Runhe®

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RUNZETIANXIA
HEHEZHIYUAN

MOISTEN THE WORLD
HARMONY LEADS TO ETERNITY

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Dandong Runhe Seal Co.,Ltd.

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Dandong Runhe Seal Co.,Ltd.

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Runhe®



以精密，护万无一失
以匠心，筑行业标杆

Precision guarantees perfection
Ingenuity leads the industry

逐梦中国制造 铸就民族品牌

丹东润和密封有限公司
DANDONG RUNHE SEAL CO.,LTD.

SPECIALIZED IN
& MECHANICALSEALS
SUPPORT SYSTEMS

专注机械密封及辅助系统研发制造

符合API 682标准的各种工况机械密封、密封辅助系统。
集设计、研发、生产、销售与服务为一体。
提供技术咨询、选型、维保配套及特殊(专用)密封定制方案。

Mechanical seals and seal support systems for various service conditions complying with API-682 standard.
Integrating design, research and development, production, sales and services.
Provide technical consultation, type selection, maintenance supporting services and customized solutions.



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企业简介
COMPANY PROFILE

企业概况
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COMPANY PROFILE

DEVOTE DEEPLY TO SEALING INDUSTRY
FORGE PROFESSIONAL STRENGTH.

丹东润和密封有限公司创立于2008年，是一家集密封产品设计、研发、生产、销售、服务于一体的综合性制造企业。公司深耕行业多年，获评国家高新技术企业、省级专精特新中小企业、规模以上工业企业等多项资质，为中国通用机械工业协会（中通协）会员单位、辽宁民营企业协会会员单位，综合实力稳居行业前列。

公司与辽宁机电学院达成长期校企研发合作，持续迭代产品技术、优化产品品质。依托成熟的五轴精密加工设备、专业的生产检测团队及完善的品控体系，可针对各行业需求提供定制化密封加工解决方案，柔性生产能力稳定可靠。

截至2026年，公司现有员工90人，年产值预计突破5000万元，企业规模与产能稳步增长。公司主营机械密封、密封辅助系统两大核心产品，品类齐全、性能稳定、适配性强，广泛应用于石油、化工、造纸、食品、医药、电力、油田、冶金等工业领域。聚焦行业工况痛点，坚持定制化研发生产，精准匹配客户个性化需求。凭借优质的产品与服务，品牌深耕国内市场，同时远销海外多地。

凭借深厚的行业积淀、专业人才团队、严苛的品控体系、精湛的制造工艺及高效的现场服务，公司已发展成为密封行业极具竞争力的新锐企业。

以“逐梦中国制造、铸就民族品牌”为使命担当，以“天地人和、成就润和”为愿景蓝图，以“润泽天下、和合致远”为价值准则——扎根密封件细分领域，以润泽之术服务天下客户，以和合之道谋求长远发展，在产业报国的征程中成就一个技术过硬、品牌响亮、受人尊敬的“润和”。

COMPANY PROFILE

DEVOTE DEEPLY TO SEALING INDUSTRY
FORGE PROFESSIONAL STRENGTH

Dandong Runhe Seal Co., Ltd. was founded in 2008. It is a comprehensive manufacturing enterprise integrating design, research and development, production, sales and services of sealing products. Having been deeply engaged in the mechanical seal industry for many years, the company has obtained multiple qualifications including National High-Tech Enterprise, Provincial Specialized, Refined, Differential and Innovative Small-and-Medium-sized Enterprise and Above-Scale Industrial Enterprise. It is a member unit of China General Machinery Industry Association (CGMA) and Liaoning Private Enterprises Association, with its comprehensive strength ranking among the forefront of the industry.

The company has established long-term university-enterprise R&D cooperation with Liaoning College of Mechatronics Engineering to continuously iterate product technologies and optimize product quality. Supported by mature five-axis precision processing equipment, a professional production and inspection team and a complete quality-control system, the company can provide customized sealing processing solutions for demands from various industries with stable and reliable flexible production capacity.

As of 2026, the company has 90 employees. Its annual output value is expected to exceed 50 million RMB, and the enterprise scale and production capacity grow steadily.

Dandong Runhe Seal Co.,Ltd. focuses on two core products: mechanical seals and seal support systems. With a complete product portfolio, stable performance and wide adaptability, our products serve numerous industrial fields including petrochemical, papermaking, food and pharmaceutical, electric power, oilfield and metallurgy.

Based on the pain points of various complex working conditions, the company devotes itself to customized research, development and production to accurately meet customers’ personalized working-condition requirements. Supported by reliable product quality and comprehensive supporting services, our products sell well in the domestic market and are exported overseas, providing solid guarantees for the sealing safety of industrial equipment.

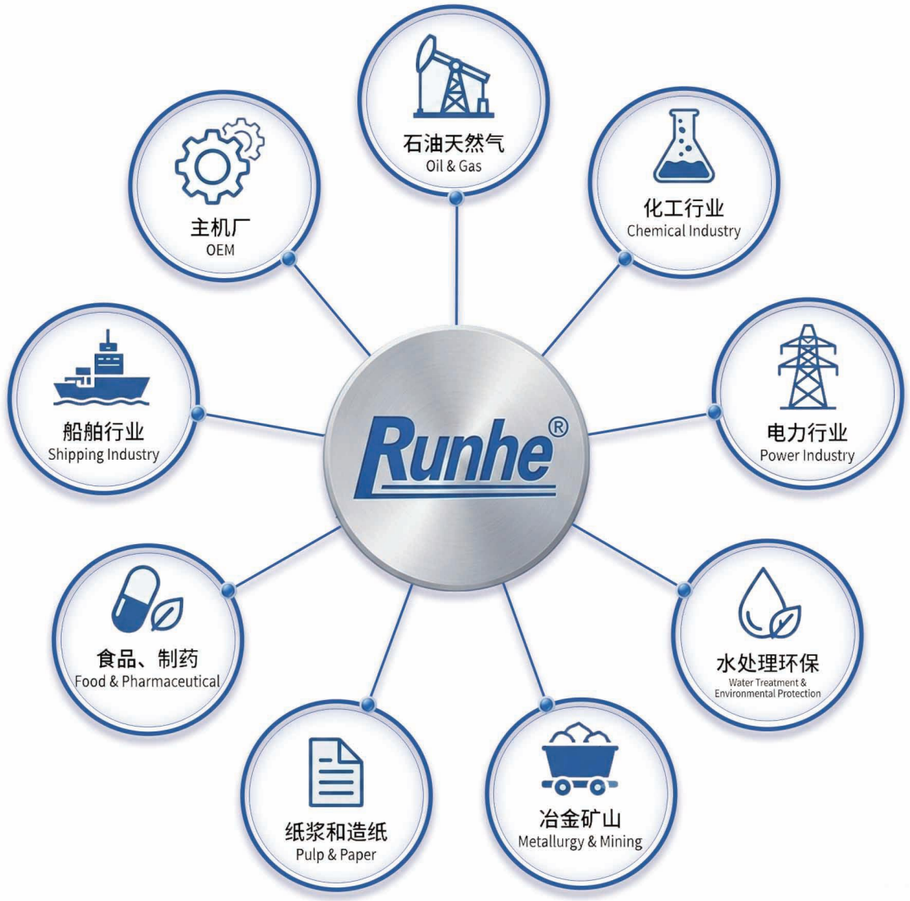
With profound industry accumulation, a professional talent team, rigorous quality control system, exquisite manufacturing techniques and efficient on-site services, Dandong Runhe Seal Co., Ltd. has developed into a highly competitive emerging enterprise in the sealing industry.

