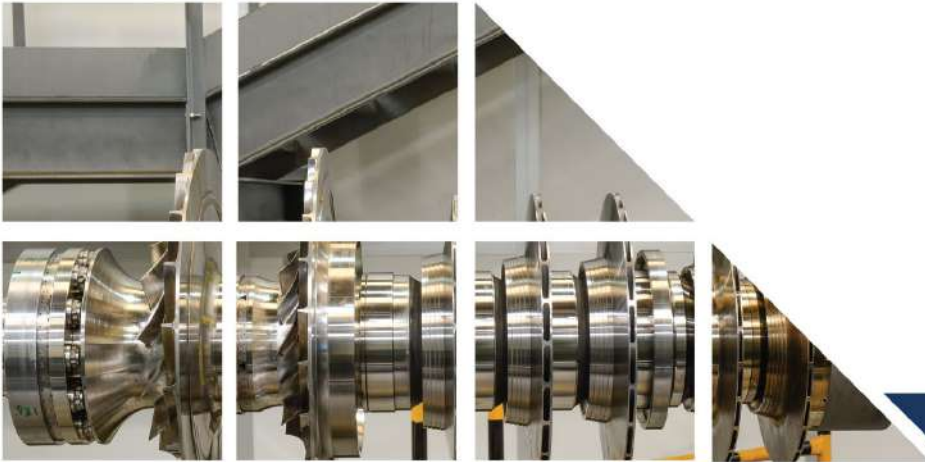


BUNDLE CO2 COMPRESSOR



COMPRESSOR

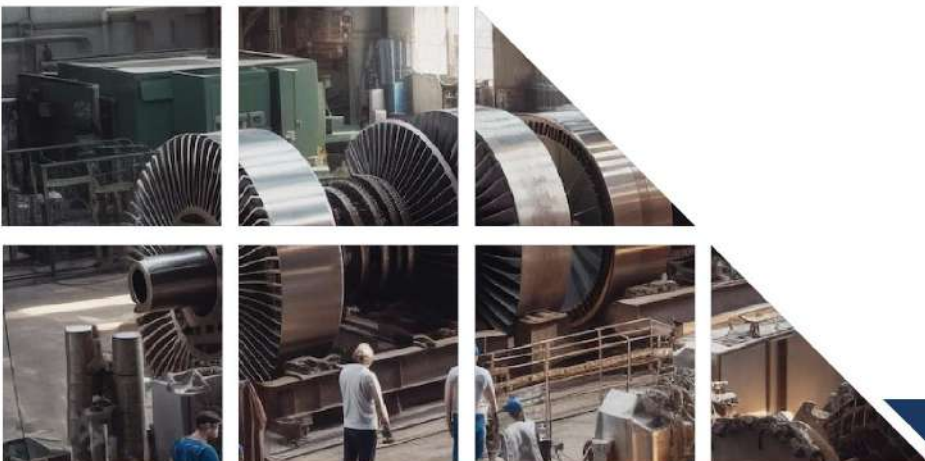
Spare Parts



BEARING



BLADE



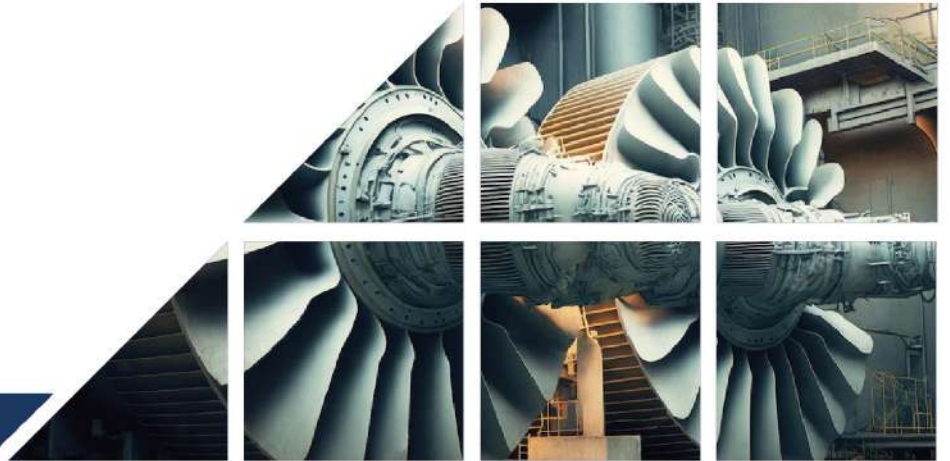
FUEL NOZZLE



COMPRESSOR FRAME



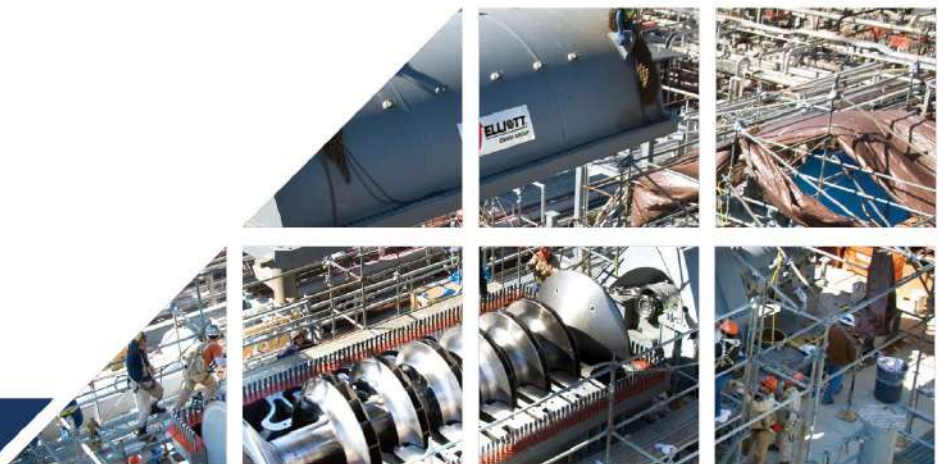
GASKET

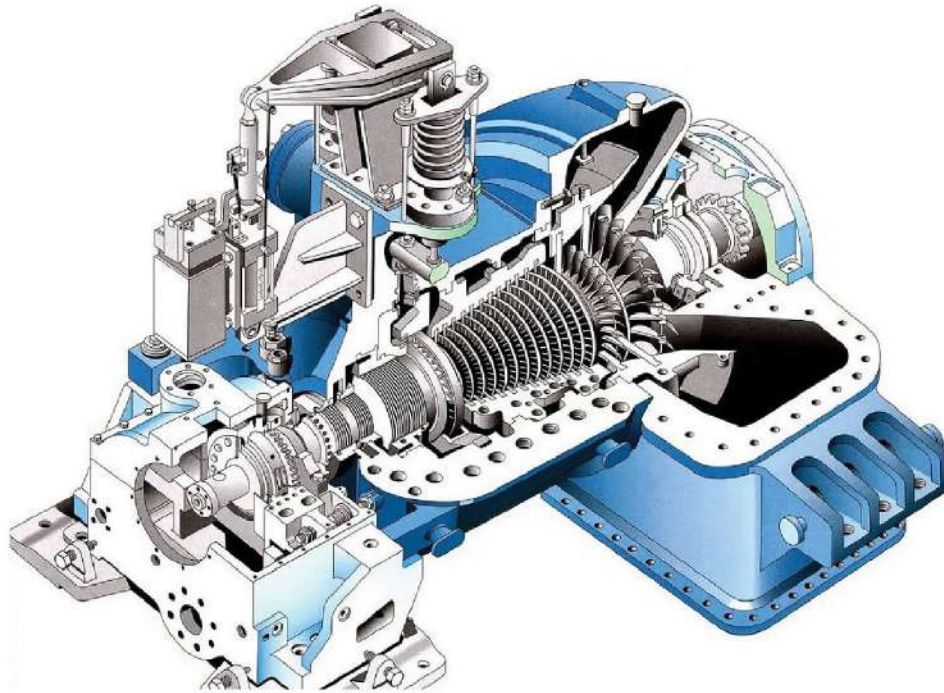


SHAFT SPARE PARTS



SEAL





TURBINE

The steam turbine is a machine that, categorized as a form of heat engine, is able to extract thermal energy from steam and convert it into rotary motions. Steam turbines can be found in key energy generation processes, including thermal power stations and district cooling schemes. These are manufactured for outputs from 50 kWe to 30 MWe. Specific steam consumptions depend on the absolute pressure ratio over the turbine and the size of set considered.

Rayeneh-Group has been supplying steam turbine, its consumable, and spare parts based on its partner's technical, engineering, and manufacturing capabilities and delivers to clients and end users in Power Generation, Oil & Gas, and Petrochemical Industries.

Types of Steam Turbines

Steam Turbine Types can be classified based on various parameters as listed below:

