

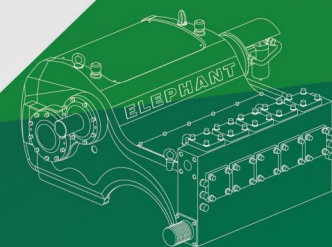


Company Profile

企业简介

往复泵解决方案专家

Experts in Reciprocating Pump Solutions



ABOUT

关于我们

集往复泵研发、制造、销售和服务为一体的综合性企业

A comprehensive enterprise integrating the R&D, manufacturing, sales, and service of reciprocating pumps



江苏大象机械有限公司（以下简称大象机械）成立于2008年，占地20000平方米，是往复泵的研发、制造、销售和服务为一体的综合性企业。公司拥有多项发明专利，并已获得API Q1质量管理体系、ISO 9001质量管理体系、ISO 14001环境管理体系、ISO 45001职业健康安全管理体系认证、企业知识产权管理体系、企业信用服务认证、售后服务认证、绿色工厂、五星级绿色供应链等级、AAA级企业信用评价，产品获得欧盟CE、中国船级社CCS、挪威船级社DNV等认证，被评为国家高新技术企业、江苏省专精特新企业、江苏省先进级智能工厂。

大象机械专业生产往复式柱塞泵、活塞泵、隔膜泵系列产品，设计制造符合GB/T9234-2018、GB/T7782-2020国家标准及API674、API675、ISO13710:2004国际标准，可覆盖多领域流量、压力工况需求。产品适用于油田注水增压、化工介质输送、制药精确计量、非开挖定向钻进、矿山地热钻探、煤矿压裂注浆、环保污水处理、锅炉给水、高压水射流及食品饮料等行业，性能稳定可靠。

Jiangsu Elephant Machinery Co., Ltd. (hereinafter referred to as Elephant Machinery), founded in 2008 and covering an area of 20,000 square meters, is a comprehensive enterprise integrating the R&D, manufacturing, sales, and service of reciprocating pumps across all application fields. The company holds multiple invention patents and has obtained certifications including API Q1 Quality Management System, ISO 9001 Quality Management System, ISO 14001 Environmental Management System, ISO 45001 Occupational Health and Safety Management System, Enterprise Intellectual Property Management System, Enterprise Integrity Management System, After-Sales Service Evaluation System, Green Factory, Five-Star Green Supply Chain Rating, AAA Corporate Credit Evaluation. The products are certified by CE, CCS and DNV. It has been recognized as a National High-Tech Enterprise, Jiangsu Provincial "Specialized and Sophisticated" Enterprise, and Jiangsu Provincial Advanced-Level Intelligent Factory.

Elephant Machinery specializes in the production of reciprocating plunger pumps, piston pumps, and diaphragm pumps, with designs and manufacturing processes conforming to Chinese national standards GB/T9234-2018 and GB/T7782-2020, as well as international standards API 674, API 675, and ISO 13710:2004, covering flow and pressure requirements across a wide range of applications. Our products are suitable for industries including oilfield water injection and pressurization, chemical media transfer, pharmaceutical precise metering, trenchless directional drilling, mining and geothermal drilling, coal mine fracturing and grouting, environmental wastewater treatment, boiler feed, high pressure water jetting, and food and beverage processing, delivering stable and reliable performance.

大象无形 大诚无声

The Greatest Form Is Formless
The Greatest Sincerity Is Soundless

大象机械产品主要有柱塞泵、活塞泵、隔膜泵三大系列，其动力配置有液压马达、电机和柴油机驱动。均采用新技术、新材料、新工艺，结合先进的加工、检测设备，产品具有结构紧凑、质量轻、体积小、外形美观、性能稳定、易损件寿命长、安装维修方便等特点。

大象机械坚持“产品为王”的理念，致力于为客户提供便捷、可靠、高效、智能的往复泵产品及成套解决方案，并得到了国内外众多知名企业的高度认可。

Elephant Machinery's products mainly consist of three series: plunger pumps, piston pumps, and diaphragm pumps, with power configurations including hydraulic motors, electric motors, and diesel engines. By adopting new technologies, new materials, and new processes, combined with advanced machining and testing equipment, our products feature compact structure, light weight, small footprint, appealing appearance, stable performance, long service life of wearing parts, and easy installation and maintenance.

Adhering to the philosophy of "Product Supremacy," Elephant Machinery is committed to providing customers with convenient, reliable, efficient, and intelligent reciprocating pump products and complete solutions, earning high recognition from numerous well-known enterprises both domestically and internationally.

