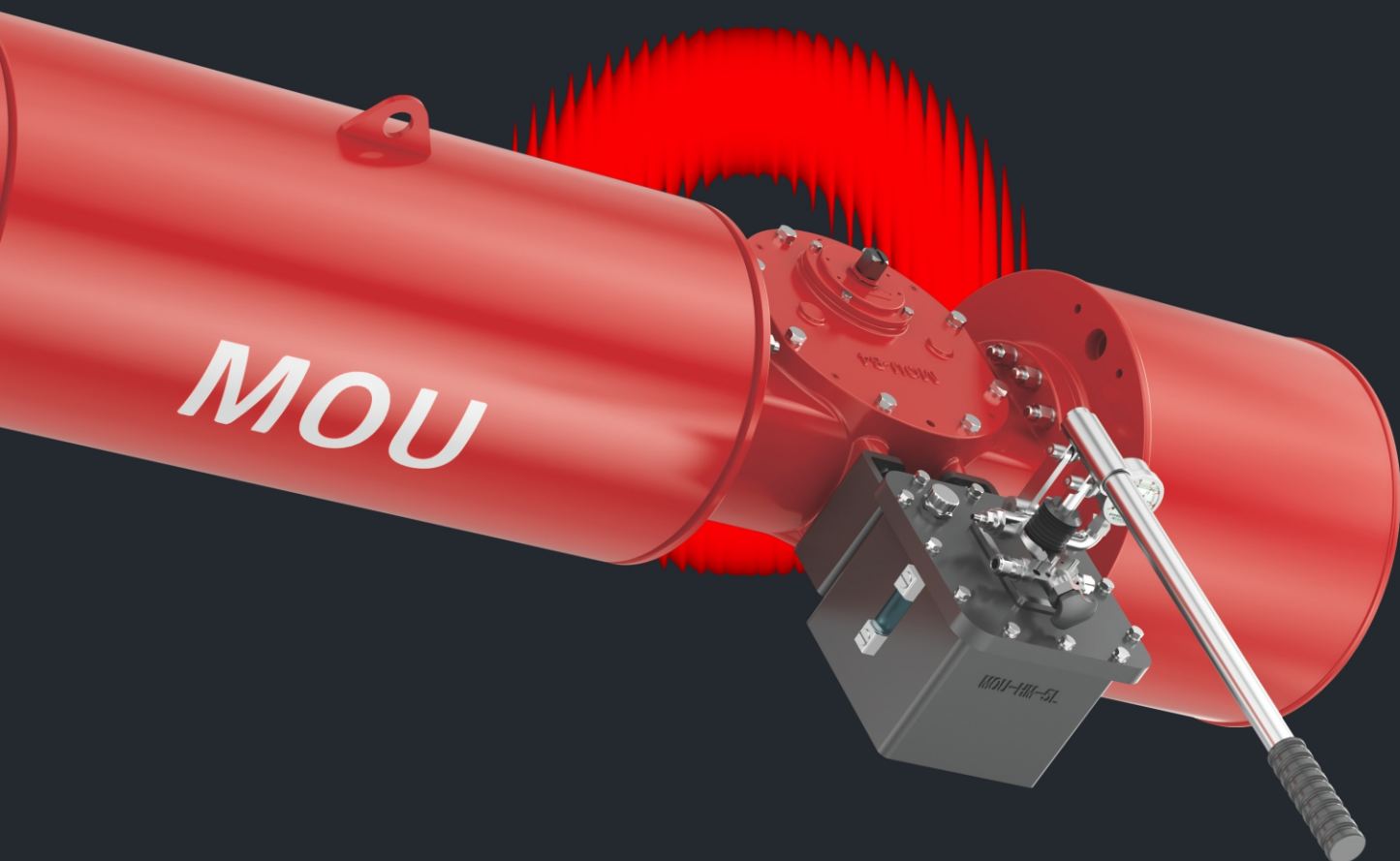


MOU

Silent as Thunder
Ultimate Stability Guard

一默如雷 极护安稳

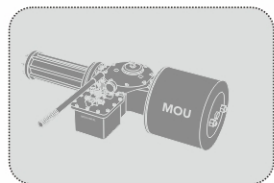


浙江默护工业自动化有限公司
ZHEJIANG MOU INDUSTRIAL AUTOMATION CO.,LTD.

