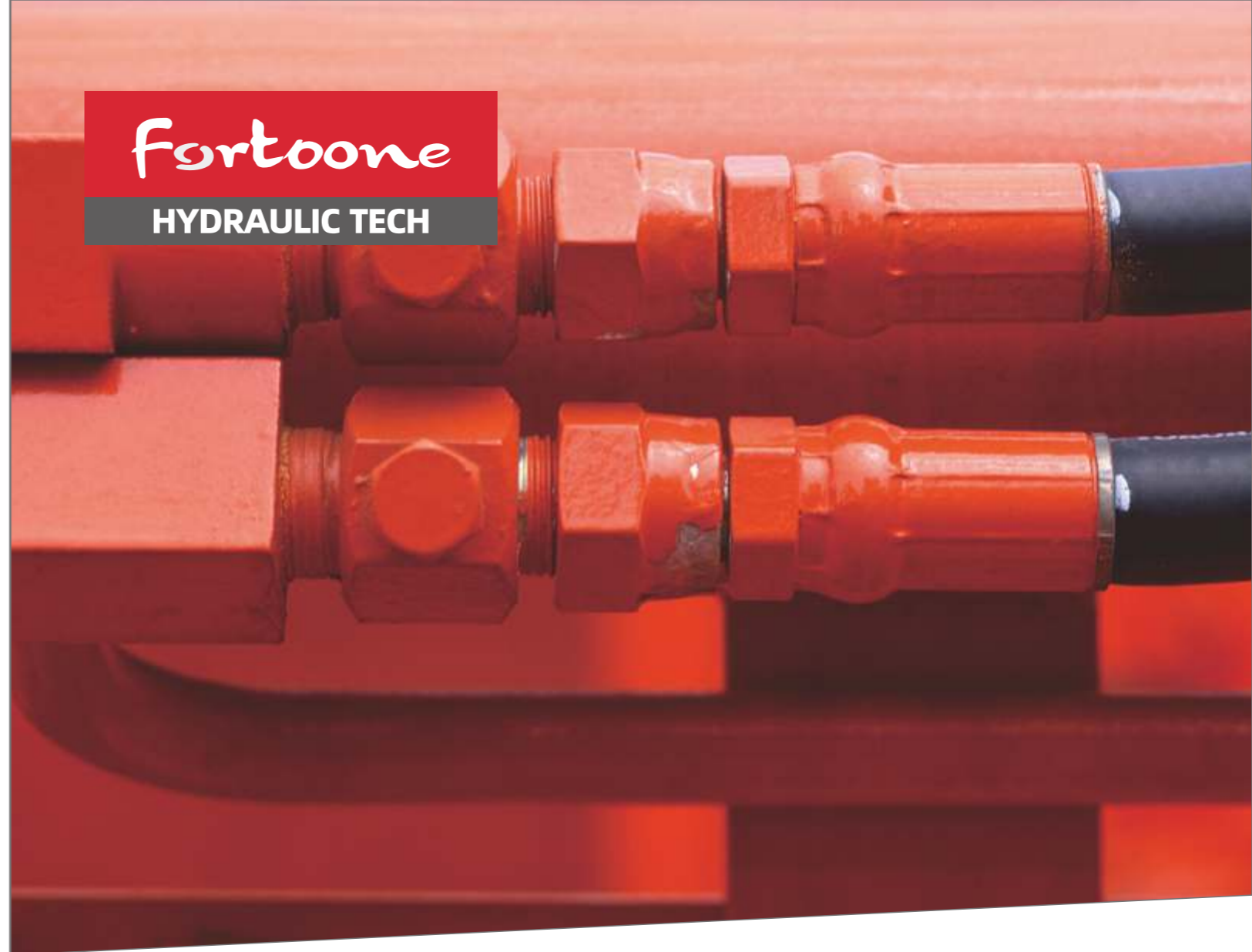




Forttoone

HYDRAULIC TECH



Forttoone
HYDRAULIC TECH

潍坊嘉腾液压技术有限公司
Weifang Forttoone Hydraulic Technology Co., Ltd.