Since its establishment, adhering to the core value of "Benefit the world with sincerity, pursue harmony for long-term development" and the corporate mission of "Strive for Made in China, win with harmony to build a national brand", all staff commit themselves to dedicated work and the pursuit of ultimate quality, striving to realize the corporate vision of "Unity of heaven, earth and humanity, achieve brilliant development of Runhe".

Going forward, guided by the development strategy of "Customer First, Innovation-led, Efficiency-driven, Global Breakthrough", and positioned as a high-value brand enterprise featuring specialization, refinement, differentiation and innovation, the company will continue to delve deep into the sealing sector, keep upgrading its products and services, and deliver cost-effective products and premium services for new and existing customers. We sincerely hope to join hands with partners from all walks of life to pursue mutual benefits and create a promising future together.



产品应用 PRODUCT APPLICATION



企业文化 CORPORATE CULTURE

企业使命
CORPORATE MISSION

逐梦中国制造 铸就民族品牌

PURSUE THE DREAM OF MADE IN CHINA, FORGE NATIONAL RENOWNED BRANDS

企业愿景
CORPORATE VISION

天地人和 成就润和

HARMONIZE ALL REALMS, ACHIEVE PROSPERITY OF RUNHE

企业价值观
CORE VALUES

润泽天下 和合致远

MOISTEN THE WORLD
HARMONY LEADS TO ETERNITY

发展战略
DEVELOPMENT STRATEGY

客户至上 创新引领
效率驱动 全球突破

CUSTOMER FIRST, INNOVATION LEADING;
EFFICIENCY DRIVEN, GLOBAL EXPANSION.

Runhe®

Runhe®

发展历程 DEVELOPMENT PROCESS

丹东润和密封有限公司自 2008 年成立以来，始终扎根机械密封领域，以匠心守初心，一步一个脚印，实现了从初创到国家高新技术企业的跨越式发展。

Since its establishment in 2008, Dandong Runhe Seal Co.,Ltd. has been deeply rooted in the industrial sealing sector. Upholding ingenuity and staying true to its original aspiration, the company has advanced steadily and achieved leap-forward development from a start-up enterprise to a national high-tech enterprise. Below are the key milestones in the company’s development:

2008 年 扬帆起航，逐梦前行

3 月 20 日，丹东润和密封有限公司正式注册成立，落户辽宁丹东临港产业园区仪器仪表产业基地

公司以机械密封产品为切入点，开启创业征程，创始团队怀揣“用专业的心，做专业的事”的信念，立志在密封领域打造值得信赖的民族品牌

2008: Set Sail

On March 20, 2008, Dandong Runhe Seal Co., Ltd. was officially founded and stationed at the Instrument & Meter Industrial Base within Dandong Lingang Industrial Park, Liaoning.

Starting with mechanical seal products, the company embarked on its entrepreneurial journey. Guided by the core philosophy of “professionalism for excellence”, the founding team committed itself to building a reliable indigenous brand in the industrial sealing industry.

2009-2018 年 筑基成长，聚力腾飞

历经十余年深耕，企业从初创探索逐步走向稳健经营，产品结构实现从低端向中高端的持续升级

厂房面积从最初的 900 平方米逐步扩展，生产能力和工艺水平稳步提升

产品应用领域不断拓宽，覆盖石油、化工、造纸、食品、医药、电力、冶金等多个工业领域

2009-2018: Lay a Solid Foundation for Growth

After more than ten years of intensive development, the enterprise has gradually grown from initial-stage exploration to stable operation, with its product portfolio continuously upgraded from low-end to mid-to-high-end levels.

The plant area has expanded from the original 900 square meters, accompanied by steady improvement in production capacity and craftsmanship.

Its product application scope keeps expanding, covering multiple industrial sectors including petroleum refining, chemical processing, papermaking, food, pharmaceuticals, thermal power generation and metallurgy.

2019-2021 年 科技引领，跃升“高新”

成功入选辽宁省科技型中小企业名单，获得官方对企业在技术创新和研发能力上的高度认可

同年获评国家高新技术企业，标志着公司在核心自主知识产权、科技成果转化能力等方面达到行业领先水平

加入中国通用机械工业协会、辽宁民营企业协会，与更多优秀企业同行，共促区域产业发展

2019-2021: Led by Technology, Upgraded to High-Tech Enterprise

Dandong Runhe Seal Co., Ltd. was successfully included in the List of Science- and Technology-based Small- and Medium-sized Enterprises of Liaoning Province, gaining high official recognition for its technological innovation and R&D capabilities.

In the same year, the company was accredited as a National High-tech Enterprise. This milestone demonstrates that it has achieved industry-leading performance in core independent intellectual property rights as well as the transformation capacity of scientific and technological achievements.

Furthermore, Dandong Runhe Seal Co., Ltd. joined the Liaoning Private Enterprises Association, growing alongside other outstanding enterprises to jointly promote regional industrial development.

2022-2025 年 提质增效，双轮驱动

积极推进数字化转型升级，引入精密加工与检测设备，提升生产制造能力和质量控制水平

与辽宁机电学院开展校企合作，借力高校科研资源，加速产品研发和质量升级

凭借差异化竞争策略，成功拿下多家外资企业订单，品牌影响力持续提升

2024 年，公司产值突破 3000 万元，经营业绩再上新台阶

2022–2025: Quality & Efficiency Improvement, Dual-wheel Drive

The company actively promoted digital transformation and upgrading, introducing precision-processing and testing equipment to enhance manufacturing capacity and quality control standards.