默护工业(杭州)有限公司
MOU INDUSTRIAL (HANGZHOU) CO., LTD.

FOCUS ON
HARSH
WORKING
CONDITIONS
SAFEGUARD
EVERY
SPECIAL VALVE

聚焦严苛工况应用
守护每一台特阀



MISSION 使命

聚焦气动执行机构严苛工况应用
守护每一台特阀
打破世界气动执行机构技术壁垒
使工业过程控制更安全更稳定
开关频次突破350万次

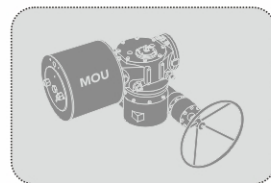
Focus on the application of pneumatic
actuators under severe working conditions

Safeguard every special valve

Break through global technical barriers in
pneumatic actuators

Make industrial process control safer and
more stable

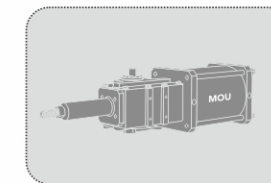
Switching cycles exceed 3.5 million times



VALUES 愿景

成为世界级气动执行机构生产企业
成为客户感动的企业
让客户从公司技术上受益
为奋斗者提供发展平台
为股东创造可持续发展的回报

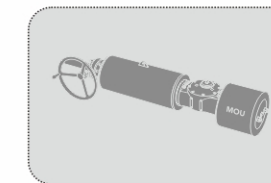
To become a world-class manufacturer of pneumatic actuators
To be an enterprise that impresses customers deeply
To deliver tangible benefits to customers through our proprietary technologies
To provide a career development platform for all dedicated contributors
To generate sustainable growing returns for shareholders



CULTURAL 价值观

客户至上
技术创新
员工幸福

Customer First
Technology Innovation
Employee Well-being



PROPOSITION 文化主张

技术引领
解决痛点
专业高效

Technology-driven
Pain-point Oriented
Professional & Efficient

CULTURE

ABOUT US

默护工业(品牌简称:MOU)是一家集阀门气动执行机构研发、设计、生产、销售于一体的高新技术企业,深耕阀控领域,拥有完整的产业布局与全链条运营能力。

公司积淀了深厚的研发底蕴与核心技术实力,融合全球先进制造工艺,联合各大设计院、科研院所协同开展技术攻关;结合一线用户积累的多年工况反馈,自主实现气动执行机构及成套阀控设备的全流程研发制造,具备稳定的规模化批量交付能力。

公司全系列产品性能对标国际一流标准,综合表现全面超越同类进口产品。秉持精工制造与专业服务的初心,公司依托定制化研发能力,为各类严苛工况量身打造专属阀门控制解决方案,全方位匹配客户的差异化应用需求。默护工业(MOU)以极致安全铸就坚固护盾,守护每一台特阀。

MOU Industry (Brand Abbreviation: MOU) is a high-tech enterprise integrating the R&D, design, production and sales of valve pneumatic actuators. Rooted deeply in the valve control sector, it boasts a complete industrial layout and full-chain operational capabilities.

The company has accumulated profound R&D expertise and core technological strengths. It integrates world-leading manufacturing techniques and collaborates with major design institutes and research academies to jointly tackle technical challenges. Drawing on years of on-site working condition feedback from frontline clients, we independently accomplish full-process R&D and manufacturing of pneumatic actuators and complete valve control equipment, with reliable large-scale mass delivery capacity.

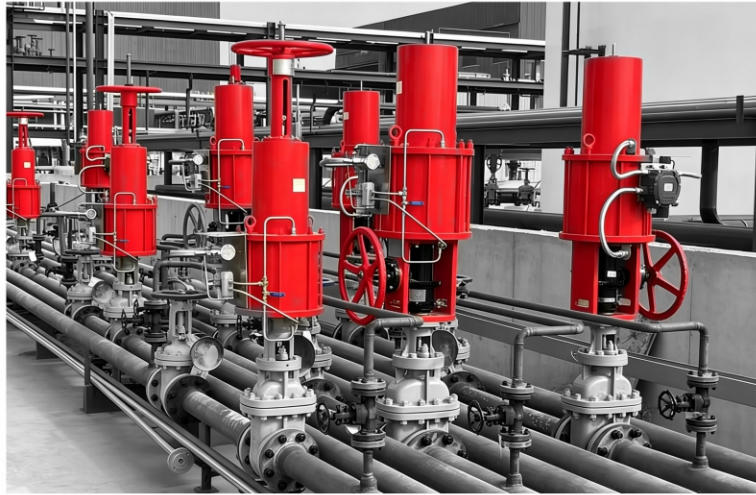
The performance of our full product range benchmarks top international standards, and their overall performance surpasses comparable imported products across the board. Upholding our original aspiration of precision manufacturing and professional services, supported by customized R&D capabilities, we tailor exclusive valve control solutions for all types of harsh working conditions to fully meet clients' differentiated application demands. Committed to ultimate safety, MOU Industry (MOU) builds a robust protective barrier to safeguard every special valve.