山东省潍坊市安丘市新安街道60号
No.60 Xin'an street, Anqiu City, Weifang City, Shandong Province. 262100

Tel: +86-536-2143 000 Fax: 0536-2143 000
E-mail: hongtao@forttoone.cn

www.forttoone.cn

**LEADING SUPPLIER
OF HYDRAULIC
PRODUCTS**

嘉腾·领先的液压产品供应商
www.forttoone.cn



Committed to hydraulic technology and product solutions

致力于液压技术和产品的解决方案

www.fortune.cn

Contents

目录

关于嘉腾	About us	03
发展历程	Development History	05
组织架构	Organization Structure	07
核心竞争力	Competitive	09
检测中心	Testing Center	11
软管总成车间	Hose Assembly Workshop	13
钢管总成车间	Steel Tube Assembly Workshop	15
锻压车间	Forging Workshop	17
机加工车间	Machining Workshop	19
实验室及表面处理	Laboratory and Surface Treatment	21
产品展示	Product Display	23
市场服务	Market Service	25

Weifang Fortoone Hydraulic Technology Co., Ltd.

潍坊嘉腾液压技术有限公司

潍坊嘉腾液压技术有限公司，专业致力于液压管接头、软管总成、钢管总成产品的设计、制造和销售服务，依托卓越的科研实力和强力的执行效能为客户提供液压技术解决方案。

Weifang Fortoone Hydraulic Technology Co., Ltd. specializes in the design, manufacture, and sales of hydraulic pipe fittings, hose assemblies, and steel tube assembly products, providing customers with hydraulic technology solutions based on extraordinary scientific research strength and high execution efficiency.

公司占地78亩，一期建筑面积20000平方米，资产9000万元。具备年产管接头3000万件，软管总成200万条，硬管总成150万条生产能力。

The company occupies a land area of 78 mu, with the phase I construction area of 20,000 m², assets of 90 million yuan, the annual production capacity of 30 million pipe fittings, 2 million hose assemblies, and 1.5 million hard tube assemblies.

公司以“超越客户需求，提升客户价值”为核心价值，通过完善的零部件生产链打造满足低压、中压、高压、超高压液压系统的产品体系。并与诸多国内外机械制造商建立战略合作，现已成为国内实力最雄厚的液压器材综合供应商之一。

Upholding the core values of “Exceed customer needs and enhance customer value”, the company has built a product system that meets the requirements of low-, medium-, high-, and ultrahigh-pressure hydraulic systems through a complete component production chain. It has also established strategic partnerships with many domestic and foreign machinery manufacturers and become one of the most powerful hydraulic equipment integrated suppliers in China.



软管总成
Hose assembly



钢管总成
Steel tube assembly



锻压
Forging



机加工
Machining



表面处理
Surface treatment



Development History

发展历程

Since 1972

1972年，苏州联合液压厂成立，作为嘉腾液压技术的前身，为嘉腾建立了丰富的技术、产品、服务、供应链、组织管理等诸多方面的经验和基础。

In 1972, Suzhou United Hydraulics Factory was established. As the predecessor of Fortoone Hydraulic Technology, it provided a wealth of experience and laid a solid foundation for the establishment of Fortoone in technology, products, services, supply chain, organization management, and many other aspects.

2018

荣获柳工“最佳技术合作奖”。
Awarded the “Best Technical Cooperation Award” by LiuGong.

2017

荣获雷沃重工“质量贡献奖”“优秀供应商奖”。
Awarded the “Quality Contribution Award” and “Excellent Supplier Award” by LOVOL.

2016

荣获中汽“优秀供应商奖”。
Awarded the “Excellent Supplier Award” by Zhongqi Commercial Vehicle.

2015

荣获柳工“白金级供应商奖”。
Awarded the “Platinum Supplier Award” by LiuGong.