It carried out university-enterprise cooperation with Liaoning Mechatronics College, leveraging the university’s scientific research resources to accelerate product R&D and quality improvement.

Adopting a differentiated competition strategy, the company secured orders from multiple foreign-funded enterprises, with its brand influence steadily growing.

In 2024, the company’s output value exceeded 30 million RMB, marking a new high in business performance.

2026 年至今 产能扩张，迈向新高

面对持续增长的订单需求，公司满负荷运转，一季度产值预计同比增长 50%

正式启动厂房扩建工程，厂房总面积进一步扩大，为企业未来发展蓄势储能

扩建完成后，年产值有望实现翻倍增长，产能和交付能力将全面提升

公司正朝着打造“专精特新”价值型品牌的目标坚定迈进

2026-Present: Expand Production Capacity, March Toward New Heights

Faced with continuously growing order demands, the company is operating at full capacity. Its output value for the first quarter is projected to rise by 50% year on year.

The official launch of the plant expansion project will further increase the total plant area to build momentum and lay solid foundations for the company’s future development.

Upon completion of the expansion, the annual output value is expected to double, with overall improvements in production capacity and delivery performance.

The company is advancing steadily toward its goal of building a value oriented brand featuring specialization, refinement, uniqueness and innovation.

核心实力 CORE STRENGTHS

丹东润和密封有限公司深耕机械密封领域十余载，在制造装备、检测能力、技术研发、人才团队、服务网络及内部管理等方面形成了系统性的核心竞争力，为企业高质量发展提供了坚实支撑。

Dandong Runhe Seal Co., Ltd. has specialized in mechanical seal products since its founding in 2008. Through continuous accumulation in manufacturing equipment, precision testing, technological R&D, talent team building, service network and internal management, the company has built comprehensive core competitiveness, underpinning its sustained high-quality development.

强大的制造优势

公司拥有各类生产设备数百台 (套)，其中数控加工中心机床数十台，包括：先进的 TEMA SPINNER 五轴加工中心、四轴卧式加工中心、三轴数控立式加工中心及多台数控车床、数控焊机、线切割、电火花加工机，构成完整的数控加工矩阵，满足不同规格、不同批量的生产需求。此外，公司还配备数控激光刻槽机、高精度研磨机、数控真空淬火时效炉、微束等离子焊机等专业工艺装备，为高端产品的制造提供有力保障。同时辅以各类通用加工设备，形成高中端搭配、通用与专用互补的合理装备结构，能够灵活应对各类产品的制造需求。

Strong Manufacturing Advantages

We owns hundreds of sets of various production equipment, including dozens of CNC machining centers. Among them are advanced TEMA SPINNER 5-axis machining centers, 4-axis horizontal machining centers, 3-axis CNC vertical machining centers, as well as multiple CNC lathes, CNC welding machines, wire electrical discharge machines (WEDM) and electrical discharge machining (EDM) machines. This forms a complete CNC machining fleet to satisfy production requirements for parts of diverse specifications and batch sizes.

In addition, we are equipped with specialized process equipment such as CNC laser grooving machines, high-precision grinders, CNC vacuum quenching and aging furnaces, and micro-beam plasma welders, providing robust support for manufacturing high-end products. Complemented by a full range of general machining equipment, we have established a well-balanced equipment portfolio combining high-end and mid-range machines, general-purpose and special-purpose units. This enables us to flexibly meet manufacturing demands for a wide spectrum of products.



完善的检测优势

公司拥有各类试验、检测设备及密封运转实验台，包括：密封平面度检测仪、密封疲劳实验机、密封弹力检测仪、电子测深仪等专业密封参数检测设备，以及手提式光谱分析仪、维氏硬度计、邵氏硬度计等材料分析检测仪器，覆盖从原材料入厂到成品出厂的全过程质量管控，实现从产品关键性能指标精准量化到材料元素成分与硬度指标测定的全方位检测能力。

公司建立完整的检验、试验、检测体系，严格执行从原料入厂检验、生产过程检验、产品试验到产品出厂检验的四级检验制度，每一环节均由专业检验人员依据准确的检测设备和科学的检测方法进行操作，不折不扣贯彻执行ISO9001质量管理体系、ISO14001环境管理体系、ISO45001职业健康安全管理体系的要求，确保产品质量的优异性与一致性。

Comprehensive Testing Advantages

The company is equipped with various test and inspection devices as well as seal running test benches, including professional seal parameter testing instruments such as seal flatness testers, seal fatigue testing machines, seal spring force detectors and electronic depth gauges. We also deploy material analysis instruments including portable optical spectrometers, Vickers hardness testers and Shore hardness testers. This setup enables full-process quality control covering raw material incoming inspection through finished product delivery, delivering comprehensive inspection capacity: from precise quantification of key product performance indicators to the determination of material elemental composition and hardness values.

The company has established a complete inspection and testing system. We rigorously implement a four-level inspection regime: incoming raw material inspection, in-process production inspection, product testing and pre-delivery inspection. At every stage, qualified inspectors conduct tests with precision equipment and scientific test methodologies. We fully comply with the requirements of ISO9001 Quality Management System, ISO14001 Environmental Management System and ISO45001 Occupational Health and Safety Management System to guarantee superior and consistent product quality.

人才优势

公司坚持以人为本的人文理念，吸引并培养了一批多年从事机械密封行业的专业技术人才与高素质管理人才，构建了结构合理、经验丰富的人才梯队。

目前，公司已形成覆盖市场开拓、技术研发、工艺设计、生产制造、质量检验、企业管理、客户服务等多个核心环节的专业团队。骨干员工具有较高的专业素养与敬业精神，是公司持续创新与稳健发展的中坚力量。

Talent Advantages

Dandong Runhe Seal Co., Ltd. adheres to the people-oriented philosophy. It attracts and nurtures a cohort of professional technicians and high-caliber management talents with extensive experience in the mechanical sealing industry, establishing a well-structured and experienced talent echelon.

At present, the company has built a professional team covering core business segments: market development, technological R&D, process design, manufacturing, quality inspection, enterprise management and customer service. Backbone employees are equipped with solid professional competence and strong professionalism, acting as the core driving force behind the company’ s continuous innovation and stable growth.

