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Shoulder the responsibility by BOMCO

Extend the satisfaction to clients

**KERGY** SHAANXI KERGY MECHANICAL EQUIPMENT CO.,LTD

Tel: +86-29-85578975 Ext. 8003

Website: [www.kergyoilfield.com](http://www.kergyoilfield.com)

Email: [sales@kergyoilfield.com](mailto:sales@kergyoilfield.com)

**KERGY**

产品手册



SHAANXI KERGY MECHANICAL EQUIPMENT CO.,LTD

# 诚信 · 质量 · 安全 · 服务

Integrity · Quality · Safe · Service

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## 01 公司简介 Company Profile

陕西可尔吉机械设备有限公司是石油钻井泵、压裂泵、螺纹量规、泵配件和专用工具生产研制基地，是集零件加工、总装试验、油漆涂装、售后服务等为一体的泵制造基地。

我司现有员工430余名，其中高级工程师4人，工程师38人，中石油技能专家1人，高级技师2人，技师10人。下设机加车间、装配车间、精密车间，拥有各类设备283台/套，其中捷克镗铣床3台、PAMA镗铣床1台、德国Hofler磨齿机3台、美国Drake螺纹磨床2台、高精检测设备6台。

主要产品有钻井泵（F-500 / F-800 / F-1000 / F-1300 / F-1600 / F-1600HL / F-2200HL）、压裂泵（TPI-600 / 600S / QPI-2500A / QPI-2800A / QPI-3300 / QPI-3500 / QPI-5000 / QPI-7000）、轻型泵（F1-800 / F1-1600 / F1-2200H）、五缸钻井泵（QDP-1600 / QDP-2200 / QDP-3000）、变频一体机五缸泵组、永磁电机钻井泵组、螺纹量规、钻井泵配件等。两项产品获得API会标使用权。

秉承公司“把责任留给自己，把满意留给用户”的经营理念，严格执行ISO9001、APIQ1质量体系 and API产品标准，坚持“造品质泵，创国际著名品牌”的发展理念，为用户提供质量卓越的产品和细心周到的服务，实现自身有质量有效益可持续发展。



KERGY is a production and research base for oil Drilling Pump,Plunger pump,Thread gauges,pump accessories and special tools.It is the pump manufacturing base integrating parts processing,final assembly testing,paint coating,after-sales service and etc.

The branch company has staff more than 430 people, including 4 senior engineers, 38 engineers, 1 CNPC technical expert, 2 senior technicians and 10 technicians. The branch company set up machine workshop, assembly workshop and precision workshop. It has 283 sets of various types of equipment, including 3 sets of SKODA boring and milling machines, 1 set of PAMA boring and milling machines, 3 sets of German Hofler grinding machines, 2 sets of American Drake thread grinders and 6 sets of testing equipment.

With the main products of Drilling Pump (F-500 / F-800 / F-1000 / F-1300 / F-1600 / F-1600HL / F-2200HL), Plunger Pump (TPI-600 / 600S / QPI-2500A / QPI-2800A / QPI-3300 / QPI-3500 / QPI-5000 / QPI-7000), Light Pump (F1-800 / F1-1600 / F1-2200H), Quintuple Drilling Pump (QDP-1600/QDP-2200/QDP-3000), Quintuple Drilling Pump with Integrated VFD Motor,Permanent Magnet Motor Drilling Pump Unit,Thread Gauges, Drilling Pump Accessories etc.2 items get API monogram certification.

Carrying out business philosophy, "Shoulder the responsibility Extend the satisfaction to Clients". The company strictly carries out ISO9001, API Q1 quality system and API product standards.Adhere to "make quality pump, create world famous brand", provide users with excellent quality products and considerate services to achieve own quality and sustainable development.



02 **主导产品**  
Leading Product

**钻井泵 Drilling Pump**

我司具有近 50 年全系列钻井泵的生产历史。具备年产 800 台钻井泵的生产能力，产品具有运行平稳、噪音小、可靠性高的特点。F 系列钻井泵多年来被评为“陕西省名牌产品”，QDP-2200/3000 五缸钻井泵于 2020 年 12 月通过中国石油科技部组织的成果鉴定，成果等级为“国际先进”。钻井泵产品以先进的技术、可靠的质量、卓越的性能，得到国内外用户的广泛认可，远销美国、加拿大、俄罗斯、中东等几十个国家和地区。

Our company has more than 50 years of drilling pump production history and has annual production capacity of 800 sets of mud pump. The products have the advantages of stable operation, low noise and high reliability. F series drilling pumps have been rated as "Shaanxi Famous Brand Products". QDP-2200/3000 quintet drilling pump passed the achievement appraisal organized by CNPC Ministry of Science and Technology in December 2020, and the achievement level is "International Advanced". Drilling pump products are obtained at domestic and foreign with advanced technology, reliable quality and excellent performance. Widely recognized by users, the products are exported to dozens of countries and regions such as the United States, Canada, Russia, and the Middle East.