According to the action of steam

- Impulse Turbine and
- Reaction Turbine

According to the number of pressure stages or impellers

- Single-stage Turbine and
- Multistage Turbine

According to the type of blade row

- Pressure compounded stages
- Velocity compounded stage
- Reaction stage type

STEAM TURBINE



STEAM TURBINE ROTOR



STEAM TURBINE BLADES



TURBINE

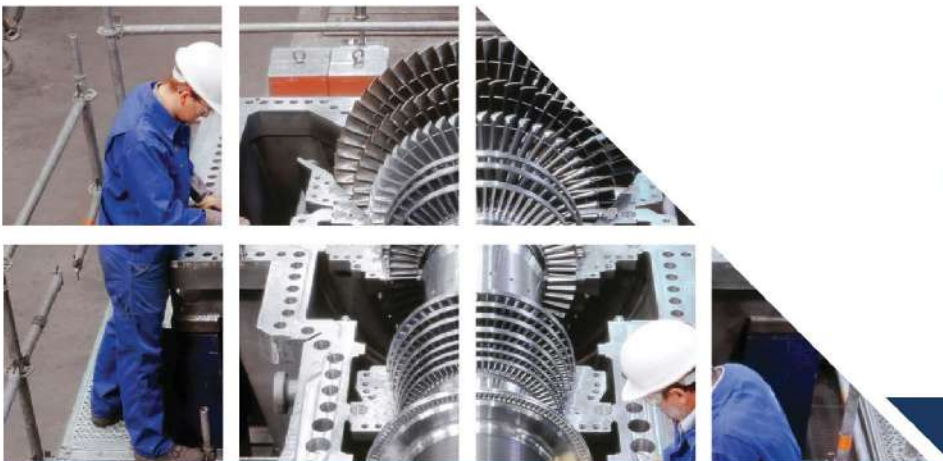
Spare Parts



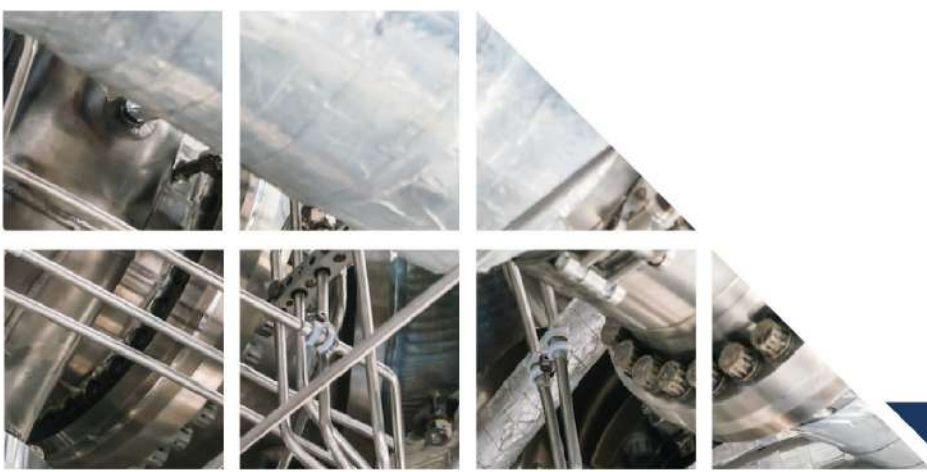
BEARING



TURBINE BLADES



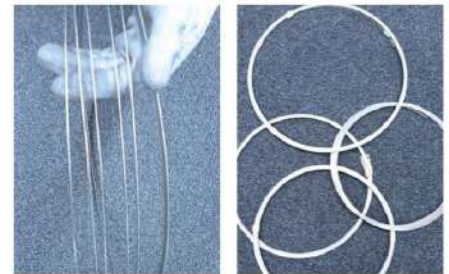
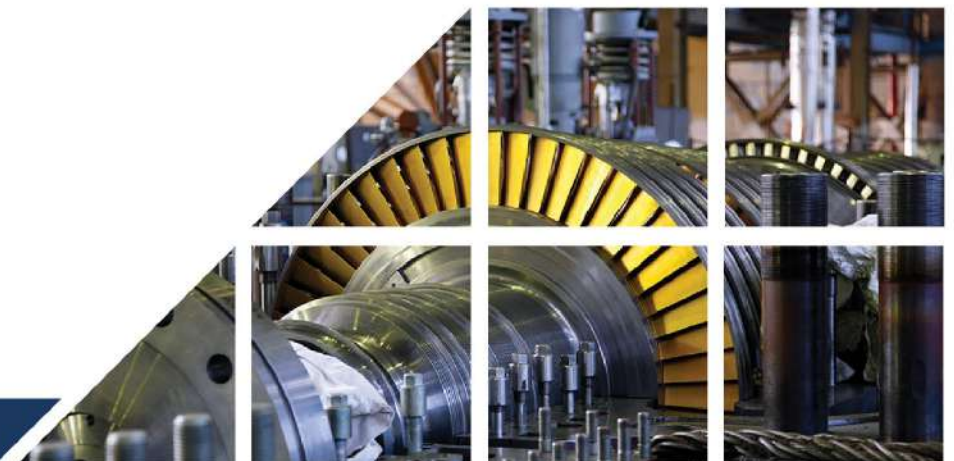
STEAM TURBINE SHAFT