技术与研发优势

公司持续推进技术创新体系建设，在资质平台、产学研合作、知识产权及定制化设计等方面形成了系统的技术竞争优势。

资质平台：公司系国家高新技术企业、省专精特精企业，同时是中国液压气动密封件行业协会会员单位及中国通用机械工业协会会员单位，行业技术地位与品牌影响力获得权威认可。

产学研协同：公司与国内高等院校建立长期校企合作关系，借力高校科研资源，围绕新材料应用、密封性能优化及个性化定制等领域开展联合技术攻关，加速技术创新与成果转化。

知识产权：自成立以来，公司始终重视技术研发投入，已取得多项专利，形成了具有自主知识产权的核心技术体系，提升了在特定应用场景下的产品竞争力。

定制化设计能力：公司具备较强的定制化设计与生产能力，可根据不同行业的工况特点及客户差异化需求，提供个性化的密封技术解决方案，满足多元化的工业应用场景。

Technology and R&D Advantages

Dandong Runhe Seal Co., Ltd keeps advancing the development of its technological innovation system, building systematic technological competitive advantages in qualification platforms, industry-university-research cooperation, intellectual property rights and customized design.

Qualification Platforms

As a National High-tech Enterprise, the company holds membership in the Mechanical & Packed Static Seal Branch of China Hydraulics Pneumatics & Seals Association and the Pump Branch of China General Machinery Industry Association. Its technical standing and brand influence within the industry have gained authoritative recognition.

Industry-University-Research Collaboration

The company has established long-term university-enterprise partnerships with domestic institutions of higher learning. Drawing on universities' scientific research resources, it carries out joint technical research focusing on new-material application, sealing-performance optimization and personalized customization to accelerate technological innovation and achievement transformation.

Intellectual Property Rights

Since its foundation, the company has consistently attached great importance to investment in technological R&D. It has obtained multiple patents and built a core-technology system with independent intellectual property rights, enhancing product competitiveness under specific application scenarios.

Customized Design Capability

The company possesses solid customized design and manufacturing capabilities. In accordance with working-condition characteristics of different industries and clients' differentiated requirements, it delivers personalized sealing technical solutions to satisfy diverse industrial application scenarios.



服务优势

丹东润和密封有限公司在全国设有多个办事处，业务覆盖国内主要省、市、自治区；与此同时，公司在全球多个国家设立代理商网络，形成了“国内区域深耕、国际多点布局”的立体化服务架构，致力于为客户提供贴近需求、响应迅捷的本地化支持。

丹东润和密封有限公司建立从售前技术选型咨询、售中方案设计到售后安装指导、故障诊断的全生命周期服务体系，力求以最短的时间响应客户需求，为客户提供全方位、专业化的技术服务。

Dandong Runhe Seal Co., Ltd. operates multiple offices nationwide, covering major provinces, municipalities directly under the Central Government and autonomous regions of China. Meanwhile, the company has built an agent network in multiple countries around the world, forming a three-dimensional service framework featuring in-depth domestic regional coverage and multi-site global layout. It is committed to delivering demand-oriented and swiftly-responsive localized support for customers.

Dandong Runhe Seal Co., Ltd. has established a full-lifecycle service system encompassing pre-sales technical selection consultation, in-sales solution design, after-sales installation guidance and fault diagnosis. The company strives to respond to customer requirements in the shortest possible time and provide comprehensive, professional technical services.

内部管理优势

管理体系认证：公司先后通过ISO9001质量管理体系、ISO14001环境管理体系、ISO45001职业健康安全管理体系三项权威认证，建立了规范化、标准化的现代企业管理架构。

数字化转型：公司积极推动数字化管理升级，已构建OA审批系统、ERP管理系统、客户关系管理系统（CRM） 等信息化管理平台，有效提升内部协同效率与管理透明度。

精细化管理：通过不断引进中高端管理人才，持续优化内部控制流程，强化制度执行与绩效考核，公司在供应链管理、生产调度、成本控制、质量追溯等方面形成了系统的管理优势，为企业规模化发展与持续扩张奠定了坚实的管理基础。

Internal Management Advantages

Management System Certifications
The company has obtained three authoritative certifications: ISO 9001 Quality Management System, ISO 14001 Environmental Management System and ISO 45001 Occupational Health and Safety Management System. A standardized and formalized modern enterprise management structure has been established.

Digital Transformation
Actively advancing digital-management upgrading, the company has deployed information-based management platforms including OA approval system, ERP management system and Customer Relationship Management (CRM) system, effectively improving internal collaboration efficiency and management transparency.

Refined Management
By continuously recruiting mid-to-senior management talents, steadily optimizing internal control procedures, and strengthening system implementation and performance assessment, the company has built systematic management advantages in supply-chain management, production scheduling, cost control and quality traceability. This lays a solid managerial foundation for the enterprise' s scaled-up development and sustained expansion.



企业资质
QUALIFICATION













企业荣誉
CORPORATE HONORS



















工厂展示
OUR FACTORY



弹性元件刚度检测仪



釜密封试验台



高精研磨机



光学平晶检测仪



激光雕刻机



三坐标检测仪



五轴加工中心



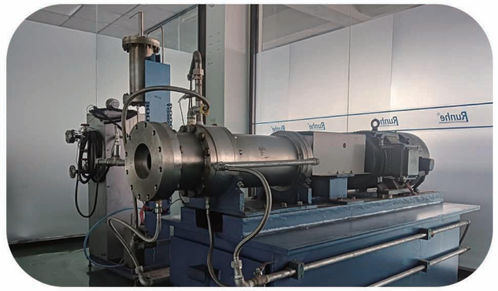
数控加工中心

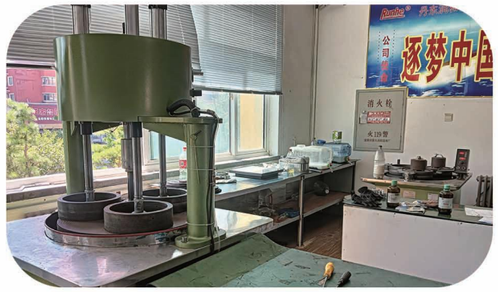


数控加工车间




微束等离子焊机


机械密封高温实验台


研磨车间


全自动氩弧焊机


钻铣车间


数控车加工车间


检测中心


仓储中心

公司团队 OUR TEAM





ESPRIT
DE CORPS





COMPANIONSHIP



丹东润和密封有限公司拥有一支协同高效的专业团队，研发、生产、质检、销售、外贸与技术服务各岗位紧密配合。全体成员深耕机械密封行业，依托扎实技术与丰富项目经验，用心响应海内外客户各类工况需求，以团队合力打造高品质密封产品。