**F 系列三缸钻井泵 Type of Triplex Drilling Pump**

型号	最大缸径mm	额定功率kw	额定冲次SPM	冲程长度mm	排出压力MPa	重量kg
Type	Max bore dia	Rated power	Rated impulse	Stroke length	Discharge pressure	weight
F-500	170	373	165	191	27.2	9770
F-800	170	596	150	229	34.5	14500
F-1000	170	746	140	254	34.5	18790
F-1300	180	969	120	305	34.5	27639
F-1600	180	1193	120	305	34.5	27961
F-1600HL	190	1193	120	305	51.7	30512
F-2200HL	230	1640	105	356	51.7	45502



**五缸钻井泵 Type of Quintet Drilling Pump**

型号	最大缸径mm	额定功率kw	额定冲数SPM	冲程mm	排出压力MPa	单泵重量kg	泵组重量kg
Type	Max bore dia	Rated power	Rated stroke	Stroke	Discharge pressure	pump weight	pump unit weight
QDP-1600	180	1193	105	300	51.7	29500	40000
QDP-2200	190	1641	117	300	51.7	27000	46000
QDP-3000	190	2237	117	300	51.7	43193	60000

## 压裂泵 Plunger Pump

我司具有先进的压裂泵专用生产线，具备年产300台压裂泵的生产能力，产品体积小、重量轻，具有性能可靠、操作灵活、互换性高等特点。压裂泵系列产品可用于固井压裂作业、页岩气压裂加砂作业和低渗油气储藏的压裂酸化作业。

Our company has an advanced production line dedicated to fracturing plunger pumps, with an annual production capacity of 300 fracturing pumps. the products are small in size, light in weight, reliable in performance, flexible in operation, and highly interchangeable. series of plunger pumps can be used for cementing and fracturing operations, shale gas pressure fracturing and sanding operations, and fracturing and acidizing operations for low-permeability oil-gas reservoirs.



### 压裂泵型号 Type of Plunger Pump

型号	额定输入功率kw	额定冲数min <sup>-1</sup>	最高排出压力MPa	重量kg
Type	Rated input power	Rated impulse	Max Discharge pressure	weight
TPI-600/600S	447	119	140	2370
QPI-2500A	1864	116	140	7185
QPI-2800A	2088	77	140	8860
QPI-3300	2461	89	140	9600
QPI-3500	2610	95	140	12700
QPI-5000	3728	115	140	14000
QPI-7000	5200	115	140	19000

## 往复泵 Reciprocating Pump

往复泵广泛用于重型工程机械、油田、矿山、煤炭等行业，适应输送介质十分广泛。主要有ZB系列柱(活)塞泥浆泵、HTB系列柱(活)塞泥浆泵等。

Reciprocating Pumps are widely used in Heavy construction machinery, oilfield, mining, coal and other industries. It is widely adapted to the transmission medium. The products mainly include ZB series plunger or piston mud pump, HTB series plunger or piston mud pump and etc.



## 螺纹量规 Thread Gauges

我司是石油专用螺纹量规研发制造基地，可设计制造API Spec 5B和API Spec 7-2标准螺纹量规、直径达27英寸(685mm)的大直径螺纹量规以及用户所需特殊螺纹量规。螺纹量规产品曾荣获国家银质奖，2017年被列为中国石油集团第四批内部优势产品。

Our company is a professional research and manufacturing company of oilfield thread gauges, We supply all types of thread gauges listed in API Spec 5B and 7-2, and 27"(685mm) large diameter thread gauge and also supplies users special thread gauge. The product had won the national silver medal and has been listed as the fourth batch of domestic advantageous products of CNPC.



## 泵配件及工具 Pump Accessories and Tools

我司具有陶瓷缸套生产线、阀总成活塞生产线、液缸装配生产线、十字头导板打磨等多条生产线，可生产多种类型的高性能原厂配件。陶瓷缸套作为性价比较高的原厂配件，其寿命是普通金属缸套的8—9倍，价格仅为普通金属缸套的3-4倍。我司生产钻井泵、压裂泵专用工具，如钻井泵陶瓷缸套快速拆换装置、压裂泵液缸快速拆换装置等，通过液压泵提供动力实现快速作业。

Our company has Ceramic liners production line, valve assembly and piston production line, module cylinder assembly line, crosshead and slid polishing production line, etc. The company can produce many types of high-performance original accessories. As a cost-effective original accessories, ceramic liners have a life span of 8-9 times that of ordinary metal liners, and the price is only 3-4 times. We produce special tools for drilling pumps and plunger pumps, such as pump liner quick-replacement device and pump fluid end quick-replacement device. The hydraulic pump provides power to achieve rapid operation.



03

## 售后服务 After-sale Service

### 产品服务承诺 Product Service Commitment

公司建立了专业化维保服务团队，长期面向全球提供钻井泵维保大修、安装试验等现场服务，开展远程监测等数字化服务业务，我们向用户做如下承诺：

- 1.及时征集用户对产品的改进意见。
- 2.提供产品使用、维护、保养等方面知识培训。
- 3.对用户的需求第一时间做出响应，为用户提供全生命周期服务。

Our Company has established a professional maintenance service team, providing services long-term to the world such as maintenance and overhaul of drilling pumps, installation tests, etc. and carrying out digital service business such as remote monitoring. We make the following commitments to users:

1. Solicit users' opinions on product improvement in a timely manner.
2. Provide product use, maintenance, maintenance and other knowledge training.
3. Respond to the needs of users in the first time and provide users with full life cycle services.

### 销售网络 Sales Network

公司生产的钻井泵、压裂泵、螺纹量规、陶瓷缸套等泵配件销往全国，远销中东、东南亚、俄罗斯、美国等地区，遍布国内外各大油田、制管公司、质检机构等使用单位。

Pump Branch Drilling Pump, Plunger Pump, Thread Gauges, Ceramic Liner, and other Pump Accessorie products not only are exported to the Middle East, Southeast Asia, Russia, USA, and other regions, and also spread all over the country's major oil fields, pipe companies, quality inspection agencies, and other use units.