2010-2018

连续8年荣获柳工“先进供应商奖”。
Awarded the “Advanced Supplier Award” by LiuGong for 8 consecutive years.

2007

通过矿用产品安全标志的认证、通过ISO14001-2004环境管理体系认证、获得中国国际专利与名牌博览会金奖。
Passed the Mining Products Safety Mark Certification, ISO14001-2004 environmental management system certification, and won the Golden Award from China International Patent and Famous Brand Exposition.

2000

通过橡胶软管总成生产许可证的认证。
Passed the certification of the production license for rubber hose assemblies.

2017

潍坊嘉腾液压技术有限公司正式投产。
Weifang Fortoone Hydraulic Technology Co., Ltd. was formally put into production.

2015

香港恩达臣企业投资管理公司，注资成立潍坊嘉腾液压技术，潍坊工厂占地80亩，设计年生产能力为150万套（条）各类液压管总成。
Weifang Fortoone Hydraulic Technology was invested and established by Hong Kong Andachen Enterprise Investment Management Co., Ltd. Weifang Factory covers an area of 80 mu, with an annual production capacity of 1.5 million sets (units) of various hydraulic tube assemblies.

2010

嘉腾液压（苏州）二期建成并投入使用，极大地缓解了企业因为订单的快速增长而出现的产能不足状况。同时与众多知名的机械龙头形成紧密战略合作关系。
Fortoone Hydraulic (Suzhou) Phase II was completed and put into operation, which significantly alleviated the under-capacity situation due to the rapid growth of orders. Meanwhile, the company entered into close strategic partnerships with many well-known machinery leaders.

2008

嘉腾液压（苏州）一期建成并投入使用，至此公司形成了包括锻造、机加工、软管制造、钢管生产的完备的生产加工体系及零部件加工链。
Fortoone Hydraulic (Suzhou) Phase I was completed and put into operation. So far, the company has formed a complete production and processing system and component processing chain, including forging, machining, hose manufacturing, and steel tube production.

2005

产值达到5000万，通过股本改革及资本运营，香港海奇力公司注资成立苏州嘉腾液压技术，随即开始快速的成长期，形成涵盖液压管接头、软管总成、钢管总成的稳定产品结构。
The output value achieved 50 million. Through equity reform and capital operation, Suzhou Fortoone Hydraulic Technology was invested and established by Hong Kong Haiqili Holding, embarking on a rapid growth period and forming a stable product structure including hydraulic pipe fittings, hose assemblies, and steel tube assemblies.

1999

改制为联合液压附件制造有限公司，产品也由管接头延伸到钢管总成器件。
Restructured into United Hydraulic Accessory Manufacturing Co., Ltd. The product range is also extended from the pipe fittings to steel tube assemblies.

1972

成立的苏州联合液压机械厂（嘉腾液压的前身）。
Suzhou United Hydraulic Machinery Factory (predecessor of Fortoone Hydraulic) was established.

Organization Structure 组织架构

以谋求一流制造型企业为目标，嘉腾整合企业资源，通过资源重组，设立香港恩达臣投资管理有限公司，下辖技术中心、制造中心、管理中心，形成了研发独立，质检独立、产销独立的“三独立格局”。

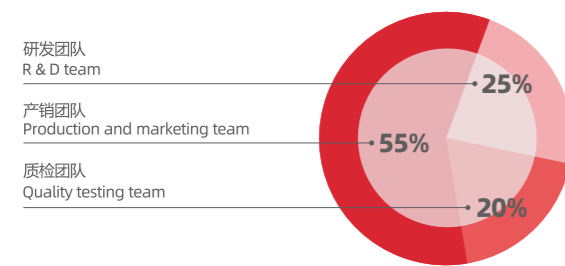
Striving to become a first-class manufacturing-oriented enterprise, Fortoone has integrated corporate resources and established Hong Kong Andachen Investment Management Co., Ltd. through resource reorganization. With a technology center, a manufacturing center, and a management center, we have formed a “Three-independent” pattern of independent research and development, independent quality testing, independent production and marketing.