公司重视人才培养与团队氛围建设，定期开展技术研讨、专业培训与行业交流，包容务实、同心共进。我们以匠心凝聚人心，以温情凝聚团队，每一位成员各司其职、彼此扶持，长久稳定地为全球客户提供持续可靠的密封配套服务。

Dandong Runhe Seal Co., Ltd. features an efficient and collaborative team covering R&D, production, quality inspection, domestic sales, international trade and technical service. All team members have long been engaged in the mechanical sealing industry. Supported by solid technical know-how and abundant project experience, we earnestly address diverse working condition demands globally, and manufacture premium sealing products through joint efforts.

The company attaches great importance to talent development and team culture. We organize regular technical seminars, professional training and industry exchanges, fostering an inclusive, pragmatic and progressive working atmosphere. United by craftsmanship and mutual respect, every member fulfills their duties and supports one another, enabling us to deliver consistent and dependable sealing solutions for global partners over the long run.

核心产品 CORE PRODUCTS

主营机械密封、密封辅助系统和精密加工三大业务，产品广泛应用于石油、化工、造纸、食品、医药、电力、油田、冶金等领域。

We specialize in three major businesses: mechanical seals, seal auxiliary systems and precision machining. Our products are widely applied in petroleum, chemical, papermaking, food, pharmaceutical, electric power, oilfield, metallurgy and other industries.

产品分类
PRODUCT CLASSIFICATION

●**泵用机械密封：**橡胶波纹管机械密封、弹簧机械密封、金属波纹管机械密封、颗粒介质机械密封、高参数机械密封

●**釜用机械密封：**弹簧釜用机械密封、金属波纹管釜用机械密封

●**压缩机用密封：**压缩机弹簧机械密封、压缩机金属波纹管机械密封、碳环密封

●**工程密封：**高压密封、高速密封、高温密封、超低温密封、浆液密封

●**其它密封：**磁力密封、迷宫密封、橡胶密封圈、聚四氟乙烯垫

●**机械密封辅助系统：**换热器、储液罐、收集罐、活塞蓄能器、旋液分离器、磁力循环泵、手动补液泵、手动补液车、油站、水站等系统附件及符合API682标准的全系列整套辅助系统。

Pump Mechanical Seals
Rubber bellows mechanical seals, spring mechanical seals, metal bellows mechanical seals, particle medium mechanical seals, high-parameter mechanical seals
Reactor Mechanical Seals
Spring type reactor mechanical seals, metal bellows reactor mechanical seals
Compressor Seals
Compressor spring mechanical seals, compressor metal bellows mechanical seals, carbon ring seals
Engineering Seals
High-pressure seals, high-speed seals, high-temperature seals, cryogenic seals, slurry seals
Other Seals
Magnetic seals, labyrinth seals, rubber sealing rings, PTFE gaskets
Mechanical Seal Auxiliary Systems
Heat exchangers, liquid storage tanks, collection tanks, piston accumulators, hydrocyclone , magnetic circulation pumps, hand pumps, hand trolleys, oil stations, water stations and other system accessories; full-range complete support systems complying with API 682 standard.

泵用机械密封
MECHANICAL SEAL FOR PUMPS

性能参数 / Performance Parameters
- 压　力 (Pressure)：-0.1 ~ 14 MPa
- 温　度 (Temperature)：-75 ~ 400 ℃
- 轴　径 (Shaft Size)：10 ~ 200 mm
- 线速度 (Speed)：0 ~ 25000 rpm

针对性选型选材，特异性设计，保证最优的密封方案。

典型应用：产品广泛应用于石油输送、石油炼制、石油化工、煤化工、化肥、电力、食品、制药、造纸、环保、天然气、矿业、船舶等各种离心泵、管线泵、化工流程泵。

Targeted type selection and material selection as well as customized design ensure the optimal sealing solutions.
Typical Applications
Our products are widely used in various centrifugal pumps, pipeline pumps and chemical process pumps for petroleum transportation, petroleum refining, petrochemical industry, coal chemical industry, chemical fertilizer, electric power, food, pharmaceutical, papermaking, environmental protection, natural gas, mining, shipping and other fields.















Runhe®

釜用机械密封

MECHANICAL SEALS FOR REACTORS

性能参数 Performance Parameters
- 压力 Pressure：-0.1~4.0MPa
- 温度 Temperature：-75~300°C
- 轴径 Shaft Diameter：30~200mm
- 转速 Rotating Speed：≤1450rpm

针对性选型选材，特异性设计，保证最优的密封方案。

典型应用：产品广泛应用于石油化工、煤化工、化肥、食品、制药、造纸、矿业等各种搅拌器、反应釜、聚合釜。

Adopt targeted selection of models and materials and exclusive design to deliver the optimal sealing solution.
Typical applications: The product finds extensive application in agitators, reactors, and polymerization vessels serving a broad range of industries, including petrochemicals, coal chemicals, fertilizers, food processing, pharmaceuticals, pulp & paper,



Runhe®

压缩机用密封

MECHANICAL SEALS FOR COMPRESSORS

性能参数 Performance Parameters
- 压力 Pressure：-0.1~6.5MPa
- 温度 Temperature：-40~250°C
- 轴径 Shaft Diameter：50~200mm
- 转速 Rotating Speed：≤3500rpm

针对性选型选材，特异性设计，保证最优的密封方案。

典型应用：产品广泛应用于气体输送、石油炼制、石油化工、煤化工、化肥、天然气等各种离心压缩机、螺杆压缩机。

We implement targeted model and material selection plus customized design to ensure the best sealing solution.
Typical Applications: Our products are widely used in various centrifugal compressors and screw compressors for gas transmission, petroleum refining, petrochemical industry, coal chemical industry, chemical fertilizer, natural gas and other fields.