TURBINE-SCREW



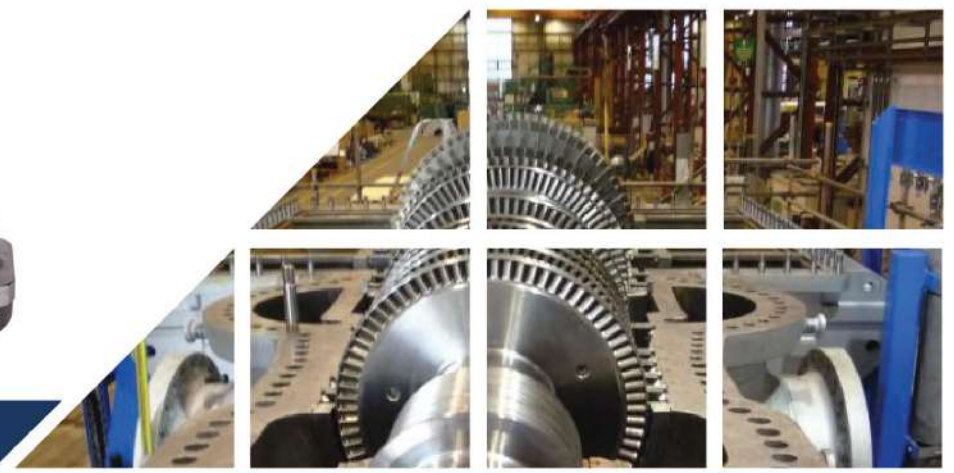
GASKET



STEAM TURBINE SEAL STRIPS



FUEL NOZZLE





CONTROL SYSTEM & INSTRUMENTATION

Rayeneh-Group with relying on the experiences and technical and engineering capabilities of leading and experienced partner companies, we have provided control systems, instrumentation tools, equipment, its services and spare parts for various industries. Along with supplying control systems and instrumentation products, our partners have been producing well-known high performance products using advanced and cutting-edge technologies.

