创新 · 质量 · 管理 · 服务

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单螺杆泵

SINGLE SCREW PUMP

产品手册

PRODUCT MANUAL

兴龙泵业

www.xinglongpump.com

杭州兴龙泵业有限公司



杭州兴龙泵业有限公司

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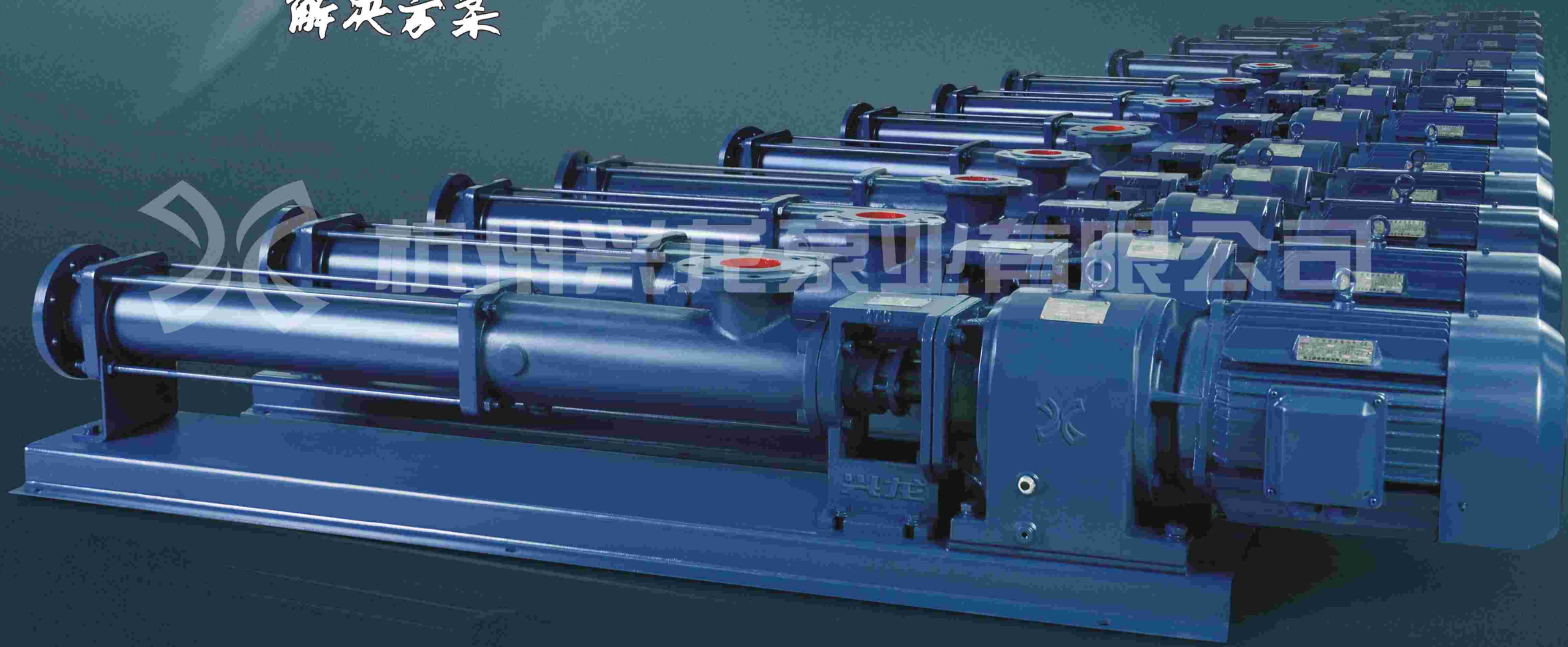
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杭州兴龙泵业有限公司 出品