工程密封
ENGINEERING SEALS

性能参数 Performance Parameters
- 压力 Pressure：-0.1~14MPa
- 温度 Temperature：-75~400℃
- 轴径 Shaft Diameter：10~250mm
- 转速 Rotating Speed：≤10000rpm

针对高低温、高压、大轴径等极端参数进行特殊设计，提供针对性的密封方案，保证关键设备的稳定运行。

典型应用：产品广泛应用于石油输送、石油炼制、石油化工、煤化工、化肥、电力、食品、制药、造纸、环保、天然气、矿业、船舶等各种关键设备。

Specially designed for extreme working conditions such as high and low temperature, high pressure and large shaft diameter, we provide targeted sealing solutions to ensure stable operation of core equipment.
Typical Applications: Widely applied to key equipment in petroleum transportation, petroleum refining, petrochemicals, coal chemicals, chemical fertilizers, power, food, pharmaceutical, papermaking, environmental protection, natural gas, mining, shipping and other industries.







其它密封
OTHER SEALS

磁力密封、迷宫密封、橡胶密封圈、聚四氟乙烯垫

Magnetic Seals, Labyrinth Seals, Rubber Sealing Rings, PTFE Gaskets









机械密封辅助系统
MECHANICAL SEAL SUPPORT SYSTEM

供货范围：

提供符合API682标准的机械密封辅助系统功能件及成套系统，满足用户需求的特制产品。

典型应用：

产品广泛应用于石油输送、石油炼制、石油化工、煤化工、化肥、电力、食品、制药、造纸、环保、天然气、矿业、船舶等各种旋转设备。

Supply Scope

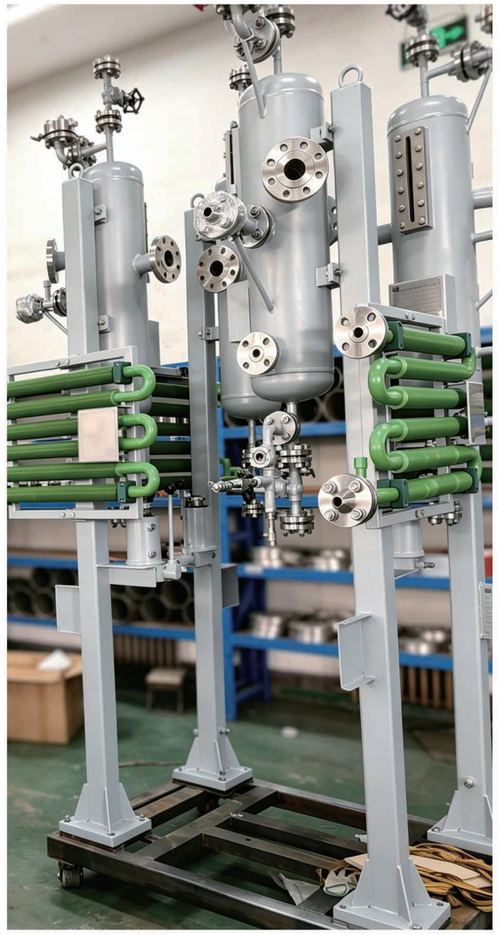
We supply functional components and complete sets of mechanical seal auxiliary systems complying with API682 standards, as well as customized products to meet diverse customer demands.

Typical Applications

Widely applied to various rotating equipment in petroleum transportation, petroleum refining, petrochemical, coal chemical, fertilizer, electric power, food, pharmaceutical, papermaking, environmental protection, natural gas, mining, marine and other industries.