关于我们 **MOU® 默护**



PROJECT SITES

工程现场 MOU® 默护



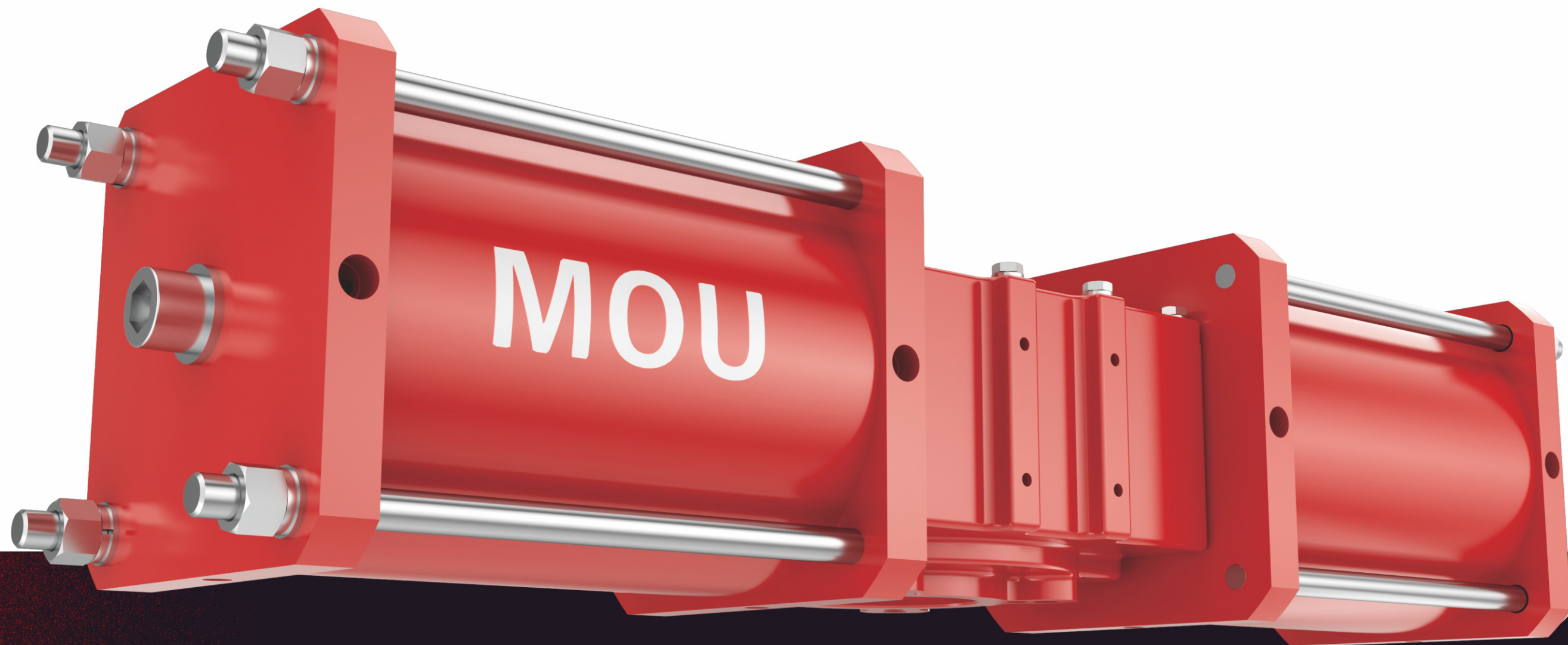
凭借二十八年经验积累, 以及强大的研发实力与超精密加工能力, 默护工业的产品赢得了中石油、中石化、中海油等众多客户的认可, 并在相关项目中成功实现了对进口同类产品的无缝替代。

With 28 years of accumulated experience, robust R&D capabilities and ultra-precision machining expertise, products from MOU Industrial have gained recognition from numerous clients including PetroChina, Sinopec and CNOOC, and achieved seamless substitution of comparable imported products in relevant projects.



