

★National Science and Technology - Based SME
★Provincial - Level Specialized Refined Distinctive and Innovative SME
★Listed Enterprise on Qingdao Blue Ocean Equity Exchange (Stock Code: 800796)
★Enterprise under Qingdao Qianfan Program
★Enterprise Featured in CCTV China Excellent Enterprise-Brand Showcase
★Enterprise Featured in CCTV Craftsmanship Program
Enterprise Certified with ISO9001 Quality Management System
★Enterprise Certified with GB/T 29490 - 2013 Intellectual Property Management System
Enterprise in Industry - University - Research Cooperation with Polymer Research Institute of Qingdao University of Science and Technology
★Formulating Unit of National Standard GB/T 3672.1 Tolerances for Rubber Products



Qingdao Ruichen Sealing Technology Co. , Ltd.

Company Profile

Qingdao Ruichen Sealing Technology Co., Ltd. is a professional manufacturer of hydraulic sealing elements. Its leading products include high-pressure seals, hydraulic seals, rotary seals, machined seals, Spring-Energized Seals (such as metal seals like piston rings or rod seals), and high-performance sealing materials.

The company holds an advanced domestic level in specialized fields such as ultra-high/high-pressure sealing, high-pressure high-speed rotary sealing, and mold-free machined seals. These products are widely applied in hydraulic machinery, plastic machinery, food & pharmaceutical machinery, petrochemical equipment, and other civil and military products.

Qingdao Ruichen Sealing Technology Co., Ltd. is a leading manufacturer specializing in high-performance hydraulic sealing solutions. With a proven track record of excellence, our quality seals have been exported to over 50 countries and regions worldwide, earning trust in diverse industrial markets.



Qualifications And Honors



Product Description

Hydraulic Seals

Common hydraulic seals include U - rings, Y - rings, V - rings, stepseals, guide rings, dust rings, O - rings, star rings, backup rings, etc. Common sealing materials include rubber, polyurethane, engineering plastics, etc. These seals are applied to various hydraulic systems such as hydraulic cylinders, valves, accumulators, pumps, and motors.



Rotary Seals

Including a number of the latest national patent technologies, the independently developed high - pressure and high - speed rotary seals have a maximum linear speed of up to 40m/s. Among them, the high - speed rotary seals can withstand a pressure of up to 3.5 MPa, and the low - speed rotary seals can withstand a pressure of up to 100 MPa. Besides, they can realize oil - free lubrication. These products are used in Roots blowers, centrifuges, hydraulic pumps, motors, air compressors, vacuum pumps, chemical pumps, etc.

High - pressure Seals

Including a number of the latest national patent technologies, the independently developed high - pressure seals have the characteristics of long service life, low friction, and excellent sealing performance. The maximum working pressure of dynamic seals can reach 720MPa, and they can be used for water pressure sealing. These products are used in hydraulic nuts, piston pumps, isostatic presses, homogenizers, and various supercharging equipment, making the company a leader in domestic high - pressure and ultra - high - pressure seals.



Turned Seals

Ruichen Sealing's turned seals have more than 260 pre - stored cross - sectional types, and can quickly produce rubber, polyurethane, and engineering plastic seals of any specification and cross - section. No molds are needed, and the fastest delivery time is 1 hour. The maximum processing diameter of turned seals is 2600 mm.

Spring - energized Seals

Composed of a PTFE (polytetrafluoroethylene) sealing ring with a built - in stainless steel spring, spring - energized seals are high - performance seals developed for application environments such as high temperature, corrosion, poor lubrication, and low friction to meet the increasingly harsh and diverse needs of industrial applications. They are used in food and pharmaceutical machinery, petrochemical equipment, pumps and valves, pressure vessels, aerospace equipment, etc.



High - performance Sealing Materials

Various modified PTFE composite materials; various polyurethane and rubber tubes and rods; engineering plastics such as nylon, polyoxymethylene, ultra - high molecular weight polyethylene, and polyether ether ketone. These materials are the basic materials for turned seals and can replace imported similar products.

Manufacturing Power

Qingdao Ruichen Sealing controls every step, from material R&D to mold design and precision production, delivering reliable, custom-tailored rubber and plastic seals.



Global Trust & Partnership

We actively engage with international clients, exporting our proven sealing solutions to over 50 countries. Committed to precision, performance, and partnership, Qingdao Ruichen Sealing is your reliable global sealing expert.



Contact Information

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