专业提供单螺杆泵应用

解决方案



威海威尔泵业有限公司

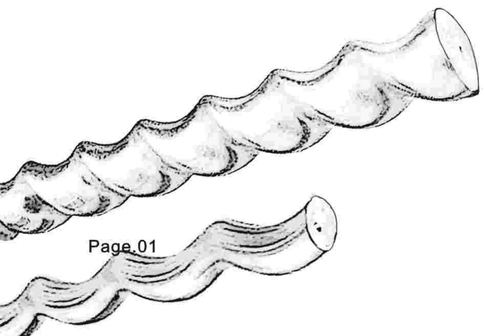


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公司简介

杭州兴龙泵业有限公司创立于1998年，是浙江省高新技术企业，专业从事粘稠物料泵送系统的研制与生产，尤其对脱水物料、中浓度纸浆及水煤浆输送泵具有丰富的技术经验，产品包括单螺杆泵、双螺杆泵、三螺杆泵、转子泵、切碎机以及配套的控制系统。公司通过了中国船级社 CCS质量体系认证，是中国石油天然气集团公司的一级物资供应商，中国螺杆泵专业委员会副主任委员单位，《JB/T8644-2007 单螺杆泵》标准起草单位，《HJ2524-2012环境保护产品技术要求 单螺杆泵》标准唯一起草企业，对相关核心技术拥有完全的自主知识产权。





COMPANY INTRODUCTION

In 1998, Hangzhou Xinglong Pump CO.,LTD is founded which is a high-tech enterprise in Zhejiang Province as a special manufacture for research and production of delivery system for viscous media.Especially we have rich technical experiences on the dewatered material、medium consistency pulp and coal water slurry. Our products include single screw pump、twin screw pump、three screw pump、rotor pump、macerator and matching control system.We have passed the CCS (China Classification Society) quality system certification.Xinglong pump is a qualified supplier of China National Petroleum Corporation,a vice chairman enterprise of screw pump professional committee of China,a drafting unit about《JB/T8644-2007 Single screw pump》,a unique drafting enterprise about《HJ2524-2012 Technical requirement for environmental protection products Single screw pump》,has independent intellectual property rights of the core technology.

兴龙品质
Quality Of Xinglongpump

公司秉承“创新是灵魂，质量是生命，管理是财富，服务是生存”的企业发展理念，在“客户可持续满意为导向”的质量标准指引下，与客户携手合作，齐肩并进，互惠共赢。





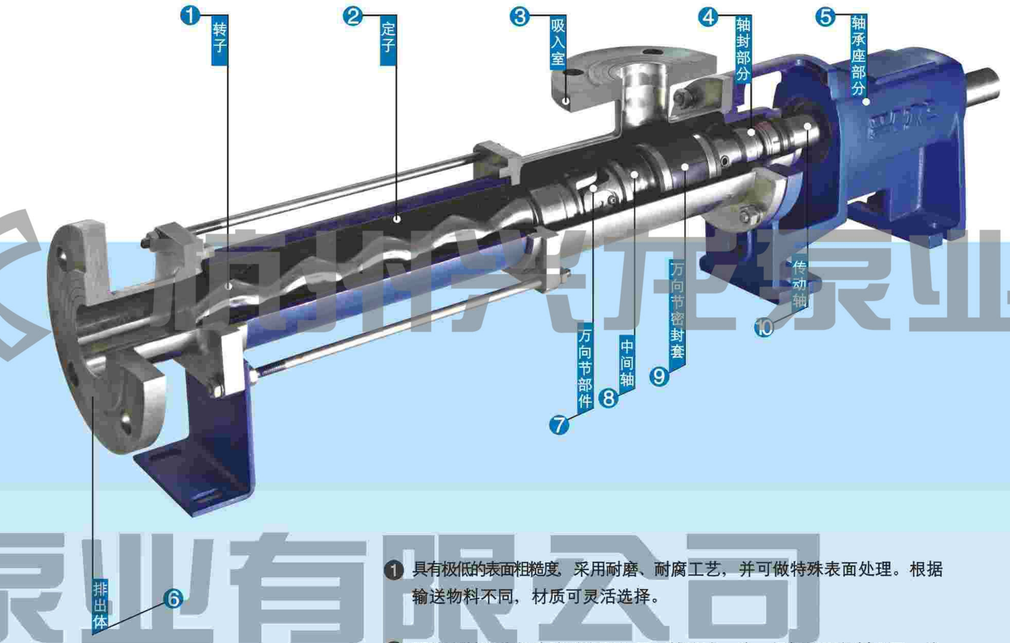






杭州兴龙泵业有限公司

单螺杆泵的基本结构
BASIC STRUCTURE OF SINGLE SCREW PUMP



工作特点

· 适用范围广，可输送一切流动甚至非流动性物料，可双向旋转，双向输送；
· 流量压力稳定，无脉动；
· 流量与转速成正比，可用作计量投加；
· 工作噪声小；效率高。