Control System & Instrumentation Categories

- Common Industrial Process Control Equipment
- Level Control & Monitoring
- Distributed Control Systems (DCS)
- Pressure Control & Monitoring
- Automated Control Systems
- Temperature Control & Monitoring
- Flow Meters Sensors and Transmitters
- Supervisory Control & Data Acquisition (SCADA)

PROCESS TRANSMITTER WITH CONTROLLER



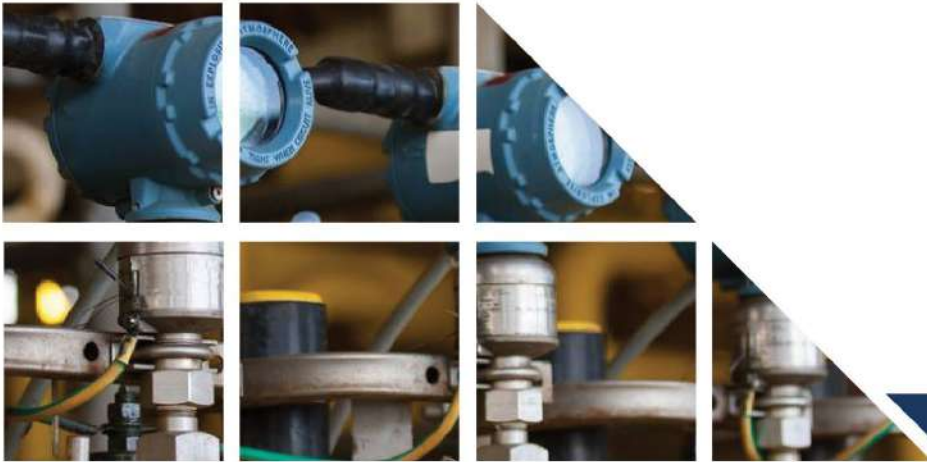
PROCESS CONTROL SYSTEM



ELECTRO-PNEUMATIC POSITIONER



CONTROL SYSTEM & INSTRUMENTATION



PRESSURE TRANSMITTER



TEMPERATURE TRANSMITTER



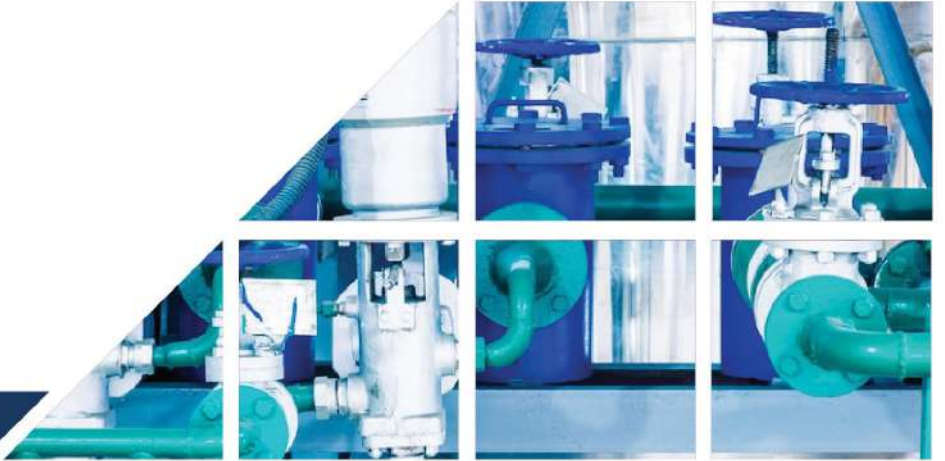
ORIFICE FLOW METER



DENSITY TRANSMITTER



MAGNETIC FLOWMETER



GLOW SWITCH



TEMPERATURE SWITCH





VALVE

The valve is an industrial equipment that can control, stop, mix, or change the direction, amount, pressure, or temperature of the fluid. Rayeneh-Group has been the cooperative of the world's leading industrial valve manufacturers from the past up to today.