TRACK PNEUMATIC ACTUATOR

| 轨道式气动执行机构 **MOU® 默护**



ULTIMATE PRECISION UNCHANGING RECIPROCITY

极致精度，往复如一

定位精度可达 $\pm 0.1\% \sim \pm 1\%$
超低重复定位偏差，保障阀门动作全程高度一致
气动执行机构行业顶尖控制精度
配套智能阀门定位器，精准性能全面进阶

FAST RESPONSE ULTRA-HIGH FREQUENCY (EXCEEDING 3.5 MILLION CYCLES)

快速响应 超高频次（突破350万次）

气动：毫秒级（50ms 内）
适合紧急切断（ESD）

HIGHLY RELIABLE OPERATION ULTRA-LONG SERVICE LIFE

高可靠运行，超长使用寿命

整机结构坚固牢靠，防护等级可达IP67/IP68
从容适配高温、低温、粉尘、高湿、海洋等各类恶劣工况
可安全应用于石油、煤化工、核工业等易燃易爆危险场景

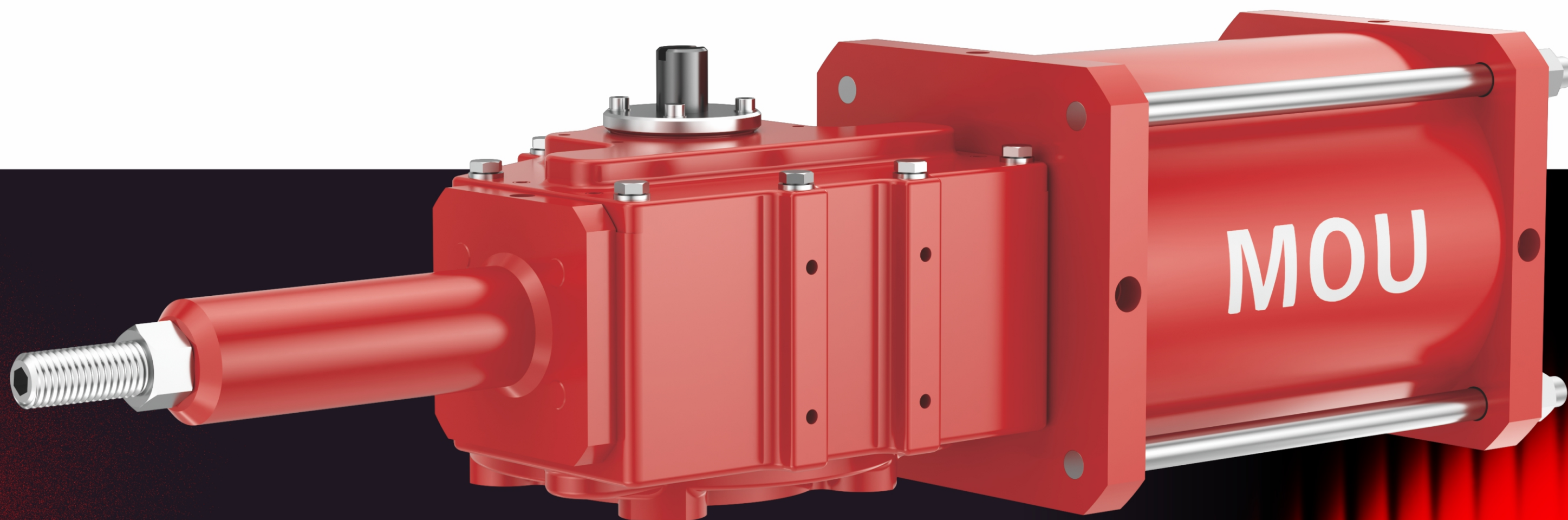
ULTRA-HIGH FREQUENCY

超高频次

优化型结构
极致特殊处理
力矩输出稳定
可实现快开开关
频次突破350万次

TRACK PNEUMATIC ACTUATOR

| 轨道式气动执行机构 **MOU® 默护**



技术数据

温度范围: -60°C~150°C

执行机构最大扭矩输出: 450000N.m

单作用弹簧力: 250000N.m

认证证书: SIL3, CE, ATEX

密封形式: 活塞采用冗余密封形式, 运行更安全。