Weifang Fortoone 潍坊嘉腾

潍坊嘉腾液压技术有限公司占地52800平方米，一期建设生产厂房面积近20000平方米，研发、办公面积3500平方米，拥有员工400多名。在规模、产能、研发能力等方面走在了行业前列。

Weifang Fortoone Hydraulic Technology Co., Ltd. covers a land area of 52,800 m². Phase I production plant covers an area of nearly 20,000 m². The R&D and office area are 3,500 m², with more than 400 employees, leading the industry in scale, capacity, and R&D capabilities.

技术结构 Technical structure



生产结构 Production structure



Fortoone

恩达臣投资管理
Andachen Investment Management

海奇力控股
Haqiti holding

苏州嘉腾
Suzhou Fortoone

潍坊嘉腾
Weifang Fortoone

管理中心
Management Center

制造中心
Manufacturing Center

技术中心
Technology Center

业务部门
Business

行政部门
Executive

研发部门
R & D

质检部门
Quality

采购部
Purchasing department

人事部
HR department

钢管制造部
Steel pipe manufacturing

软管制造部
Hose manufacturing

总工程师
Chief engineer

计量中心
Measurement center

销售部
Sales department

结算部
Settlement department

机加工
Machining

锻造
Forging

技术部
Technology department

过程控制
Center process control

物流部
Logistics department

行政部
Administration department

表面处理
Surface treatment

零部件制造部
Parts manufacturing

技术部
Technology department

出厂检测
Factory inspection

Core competitiveness 核心竞争力

Innovation 创新

不断追求技术创新，产品服务创新，管理意识创新，坚持可持续发展战略，凭借其具有竞争力的生产周期和价格，高效、高质的产品，为客户提供最具价值的液压系统解决方案。

With the continuous pursuit of technological innovation, product-service innovation, management awareness innovation, we adhere to the sustainable development strategy, striving to provide customers with the most valuable hydraulic system solutions with our competitive production cycle and price, efficient and high-quality products.

Competition 竞争

通过精细化管理，优化流程，控制产品制造成本及管理成本。建立企业“标准化、流程化、精细化”管理模式，充分地合理地调配公司资源，准确及时地关注原材料的价格走势，在第一时间作出有效反应，全面监督好材料的质量，保证成本控制工作做到最佳的状态。

Refined management is adopted to optimize processes and control product manufacturing costs and management costs. We have established a business management model of "Standardization, process, and refinement", allocate company resources fully and rationally, pay attention to the price trend of raw materials accurately and timely, respond effectively in the first place, supervise the quality of materials comprehensively, and ensure the optimal cost control.

Development 发展

在生产过程中注重对环境的保护，以实施绿色清洁生产为己任，以节能、降耗、减污为目标，以管理和技术为手段，实施工业生产全过程污染控制，配备先进的污水处理系统。

In the production process, we pay attention to the protection of the environment, assume the responsibility of implementing green and clean production, aim at energy conservation, consumption and pollution reduction, and implement pollution control in the whole process of the industrial output with management and technology as the means, equipped with advanced wastewater treatment system.