Rayeneh-Group has been the representative of many different valve manufacturers for various sectors in almost all difficult processes. In addition to our comprehensive and special product range, we touch all inquiries and problems from an engineering perspective to finding solutions as per customer requirements, making our company one of the leading companies in this market for years. There are several types of valves used in today's industrial world. Some act as tight protection against leakage while others are great throttles.

Main Types of Industrial Valves

- Ball Valve
- Butterfly Valve
- Check Valve
- Gate Valve
- Globe Valve
- Needle Valve
- Pinch Valve
- Plug Valve
- Pressure Relief Valve

ACTUATED BALL VALVE



ACTUATED ON-OFF VALVE



SAFETY VALVE



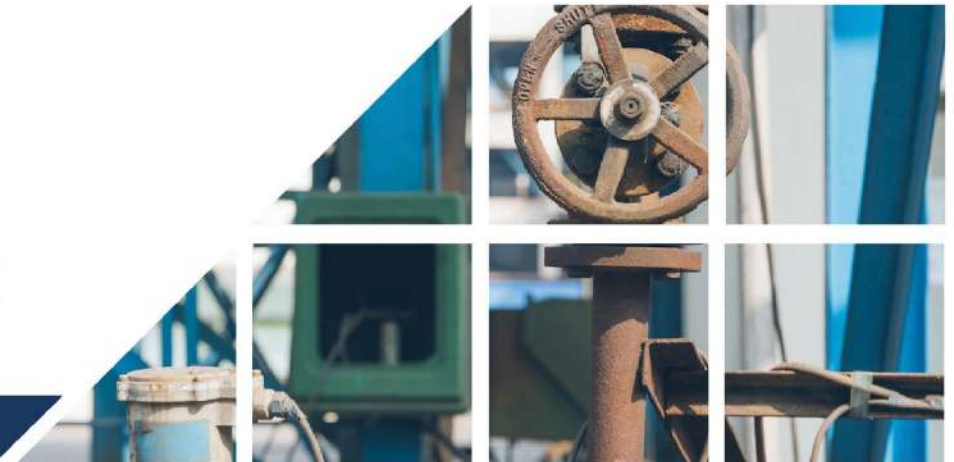
VALVE



CONTROL VALVE



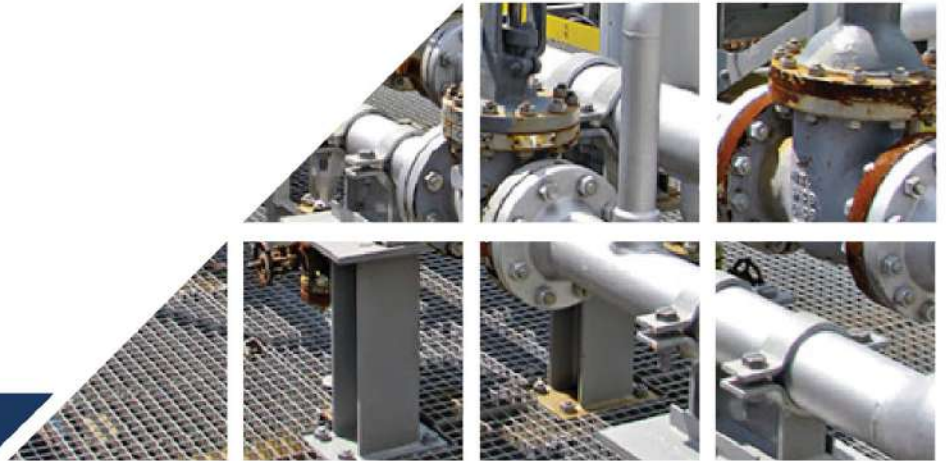
BUTTERFLY VALVE