技术数据

工作压力范围: 0.3-1.0MPa

执行机构最大扭矩输出

单作用: 250000N.m

双作用: 600000N.m

工作环境温度

常温型: -29°C ~ 80°C

低温型: -40°C ~ 60°C

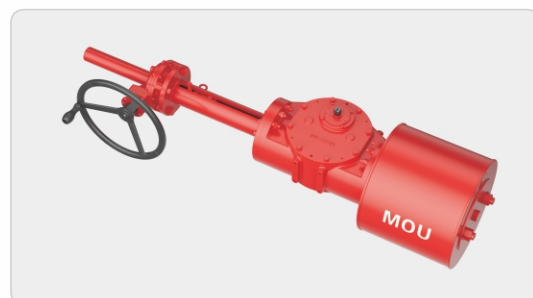
高温型: -20°C ~ 150°C

超低温型: -60°C ~ 60°C

认证证书: SIL3, CE, ATEX

密封形式: 活塞采用冗余密封形式, 运行更安全。

SCOTCH YOKE



PNEUMATIC ACTUATOR



LINEAR PNEUMATIC ACTUATOR

直行程气动执行机构 **MOU® 默护**

技术数据

工作温度范围: -60°C~+150°C

执行机构最大推力

开启状态推力: 2471915N

关闭状态推力: 1236375N

工作环境温度

常温型: -29°C ~ 80°C

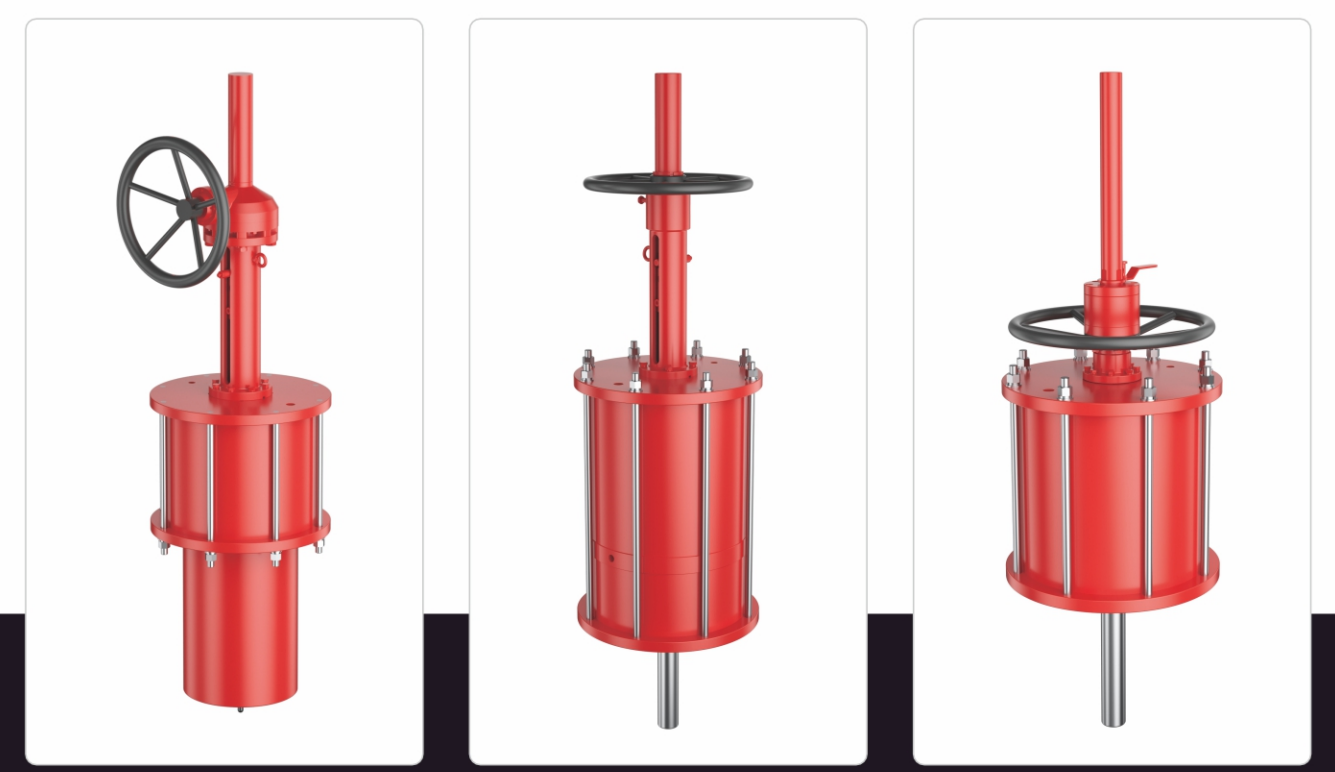
低温型: -40°C ~ 60°C

高温型: -20°C ~ 150°C

超低温型: -60°C ~ 60°C

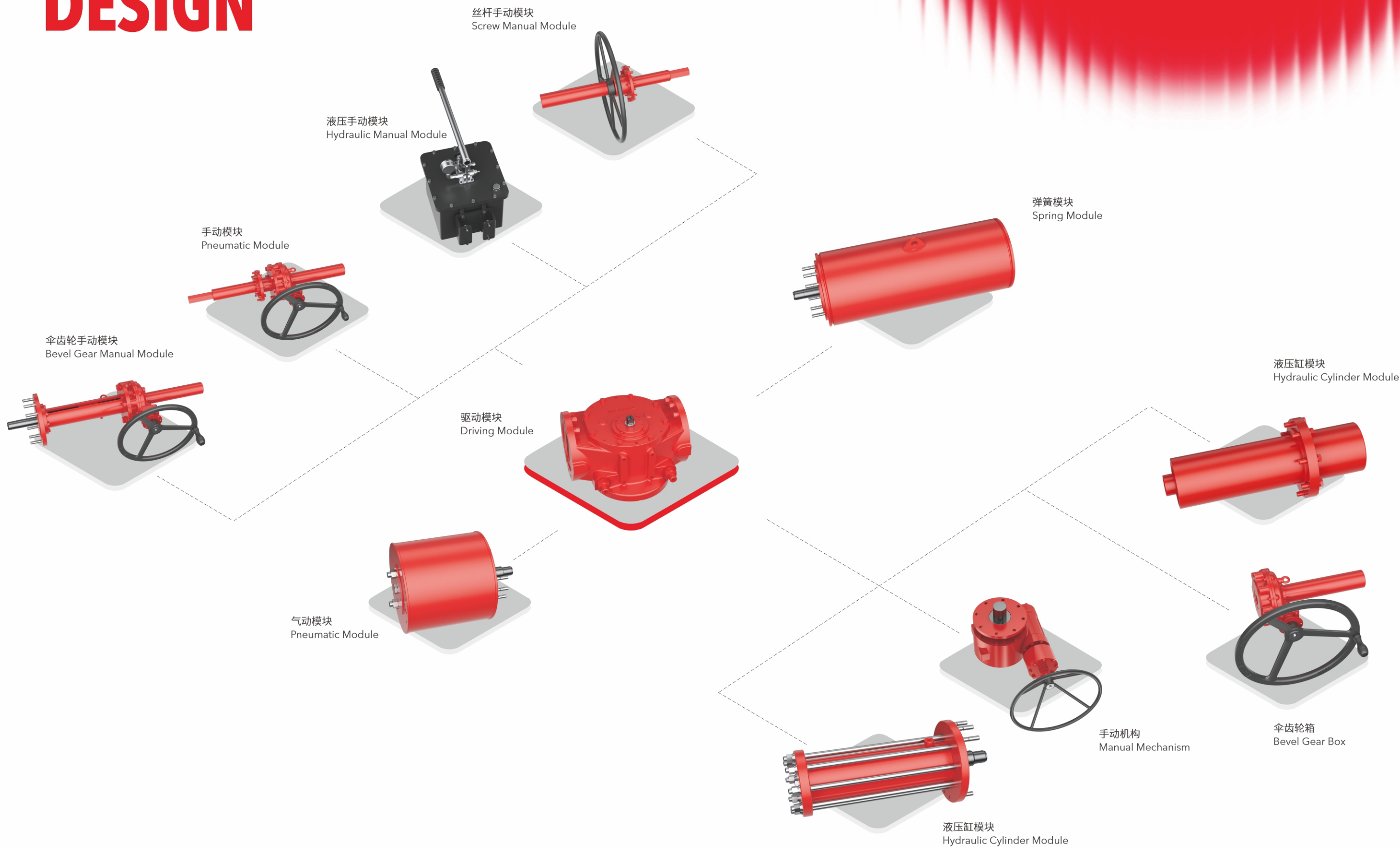
认证证书: SIL3, CE, ATEX

密封形式: 活塞采用冗余密封形式, 运行更安全。



MODULAR DESIGN

模块化设计 MOU® 默护



EXQUISITE CRAFTSMANSHIP

| 匠心制造 **MOU® 默护**



量身定制阀控方案 专解严苛工况痛点

CUSTOMIZED VALVE CONTROL SOLUTIONS
TAILORED TO RESOLVE PAIN POINTS OF SEVERE WORKING CONDITIONS



PERFORMANCE TEST

| 性能测试 **MOU® 默护**

精准扭矩管控 全周期寿命保障

全周期扭矩寿命测试, 覆盖负载至循环全工况。
严苛检测标准+专业测试系统, 验证产品性能极限。

Precise Torque Control Full-Cycle Service Life Assurance

Full-cycle torque life test covering all load and cycle working conditions
Adopting stringent testing standards and professional test systems to verify the ultimate performance of products

以数据鉴寿命 以耐久筑可靠

精密数据背书, 保障执行机构高寿命、高可靠运行。
耐久品质加持, 助力现场设备长效安全运转。

Evaluate Service Life via Data Build Reliability with Durability

Backed by precise data, our actuators deliver long service life and reliable performance.
Enduring quality empowers long-term safe operation of on-site equipment.