Business purpose

企业宗旨

超越客户要求 提升客户价值

Exceed customer needs, enhance customer value

Production concept

生产理念

创新求变 质量至上 追求卓越

Innovate to change, quality first, strive for excellence

Service concept

服务理念

技术为本 实事求是 诚信周到

Technology-oriented, seeking truth from facts, honest and considerate

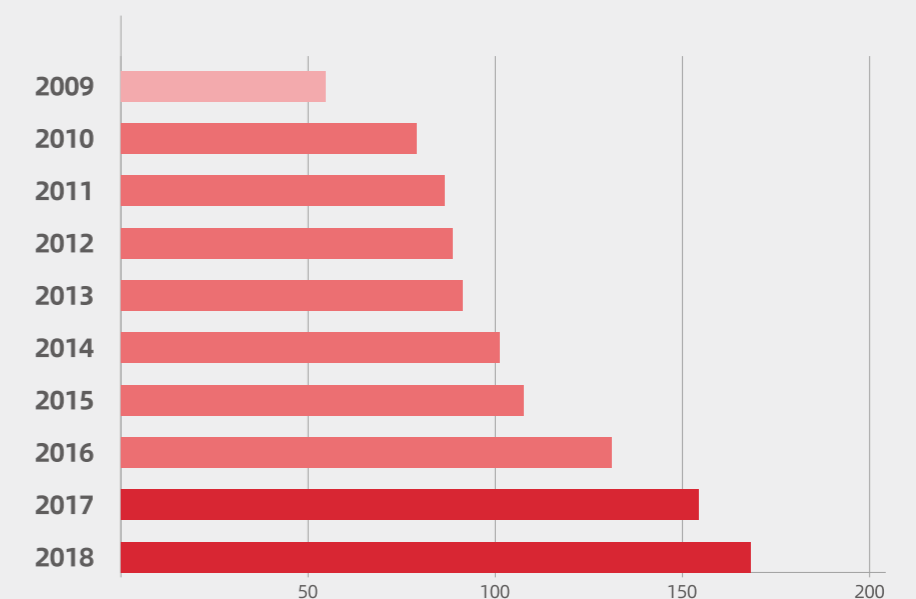
Talent concept

人才理念

德才兼备 求实进取 敬业勤勉

Equal stress on integrity and ability, pragmatism and enterprising, dedication and diligence

Annual output value table 历年产值



单位 (百万元) Unit (RMB million)

Testing Center 检测中心

卓越的品质是对客户信赖的最好回馈，嘉腾拥有国内领先的检测中心，从钢材、胶管等原料的检测到成品品质的综合测试，保证产品性能的稳定与可靠。

Excellent quality is the best payoff for customers' trust. Fortoone has a leading testing center in China that can perform comprehensive testing from the detection of raw materials such as steel and rubber tubes to the quality of finished products, to ensure the stability and reliability of product performance.



检测中心配置拉力机、投影仪、硬度计、金相分析仪等检测设备，以及脉冲试验台、硬管测试台、盐雾试验机、高阻计等性能测试设备。同时配备分析产品表面处理工艺的化验室和校正量具精度的计量室。

The testing center is equipped with testing equipment such as tensile tester, projector, hardness tester, and metallographic analyzer, as well as performance test equipment such as pulse test bench, hard tube test bench, salt spray tester, and high resistance meter, etc. At the same time, it is equipped with a lab for analyzing the product surface treatment process and a measurement lab for calibrating the accuracy of measuring tools.



Hose Assembly Workshop 软管总成车间

先进的扣压设备，专业的工艺控制，雄厚的技术力量，保证产品的稳定性和可靠性。拥有德国扣压机（HM325II）两台、芬兰扣压机（FP120C）两台以及软管总成清洗等设备，月产能达10万条。

The advanced crimping equipment, professional process control, and strong technical capability ensure product stability and reliability. It has two German crimping machines (HM325II), two Finnish crimping machines (FP120C), and hose assembly cleaning equipment, with a monthly capacity of 100,000 units.



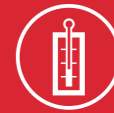
耐油
Oil resistance



耐压
Pressure resistance



抗老化
Anti-aging



耐高温
High-temperature resistance



Steel Tube Assembly Workshop 钢管总成车间

可进行多曲率、多直径、混合折弯加工，产品弯曲精度高，焊接可靠性强。拥有CNC数控弯管机，日本松下全自动焊机，德国钨极氩弧焊专机以及钢管清洗等设备，产能完全满足客户需求。

Multi-curvature, multi-diameter processing, and hybrid bending can be performed. The products have high bending precision and strong welding reliability. With CNC pipe bender, Panasonic automatic welding machine (Japan), German TIG welding machine, and steel tube cleaning equipment, the production capacity fully meets customer needs.