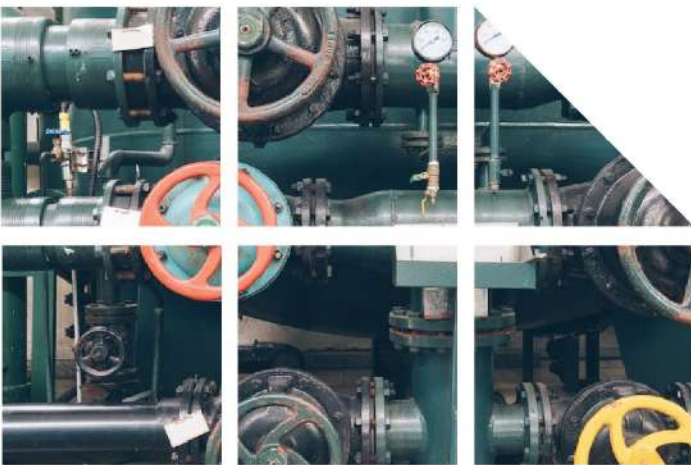
BALL VALVE



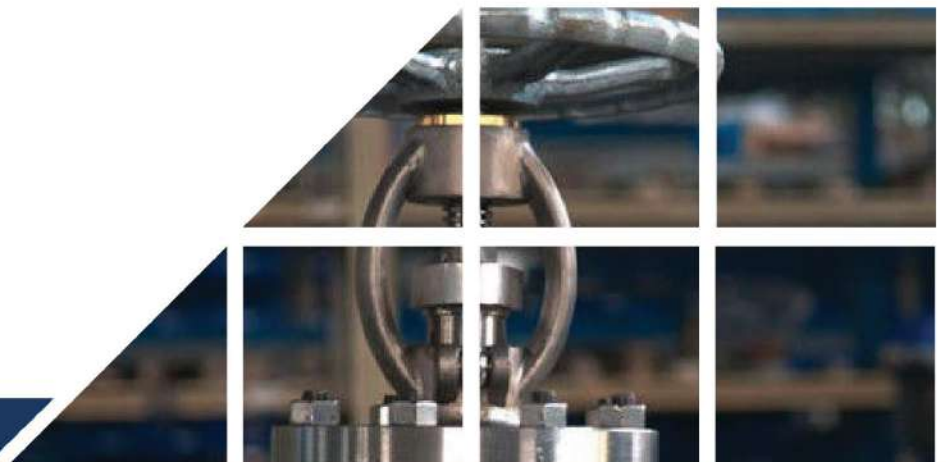
**HIGH-FLOW
GAS SHUT OFF VALVES**



SINGLE PORT VALVE



**PNEUMATIC
CONTROL VALVE**



**MAXSEAL
SOLENOID VALVE**



ELECTRIC MOTOR

An electric motor is a device used to convert electricity into mechanical energy-opposite to an electric generator. They operate using principles of electromagnetism, which shows that a force is applied when an electric current is present in a magnetic field.

Rayeneh-Group able to provide more than 3000 products in the field of Electro Motors and Excitation systems: A wide range of Electro Motors from 0.25 to 20 MW, generators to 280 MW, digital excitation systems, frequency converters, flow currents, and so on. We are able to provide all the products and services you need in the fields of electromechanical rail, power plant, and automotive transportation.