45万N.m

MOU

SERVICE SYSTEM

| 服务体系 **MOU® 默护**

匠心智造产品与全链路服务体系 搭建全球化服务响应网络 全周期赋能客户运营价值增长

Ingenuity Crafted Products & End-to-End Service System

Global Responsive Service Network

Lifecycle Empowerment for Clients' Operational Value Growth

售前服务

我们充分了解您的使用工况, 为阀门的优化设计与选型提供精准、实用的参考依据。

售中服务

结合全面的商务与技术评估, 定制专属可行方案, 充分契合您的需求, 实现价值最大化。

售后服务

产品交付后, 我们持续跟进沟通, 追踪设备运行状态, 并为现场工作人员提供技术支持, 保障设备安全、高效运转。

Pre-sales Service

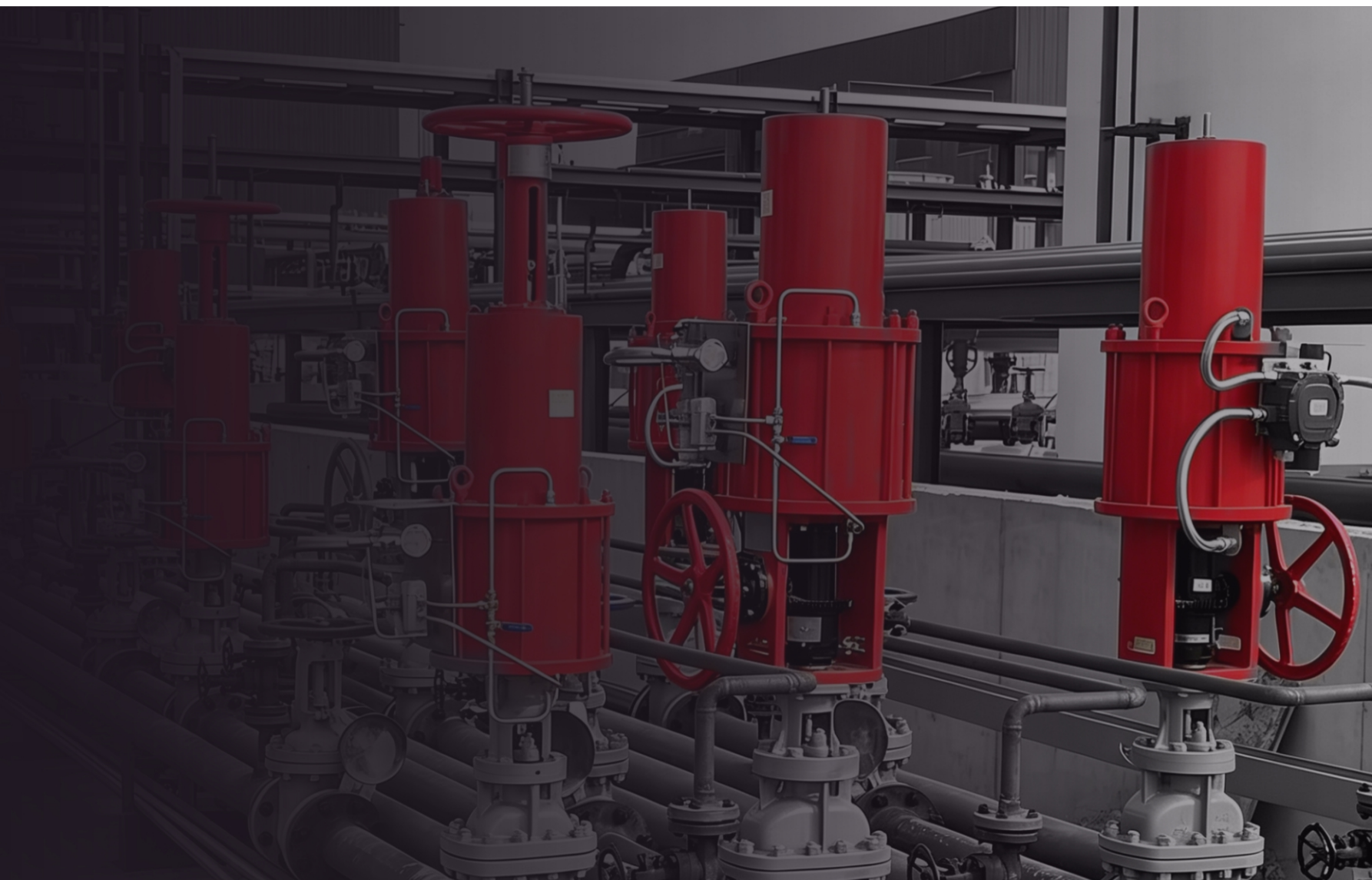
We thoroughly understand your working conditions, providing accurate and valuable information for optimal valve design and selection.

In-sales Service

Based on comprehensive business and technical evaluations, we deliver a final feasible solution tailored to meet your needs and maximize value.

After-sales Service