不变形
No deformation



无泄漏
No leakage



耐腐蚀
Corrosion resistance



耐压
Pressure resistance



Forging Workshop 锻压车间

通过对原材料成本及零部件产品稳定性的管控，提升产品的市场竞争力。现拥有630T液压压力机一台、300T摩擦压力机两台、250T单点闭式压力机一台、160T单点闭式压力机六台、120T开式压力机四台及其他专业辅助设备。月产能达100万件。

The market competitiveness of products is improved through the control of raw material costs and the stability of parts and components. Currently, it has one 630T hydraulic press, two 300T friction presses, one 250T single-point closed press, six 160T straight side single-point presses, four 120T open front presses, and other professional auxiliary equipment, with a monthly production capacity up to 1 million pieces.



强度高
High strength



韧性强
Strong toughness



可靠性
High reliability



塑形强
Strong molding capacity



Machining Workshop

机加工车间

数控机床能保证产品的加工精度，控制产能的稳定状态，可生产各类形状复杂的产品。拥有日本、台湾和国产数控机床共240台，月产能达150万件。

CNC machine tools can ensure the machining precision of products, control the stable state of production capacity, and produce various products with complex shapes. It has a total of 240 CNC machine tools from Japan, Taiwan, and China, with a monthly capacity of 1.5 million pieces.



精度高
High precision



刚性大
High rigidity



数字化
Digitization



多坐标
Multi-coordinates



Laboratory and Surface Treatment 实验室及表面处理

嘉腾拥有三条先进的洗磷化、镀锌、喷涂流水生产线，同时配置专业的实验人员和设备，不仅在液压产品生产加工的完整性和能力上迈出了重要的一步，同时为嘉腾产品的表面处理提供了更高质量能力的支撑。

Fortoone has three advanced production lines for phosphating, galvanizing, and spraying, equipped with professional laboratory personnel and equipment. It not only takes an essential step in the integrity and capability of hydraulic product production and processing but also provides support for higher quality capabilities in the surface treatment of Fortoone products.



涂层牢固
Firm coating



抗氧化
Anti-oxidation



抗腐蚀
Anti-corrosion



耐磨
Wear resistance



Product Display

产品展示

多年的生产经验，先进的制造设备和创新求实的专业技术的完美结合让每款嘉腾的产品都经得住最严格的检验，完善的制造程序和产品检测系统打造出卓越的嘉腾品牌。

可根据SAE、DIN、JIS、ISO、GB、JB、BS等标准生产，也可按照大型EMZJ的设计需求定制各类非标准件，产品满足低压、中压、高压、超高压使用环境，具有通用性强、性价比高、安装方便等特点。

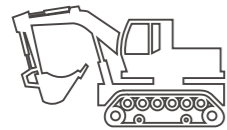
With years of production experience, the perfect combination of advanced manufacturing equipment, innovative and pragmatic expertise ensures that each and every one of Fortoone products can stand the most rigorous test. The complete manufacturing procedures and product inspection systems have created a superb Fortoone brand.

The products can be manufactured according to SAE, DIN, JIS, ISO, GB, JB, BS, and other standards, or customized based on the design requirements of large EMZJ. The products can meet the requirements of low-, medium-, high-, and ultrahigh-pressure environments, with strong universality, high cost performance, easy installation and other features.

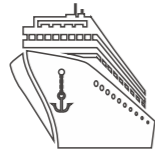
Application Fields 应用领域

公司产品应用于叉车、挖机、压路机、船舶等重型设备，服务领域涵盖工程机械、矿用装备、军事航天、民用车辆、船舶工业等行业。

The company's products are used in heavy equipment such as forklifts, excavators, road rollers, ships, etc. The service areas cover engineering machinery, mining equipment, military aerospace, civil vehicles, shipbuilding, and other industries.