1

便捷 Convenient

- 轻量化设计
· Lightweight design
- 智能化操作
· Intelligent operation
- 易维护
· Easy maintenance

2

可靠 Reliable

- 严选材料
· Carefully Selected Materials
- 精工智造
· Precision Manufacturing
- 匠心组装
· Expert Assembly
- 层层质检
· Rigorous Quality Control at Every Stage

3

高效 Efficient

- 效率可达90%-95%
· Efficiency of up to 90%-95%
- 降本节能
· Cost reduction and energy savings

4

智能 Intelligent

- 无人值守
· Unattended operation
- 远程监控
· Remote monitoring
- 实时数据
· Real-time data
- 故障预警
· Fault alerts



Product Supremacy

产品为王

我们秉持“产品为王”的核心理念 对产品质量实施严格把控

We adhere to the core philosophy of “Products Supremacy” and maintain strict control over product quality

从原材料检测、加工生产到出厂试验，每一步都精益求精，旨在呈现高标准的往复泵产品。

选择大象机械，即选择卓越品质与无忧保障。

From raw material testing and manufacturing to final factory testing, we strive for perfection at every step to deliver reciprocating pumps that meet the highest standards. When you choose Elephant Machinery, you're choosing exceptional quality and peace of mind.

1 加工中心 Machining Center

无论复杂零件还是精密加工，皆能精准雕琢；从部件到箱体，坚持自主加工，确保每一环节可控、可追溯。

Whether it's complex parts or precision machining, we craft them with precision. From components to enclosures, we insist on in-house manufacturing to ensure every step is controllable and traceable.

2 检测中心 Detection Center

以严谨科学的方法对来料进行全面检测，确保材料符合并超越行业标准，从源头保障品质。

We conduct comprehensive inspections of incoming materials using rigorous scientific methods to ensure they meet and exceed industry standards, thereby guaranteeing quality from the source.

3 往复泵试验台 Reciprocating Pump Test Bench

严格根据GB/T7784-2018机动往复泵试验方法标准，独立设计制造，模拟极端工况，验证产品耐用性，保障客户使用。

Designed and manufactured independently in strict accordance with the GB/T 7784-2018 standard for testing methods of reciprocating pumps, our products are tested under simulated extreme operating conditions to verify their durability and ensure reliable performance for our customers.



Detection Center

检测中心

检测中心, 汇聚100多台套国际先进检测设备, 同时拥有一支经验丰富的专业检测团队。从光学测量到材料分析, 覆盖每一个细节, 确保每一个产品不仅符合更超越行业标准。

The Testing Center is equipped with over 100 sets of internationally advanced testing equipment and is staffed by a team of experienced professionals. From optical measurement to material analysis, we cover every detail to ensure that every product not only meets but exceeds industry standards.



相关检测人员证书
Quality Control Inspector Certificate



检测中心

DETECTION CENTER

End-to-End Solution Capabilities

成套解决方案能力

01

专业设计团队 Professional Design Team

深耕往复泵领域多年，自有专业成套设计研发团队，具备完整撬装一体化方案设计能力。

With many years of experience in the reciprocating pump industry, we have our own professional design and R&D team and possess the capability to design complete skid-mounted integrated solutions.

02

按需定制 Customized Solutions

可根据工况、介质、场地、工艺需求，量身定制往复泵集成撬装成套系统，从方案规划、结构设计、管路布局到整机配套一体化输出。

We can tailor-make integrated skid-mounted reciprocating pump systems based on operating conditions, media, site requirements, and process needs, providing a comprehensive solution ranging from conceptual planning and structural design to piping layout and complete system integration.

03

一体化撬装成套交付 Turnkey Skid-Mounted Systems

依托深厚流体设备研发功底，兼顾设备稳定性、运维便捷性与现场安装适配性，为各行业提供专属、高效、合规的成套撬装解决方案。

Leveraging our deep expertise in fluid equipment R&D, we balance equipment stability, ease of operation and maintenance, and on-site installation compatibility to provide customized, efficient, and compliant turnkey skid-mounted solutions for various industries.