After product delivery, we maintain regular communication to monitor performance and offer technical support to on-site personnel, ensuring safe and efficient operation.



MOU[®] 默护

致力成为世界级 气动执行机构智造企业

STRIVING TO BECOME A WORLD-CLASS INTELLIGENT
MANUFACTURER OF PNEUMATIC ACTUATORS

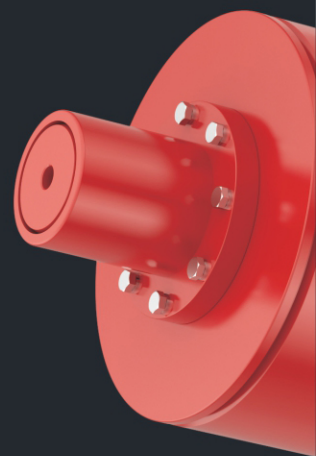
我们致力于成为值得客户深度信赖的企业，以核心技术为客户创造切实价值；
为每一位奋斗者提供广阔的成长发展平台，为股东创造长期可持续的增长回报。



TUVNORD



CE SIL



浙江默护工业自动化有限公司

ZHEJIANG MOU INDUSTRIAL AUTOMATION CO.,LTD.

地址: 浙江省诸暨市大唐街道府洲路113号3幢

ADD: Building 3, No.113, Fuzhou Road, Datang
Sub-district, Zhuji, Zhejiang

默护工业(杭州)有限公司

MOU INDUSTRIAL (HANGZHOU) CO., LTD.

地址: 浙江省杭州市钱塘区前进工业区长福杭路与前进大道交叉口

ADD: Intersection of Changfu-Hang Road and Qianjin Avenue, Qianjin
Industrial Zone, Qiantang District, Hangzhou City, Zhejiang Province

电话/Tel: 180 6786 6766 180 6953 9099

邮箱/E-mail: ZGMOUGY@163.COM

网址/Web: zg mou.com