PLAN53A水冷



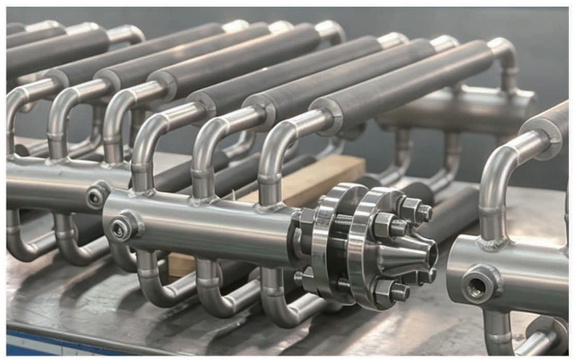
PLAN53A风冷



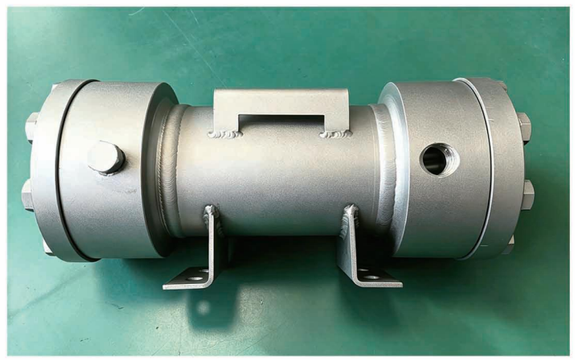
PLAN53B水冷



RHR水冷换热器



RFR风冷换热器



RLR列管换热器



RG储液罐

机械密封辅助系统
MECHANICAL SEAL SUPPORT SYSTEM



PLAN53B风冷



PLAN53B循环泵



PLAN53C



PLAN52



RYZ旋液分离器



RSP手动补液泵



RCB磁力循环泵

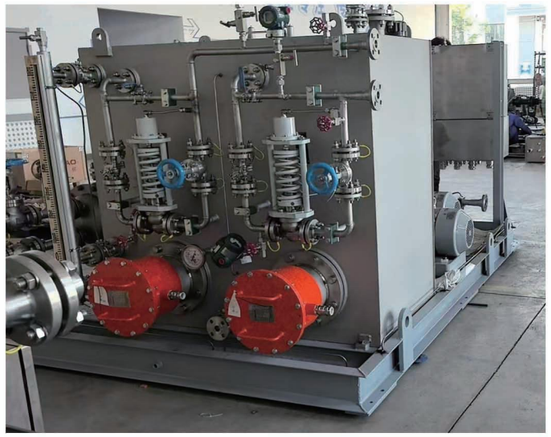


RC活塞蓄能器

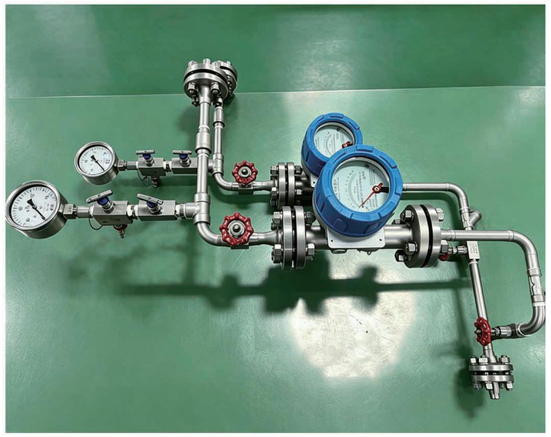


RSM手动补液车

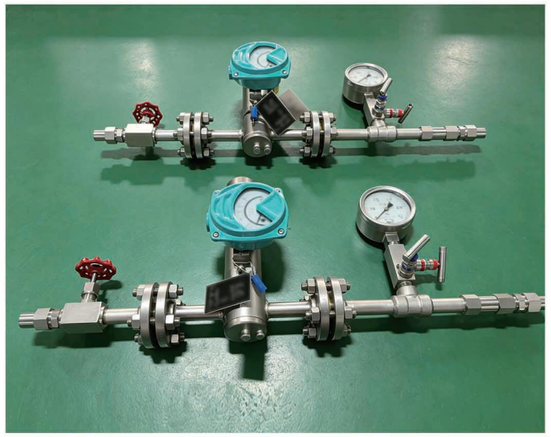
机械密封辅助系统
MECHANICAL SEAL SUPPORT SYSTEM



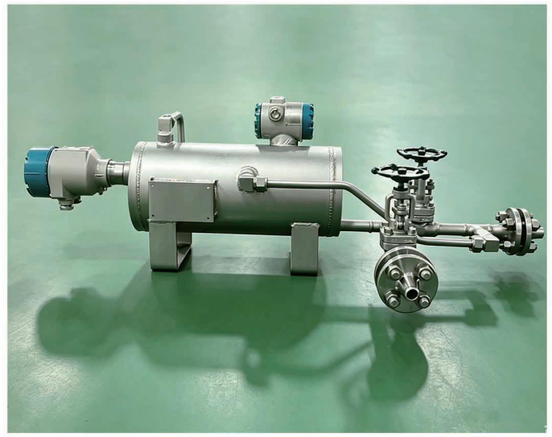
PLAN54



PLAN32



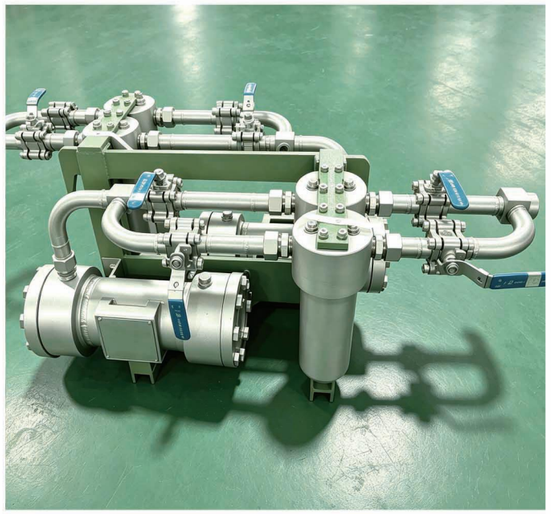
PLAN62



PLAN65



PLAN21/23



PLAN22



PLAN72+75



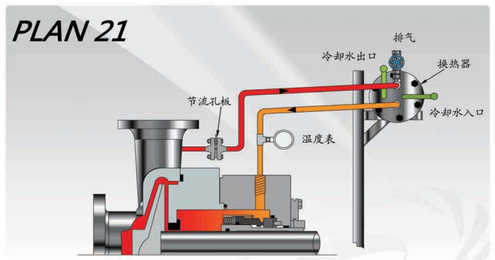
PLAN72+75



PLAN72+76

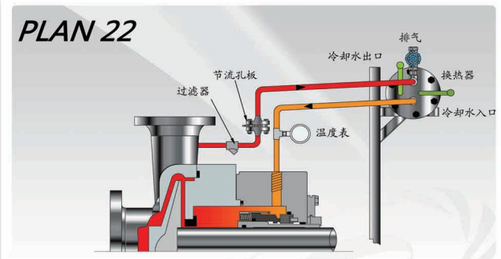
辅助方案 API 682 PLAN

PLAN 21



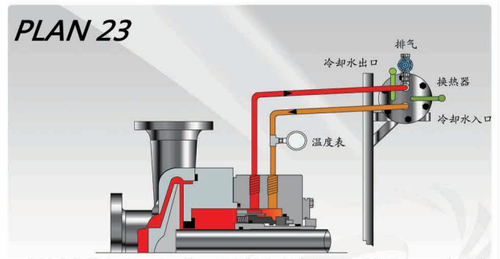
从泵的出口通过限流孔板和换热器，然后进入密封腔循环过程。

PLAN 22



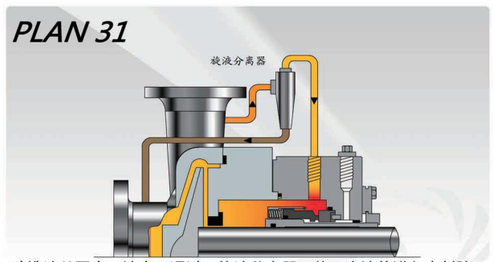
从泵的出口经过过滤器，限流孔板和冷却器然后进入密封腔循环过程。

PLAN 23



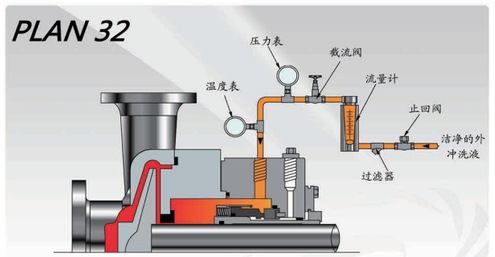
密封腔中的介质通过泵效环从密封腔中流出，经过换热器再返回到密封腔中，形成自封闭循环，形成封闭的冷却回路。

PLAN 31



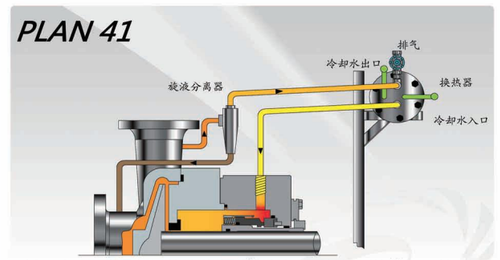
冲洗液从泵出口流出，通过一旋液分离器，使干净流体进入密封腔，带有颗粒的流体返回到泵入口处形成封闭循环。