泥浆泵
注浆泵
Mud Pump
Grouting Pump



过程泵
计量泵
Process Pump
Metering Pump



注水泵
注聚泵
注液态二氧化碳泵
固井泵
增压试压泵
原油输送、循环泵

Water Injection Pump
Polymer Injection Pump
Liquid CO2 Injection Pump
Cementing Pump
Pressure Testing Pump
Crude Oil Transfer / Circulation Pump



水力压裂泵
注浆泵
喷雾泵
乳化液泵

Fracturing Pump
Grouting Pump
Spray Pump
Emulsion Pump



工业清洗泵
冶金除磷泵
无纺布水刺泵
金属零件去毛刺泵

Industrial Cleaning Pump
Steel Dephosphorization Pump
Nonwoven Spunlace Pump
Metal Parts Deburring Pump

Projects

案例介绍

苏丹重质含蜡原油输送泵撬 Crude Oil Transfer Pump Skid in Africa

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Pump
驱动：CAT柴油机
Drive: CAT C15 Diesel Engine
流量：2800 L/min
Flow Rate: 2800L/min
压力：18 MPa
Pressure: 18 MPa
介质：原油
Medium: Crude Oil
介质温度：+35°C ~ +80°C
Medium Temperature: +35°C to +80°C



哈萨克斯坦坚戈油田注水泵撬 ZPEC Kazakhstan Tenge Oilfield Water Injection Pump Skid

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Pump
驱动：工频/变频电机
Drive: Line Frequency / Variable Fre-quency Motor
流量：333 L/min
Flow Rate: 333 L/min
压力：40 MPa
Pressure: 40 MPa
介质：油污水、地下水
Medium: Oily Wastewater, Groundwater
介质温度：+45°C ~ +65°C
Medium Temperature: +45°C to +65°C



海上钻井平台HPU主动力泵组 Offshore Drilling Platform HPU Power Pump Unit

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Pump
驱动：防爆工频电机
Drive: Electric Motor Drive(Explo-sion-Proof Line Frequency)
流量：129 L/min
Flow Rate: 129L/min
压力：35 MPa
Pressure: 35 MPa
介质：水基液
Medium: Water-based Fluid
介质温度：常温
Medium Temperature: Normal Temperature



江苏油田注水泵 Sinopec Jiangsu Oilfield Water Injection Pump

泵型：五缸柱塞式往复泵
Type: Quintuplex Plunger Pump
驱动：变频电机
Drive: Variable Frequency Motor
流量：776 L/min
Flow Rate: 776 L/min
压力：20 MPa
Pressure: 20 MPa
介质：含油污水
Medium: Oily Wastewater
介质温度：+40°C ~ +55°C
Medium Temperature: +40°C to +55°C

化学液体注入泵撬 Chemical Injection Pump Skid in South America

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Pump
驱动：变频防爆电机
Drive: Motor Drive (Explosion-Proof Variable Frequency)
流量：190 L/min
Flow Rate: 190L/min
压力：10.4 MPa
Pressure: 10.4 MPa
介质：盐酸
Medium: Hydrochloric Acid
介质温度：+15°C ~ +25°C
Medium Temperature: +15°C to +25°C



四机赛瓦车载式固井泵 SERVA Truck-mounted Cementing Pump

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Pump
驱动：液压系统
Drive: Hydraulic System
流量：10-120 L/min
Flow Rate: 10-120 L/min
压力：70 MPa
Pressure: 70 MPa
介质：化学液体
Medium: Chemical Liquids
介质温度：常温
Medium Temperature: Normal Temperature



Projects

案例介绍

宝长年澳大利亚水井钻配套柴油机泥浆泵撬

Boart Longyear Australian Water Well Drilling Diesel Engine Mud Pump Unit

泵型：三缸活塞式往复泵
Type: Triplex Piston Pump
驱动：柴油机
Drive: Diesel Engine
流量：385/600/779/1200 L/min
Flow Rate: 385/600/779/1200 L/min
压力：10/8/6/4 MPa
Pressure: 10/8/6/4 MPa
介质：泥浆液
Medium: Drilling Mud
介质温度：< +50°C
Medium Temperature: < +50°C



英国GTD地热钻机机载泥浆泵

GTD Geothermal Drilling Onboard Mud Pump in the UK

泵型：三缸活塞式往复泵
Type: Triplex Piston Pump
驱动：液压马达
Drive: Hydraulic Motor
流量：1000 L/min
Flow Rate: 1000 L/min
压力：4-10 MPa
Pressure: 4-10 MPa
介质：泥浆液
Medium: Drilling Mud
介质温度：< +50°C
Medium Temperature: < +50°C



徐工坑道钻泵车车载泥浆泵

XCMG Tunnel Drilling Onboard Mud Pump

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Pump
驱动：液压马达
Drive: Hydraulic Motor
流量：500 L/min
Flow Rate: 500 L/min
压力：10 MPa
Pressure: 10 MPa
介质：泥浆液
Medium: Drilling Mud
介质温度：< +50°C
Medium Temperature: < +50°C