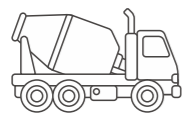
工程机械
Construction Machinery



船舶工业
Shipbuilding Industry



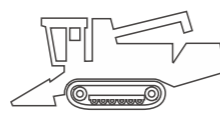
航天航空
Aerospace



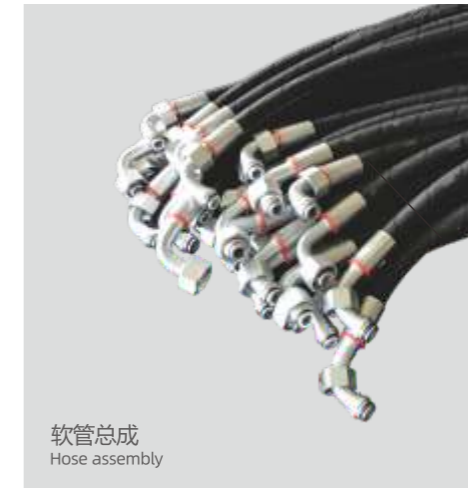
工程车辆
Construction vehicle



民用车辆
Civilian vehicle



矿用装备
Mining equipment



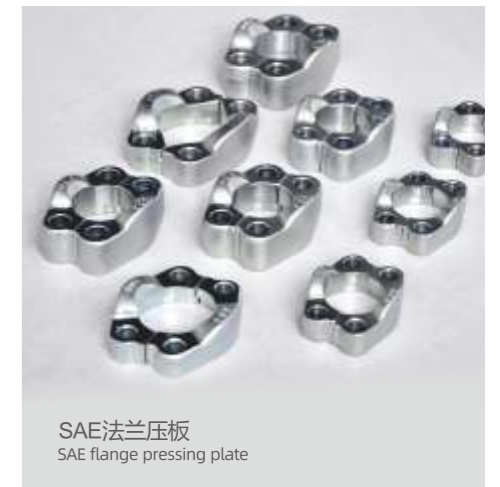
软管总成
Hose assembly



钢管总成
Steel tube assembly



过渡接头
Transition joint



SAE法兰压板
SAE flange pressing plate



特殊叉车系列
Special forklift series



超高压软管接头
Ultrahigh-pressure hose connector

Market Service 市场服务

嘉腾坚持售前、售中、售后全方位一站式服务理念，始终强化自身服务意识，保持与客户的交流沟通，努力与客户及合作伙伴建立持久共赢的互利局面。依托快速市场响应能力，完善的市场服务体系，在全国7个主要城市设有分公司或办事处，产品出口欧美以及日本、新加坡等东南亚国家。

Fortoone adheres to the one-stop service concept before, during, and after sales, always strengthens our service awareness, keeps good communication with customers, and strives to establish a mutually beneficial win-win situation with customers and partners. Based on rapid market response capability and perfect market service system, we have established branches/offices in 7 major cities across the country. Our products are exported to Europe, America, Japan, Singapore, and other Southeast Asian countries.



Career Partner 事业伙伴

与国内外知名的大型机械制造集团开展广泛的战略合作，提供液压元件的定制和研制等服务。合作客户包括柳工集团、三一重工、雷沃阿波斯农业装备、雷沃重工、山东重工山推股份、国机集团洛阳一拖、常林股份等、上汽集团上海彭浦、中国船舶，华舟应急装备，江山重工戴纳派克，永恒力，斗山机械等。

We have entered into extensive strategic partnerships with well-known large-scale machinery manufacturing groups at home and abroad to provide customization, development of hydraulic components, and other services. Cooperation customers include LiuGong Group, SANY Heavy Industry, LOVOL ARBOS Agricultural Equipment, LOVOL, Shandong Heavy Industry Shantui, SINOMACH Luoyang YTO, Changlin, SAIC Motor Shanghai Pengpu, CSSC, Huazhou Heavy Emergency Equipment, CNGC Jiangshan Heavy Industries Dynapac, Jungheinrich, Doosan, etc.