PLAN 32



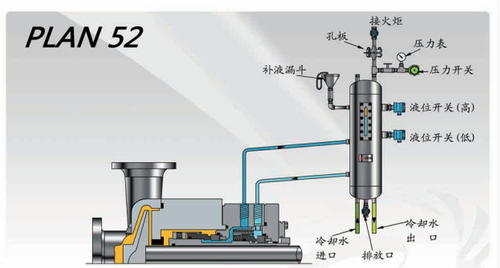
从外部将干净的适宜流体注入密封腔

PLAN 41



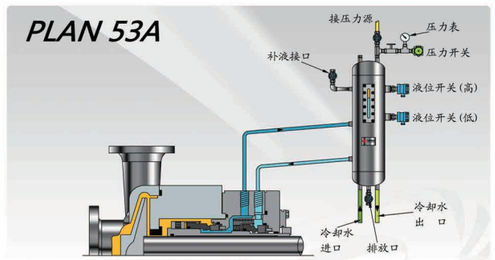
循环液从泵出口经过旋液分离器将洁净介质输送到换热器，然后进入密封腔，固体颗粒输送到泵吸入口。

PLAN 52



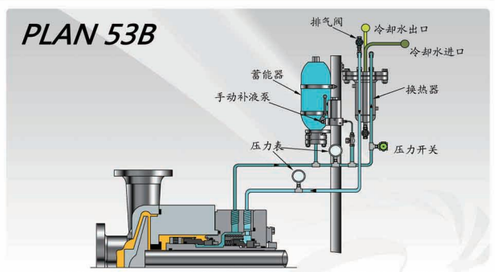
外部容器为无压双端面密封的外部密封提供缓冲液，循环液通过内部泵送环维持，容器通常连续向蒸汽回收系统排气并且维持压力低于密封腔压力。

PLAN 53A



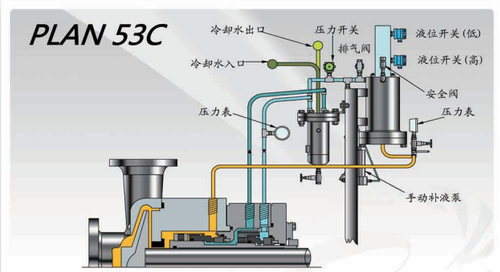
外设加压隔离液储罐提供洁净的液体给密封腔，循环由内部泵送环完成，隔离液储罐的压力高于被密封工艺液体的压力。

PLAN 53B



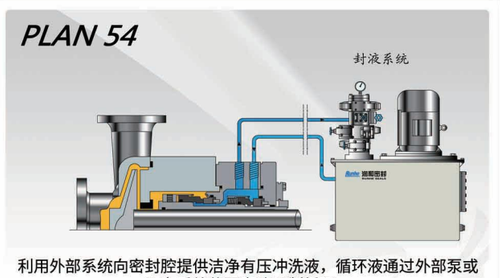
由外部加压系统为双端面密封的外侧密封提供隔离液。带压的气囊蓄能器提供压力给循环系统，流动由内部泵送环来维持，循环系统中的热量由换热器冷却。

PLAN 53C



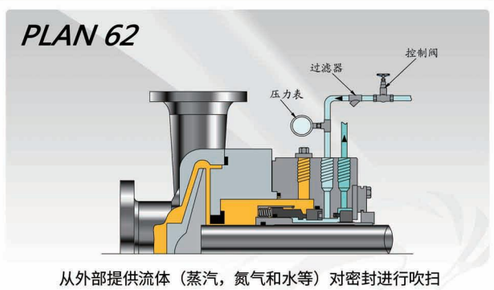
由外部加压系统为双端面密封的外侧密封提供隔离液。增压器提供压力给循环系统，流动由内部泵送环来维持，循环系统中的热量由换热器冷却。

PLAN 54



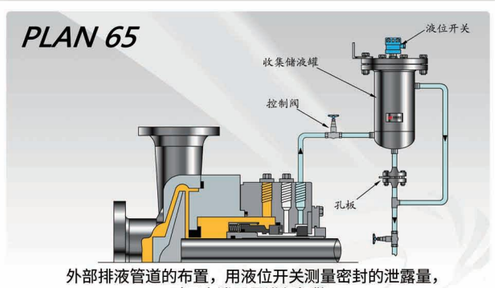
利用外部系统向密封腔提供洁净有压冲洗液，循环液通过外部泵或压力系统使隔离液强制循环。

PLAN 62



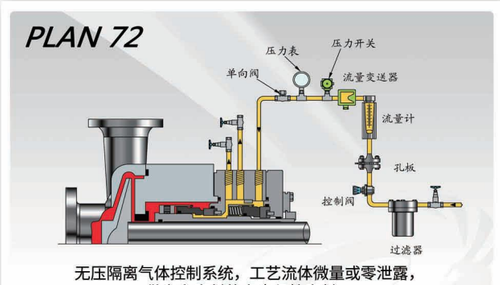
从外部提供流体（蒸汽，氮气和水等）对密封进行吹扫

PLAN 65



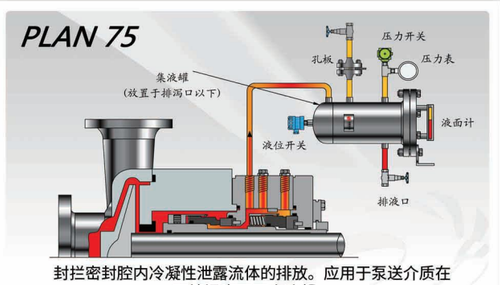
外部排液管道的布置，用液位开关测量密封的泄露量，对于高泄露量进行报警。

PLAN 72



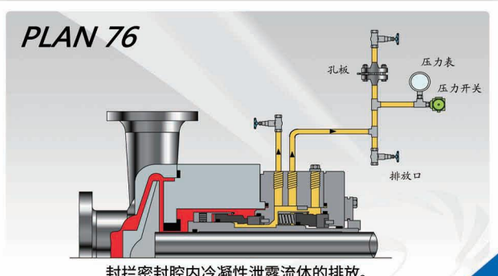
无压隔离气体控制系统，工艺流体微量或零泄露，做为主密封的安全保护密封。

PLAN 75



封拦密封腔内冷凝性泄露流体的排放。应用于泉送介质在环境温度下不会冷凝。

PLAN 76



封拦密封腔内冷凝性泄露流体的排放。应用于泉送介质在环境温度下不会冷凝。

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