Electric motors are used in various of application

- Drills
- Industrial Pumps
- Hard Disc Drives
- Washing Machines
- Industrial Equipment

All Types of Electric Motor

- DC Motor
- AC Motor
- Other Motor

ELECTRIC MOTOR INDUSTRY IN COOLING TOWER SYSTEM



INDUSTRIAL ELECTRIC-MOTORS



SINGLE PHASE ELECTRIC MOTOR



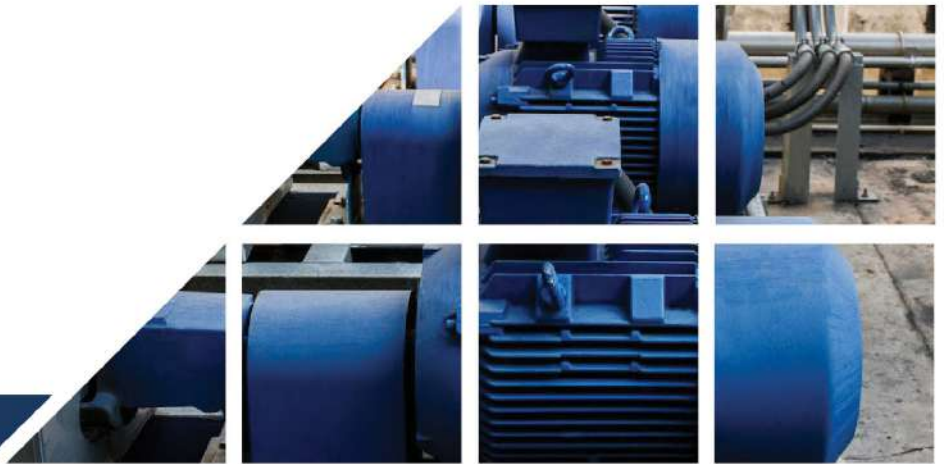
ELECTRIC MOTOR



**SINGLE-PHASE
ELECTRIC MOTORS**



**THREE PHASE
ELECTRIC MOTOR**



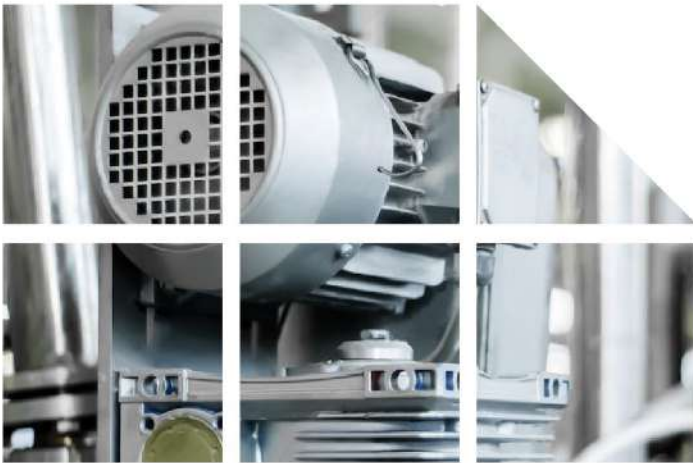
**THREE PHASE
CAST IRON MOTORS**



**INTEGRATED
MOTOR DRIVES**



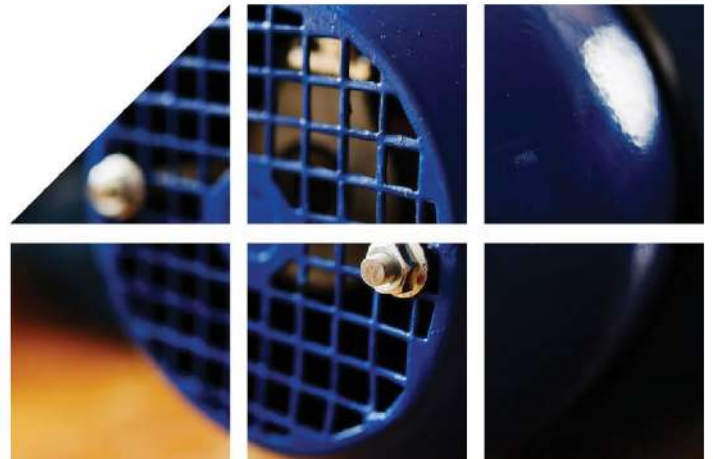
**MARINE
ELECTRIC MOTOR**



MOTOR DRIVES



**SMOKE
EXTEACTION MOTORS**





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