Working Features

· Wide application, deliver all kinds of fluid media, even non-fluid ones; Bilateral rotation and delivery;
· Stable capacity and pressure , no pulse;
· Capacity is proportional to speed, so the pump can be used as dosing pump;
· Low operation noise;High efficiency.

输送介质

· 各种粘度的流体，特别是高粘度难输送的介质(达20^4 mm^2/s)；
· 各种浓度的流体及经过分离脱水的干物料；
· 含固体颗粒（达70%）、纤维（达350mm）和悬浮物的介质
· 流体、气体和固体的混合物；
· 不能受搅动、剪切和挤压的敏感性流体；
· 腐蚀性介质（PH=1～14）；
· 高低温介质（-10～150℃）。

Delivery Media

· Different viscous liquids, especially for the liquids with high viscosity which are difficult to be pumped (up to 20^4 mm^2/s);
· Different dense liquids and dewatered dry medium;
· Liquids which contain solid particles (up to 70%), fibers (up to 350mm) and suspending media;
· Intermixtures of liquid, air and solid;
· Sensitive liquids that can not be churned、sheared and compressed;
· Corrosive liquids(PH=1～14);
· Fluid at high or low temperature (-10～150℃).

杭州兴龙泵业有限公司

1. 具有极低的表面粗糙度，采用耐磨、耐腐工艺，并可做特殊表面处理。根据输送物料不同，材质可灵活选择。

2. 两端密封翻边将橡胶衬套和金属套管连成一体。根据输送物料不同，橡胶材质可选。可安装干运行保护器，防止由于干运转而造成定子损坏。

3. 过流通畅，易冲洗，带有清洗堵头。法兰接口符合GB/ISO标准，方向根据客户需求制作。材质有碳钢、不锈钢，或做防腐涂层等，可供选择。

4. 可采用填料密封，也可采用单、双端面机械密封。

5. 置于泵和驱动装置之间，承载力强，并确保将泵固定在基座上。

6. 过流通畅，根据需要加工压力表接口。法兰接口符合GB/ISO标准，材质有碳钢、不锈钢或做防腐涂层等，可供选择。

7. 轴向推力和偏心扭矩的承力部件，内部有耐磨并可更换的轴套副，易于维修。

8. 用于动力传输，两端各连接两组万向节部件。

9. 将万向节内部零件与物料隔离，内部充有润滑剂。橡胶材料也依据物料不同选配。

10. 一端与驱动装置连接，另一端与中间轴连接。根据需要提供耐磨涂层。

单螺杆泵的型号
MODEL OF SINGLE SCREW PUMP

企业标识
Corporate Logo

兴龙泵业
XINGLONGPUMP

X-兴龙泵业
X-Xinglong Pump

规格代号
Code of Specification

XG
XL
XT
XC

XG	XL	XP	XT	XC
501	001	030	070	070
502	002	035	085	085
503	005	040	105	105
504	008	050	135	135
505	014	060		
515	024	070		
520	041	085		
	047			
030	069			
035	115			
040	168			
050				
060				
070				
085				
105				
135				
150				
170				
220				

压力等级或级数(导程数)
Pressure Rating

XG	XP	XT	XL	XC
01	06	05	06	05
02	12	10		
03	18			
04				
06				
08				

材料或特性
Materials Or Features

· P-普通(碳钢、铸铁)
· F-304
· M-316
· A-水煤浆用(抗磨蚀)
· Q-其它

· P - Ordinary(Carbon Steel、Cast Iron)
· F - 304
· M - 316
· A - Special for CWS
· Q - Others