印度非开挖钻进泥浆泵站

HDD Mud Pump Unit in India

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Pump
驱动：康明斯柴油机
Drive: Cummins Diesel Engine
流量：2800 L/min
Flow Rate: 2800 L/min
压力：5-18 MPa
Pressure: 5-18 MPa
介质：泥浆液
Medium: Drilling Mud
介质温度：< +50°C
Medium Temperature: < +50°C

徐工水平定向钻机机载泥浆泵

XCMG HDD Rig Onboard Mud Pump

泵型：三缸活塞式往复泵
Type: Triplex Piston Pump
驱动：液压马达
Drive: Hydraulic Motor
流量：800 L/min
Flow Rate: 800 L/min
压力：3.5-10 MPa
Pressure: 3.5-10 MPa
介质：泥浆液
Medium: Drilling Mud
介质温度：< +50°C
Medium Temperature: < +50°C



新西兰非开挖柴油机泥浆泵撬

HDD Diesel Engine Mud Pump Unit

泵型：三缸活塞式往复泵
Type: Triplex Piston Pump
驱动：康明斯柴油机
Drive: Cummins Diesel Engine
流量：918/1341/1818/2452/3000 L/min
Flow Rate: 918/1341/1818/2452/3000 L/min
压力：10/10/8/6/5 MPa
Pressure: 10/10/8/6/5 MPa
介质：泥浆液
Medium: Drilling Mud
介质温度：< +50°C
Medium Temperature: < +50°C



Projects

案例介绍

电驱高压注浆泵站

Electric Driven High Pressure Grouting Pump Station

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Reciprocating Pump

驱动：变频电机
Drive: Variable Frequency Motor

流量：555 L/min
Flow Rate: 555 L/min

压力：55 MPa
Pressure: 55 MPa

介质：水泥粉末与清水搅拌液
Medium: Cement Slurry

介质温度：< +50°C
Medium Temperature: < +50°C



海油平台清洗泵撬 (CCS认证)

Offshore Platform Cleaning Pump Skid (CCS Certified)

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Reciprocating Pump

驱动：变频电机
Drive: Variable Frequency Motor

流量：75 L/min
Flow Rate: 75 L/min

压力：24 MPa
Pressure: 24 MPa

介质：清水
Medium: Clean Water

介质温度：< +50°C
Medium Temperature: < +50°C



海油平台化学剂注入泵撬 (CCS认证)

CCS Certified Chemical Injection Pump Unit for Offshore Platform

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Reciprocating Pump

驱动：变频电机
Drive: Variable Frequency Motor

流量：200 L/min
Flow Rate: 200 L/min

压力：21 MPa
Pressure: 21 MPa

介质：聚合物
Medium: Polymer

介质温度：< +50°C
Medium Temperature: < +50°C

俄罗斯鞑靼石油高温注聚泵撬

TATNEFT High Temperature Polymer Injection Pump Skid in Russia

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Reciprocating Pump

驱动：变频防爆电机
Drive: Motor Drive (Explosion-Proof Variable Frequency)

流量：180 L/min
Flow Rate: 180 L/min

压力：20 MPa
Pressure: 20 MPa

介质：聚合物
Medium: Polymer

介质温度：+5°C ~ +80°C
Medium Temperature: +5°C to +80°C



智能管道试压系统

Intelligent Steel Pipe Pressure Testing Pump Unit

泵型：三缸柱塞式往复泵
Type: Triplex Plunger Pump

驱动：变频电机
Drive: Variable Frequency Motor

流量：15 L/min
Flow Rate: 15 L/min

压力：100 MPa
Pressure: 100 MPa

介质：清水
Medium: Clean Water

介质温度：< +50°C
Medium Temperature: < +50°C



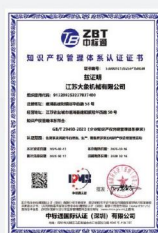
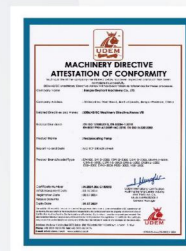
坚守客户至上、产品为王、精益求精、诚信务实之本
持续为每一位客户提供更加便捷、可靠、高效、智能的往复泵
产品和解决方案

We remain committed to
principles of customer-first, product excellence, lean excellence, integrity and pragmatism

We will continue to deliver
more convenient, reliable, efficient and intelligent reciprocating pump products and solutions to
every customer worldwide.



Certifications



致力于打造 Committed To
世界一流的往复泵品牌
Creating A World-class Reciprocating Pump Brand



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