X G 050 B 02 Z P □

· G-1/2标准导程系列
· L-1/2长导程系列
· T-2/3标准导程系列
· C-2/3长导程系列
· P-喷浆泵系列
· GK-矿用泵系列

· G-1/2 Standard Lead Series
· L-1/2 Long Lead Series
· T-2/3 Standard Lead Series
· C-2/3 Long Lead Series
· P-Slurry Spout Pump Series
· GK-Mine Pump Series

系列代号
Code of series

· B-标准卧式
· L-立式
· D-短式
· S-带松动桨
· N-带喂料器
· H-带"破桥"松料器
· W-食品卫生型

· B-Standard Horizontal
· L-Verticle Style
· D-Large Short Style
· S-With Loosing Propellor
· N-With Feeder
· H-With Broken-Bridge and Feeder
· W-Hygienic Food Style

结构 Structure

· Z-轴承座结构
· J-直连架结构
· C-船用泵

· Z-Bearing Pedestal Structure
· J-Direct Coupled Structure
· C-Ship Pump

结构型式
Structure

· B-背包结构
· W-无轴螺旋结构

· B-Backpack Style
· W-Shaftless Screw Style

其他 Others

杭州兴龙泵业有限公司

应用领域
Application Area



能源和环境工程
水煤浆、水焦浆及洗煤泥输送;
絮凝剂及其化学制剂的计量投加;
脱水污泥输送; 各种污水输送。

Environmental engineering
Delivering water and coal slurry、water and coke slurry and slime;
Metering dose of flocculation and other chemical compound;
Delivery of dewatered sludge;Delivery of all kinds of sewage.

造纸行业
渣浆及废水处理;
化学计量;
涂布和着色过程;
10~25%中浓度纸浆输送。

Paper Making Industry
Dregs slurry and waste water treatment;
Metering for chemical slurry;
Spreading and coloring process;
Delivery of medium consistency pulp(10~25%).

石油工业
稠油输送; 油气混输;
油水分离和废油回收系统;
污水处理; 聚合物输送。

Oil Industry
Viscous oil delivery;Mixed delivery of oil and air;
Separated oil from water and waste oil recovery system;
Sewage treatment;Polymer delivery.

化工
各类膏状物; 各类乳状物;
各类悬浮液; 各类含气、含固液体;
各类不能受搅动和剪切的介质。

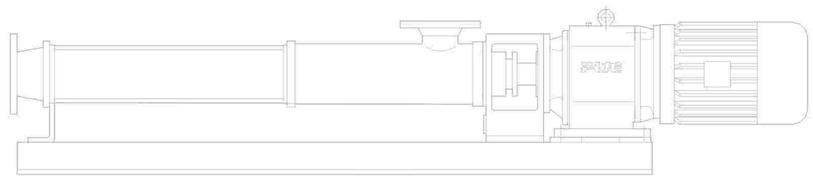
Chemical Industry
Various pasted liquids;Various milky liquids;
Various suspending liquid;Liquids which contain air or solid;
Liquids which can not be churned or sheared.

矿产工程
钛白粉、高岭土、碳酸钙等的生产制备;
给旋流体、过滤体喂料;
化学投加; 装料及灌浆。

Mine Industry
Producing and preparing the titanium white powder、kaolin and carbonate;
Feeding whirl fluid body and filtrate body on material;
Dosing chemical slurry;Loading and grouting.

食品工业
乳制品;
果汁、果泥、菜浆;
肉糜和调味品。

Food Industry
Milk products;
Fruit juice, mashed fruit, vegetable slurry;
Meat gruel and flavoring.



螺杆泵的常见型式
USUAL STYLES OF SINGLE SCREW PUMP

卧式
Horizontal Style



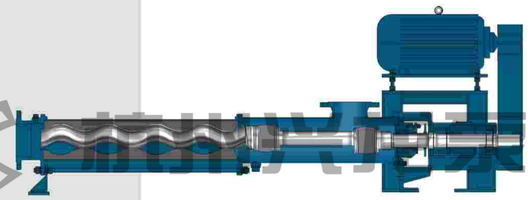
直连式
减速电机直接驱动，结构紧凑，长度较短。
最大流量：600m³/h
最大压力：2.4MPa或更高

Direct-coupled
Reducer is directly driven;Compact structure and shorter length;
Capacity(max):600m³/h;
Pressure(max):2.4MPa or higher.



轴承座式
减速电机通过轴承座驱动，承载能力强，刚性好。
最大流量：600m³/h
最大压力：4.8MPa或更高

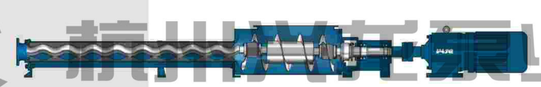
Bearing pedestal
Reducer is driven through bearing pedestal;
Strong load-bearing ability,good rigidity;
Capacity(max):600m³/h;
Pressure(max):4.8MPa or higher.



背包式
拖动电机置于泵的上方，通过齿形带传动并减速，
可以有效缩短泵的长度。
最大流量：200m³/h
最大压力：2.4MPa或更高

Backpack Style
Motor is installed above the pump,is driven and geared through the tooth belt, so the length of the pump is obviously shortened.
Capacity(max):200m³/h;
Pressure(max):2.4MPa or higher.

喂料式
Pump with a feeder



适用于输送浓缩、脱水污泥等非流动性物料，
吸入室带矩形进料斗和螺旋送料器。
最大流量：100m³/h
最大压力：4.8MPa或更高

Deliver concentrated、dewatered sludge and other non-fluid media;
With rectangular hopper and feeder;
Capacity(max):100m³/h;
Pressure(max):4.8MPa or higher.

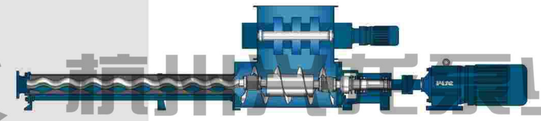
立式
Vertical Style



有基座式、壁挂式、吊装式、插桶式等多种安装形式。
可用于池、井、涵洞等场所。
最大流量：200m³/h
最大压力：2.4MPa或更高
安装长度：按需要决定

There are various installation types,such as foundation,installed on the wall、hoisting、inserted in the barrel.
The pump can be used in pond、well、culvert and so on.
Capacity(max):200m³/h;
Pressure(max):2.4MPa or higher;
The length of installation is dependent on requirements.

破桥式
"Broken-bridge" style



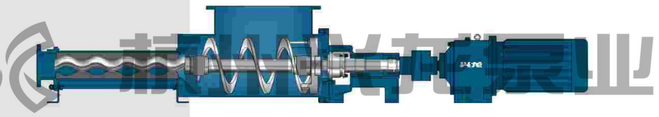
用于输送有“搭桥”效应的非流动性物料；吸入室带加大矩形进料斗。
最大流量：100m³/h
最大压力：4.8MPa或更高

Used for the unfluid media with "building bridge";
Suction chamber with enlarged rectangular hopper.
Capacity(max):100m³/h;
Pressure(max):4.8MPa or higher.

杭州兴龙泵业有限公司

螺杆泵的常见型式
USUAL STYLES OF SINGLE SCREW PUMP

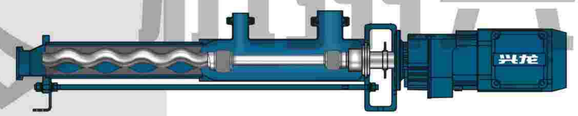
无轴螺旋式
Shaftless Screw style



适用于输送浓缩、脱水污泥等非流动性粘稠物料，
吸入室带矩形进料斗和无轴螺旋送料器；
无轴螺旋送料器与传动轴同轴旋转，进料效率高；
物料不易在吸入室入口堆积；
超压时自动泄压保护。
最大流量：100m³/h
最大压力：4.8MPa或更高

Deliver concentrated、dewatered sludge and other non-fluid viscous media;
With rectangular hopper and shaftless screw feeder;
Shaftless screw feeder and the input shaft rotate with
the same axis, the feeding efficiency is high;
The medium is not easy to accumulate in the suction chamber entrance;
When the pressure reaches the adjusted maximum one,it will
relieve the pressure to protect the system automatically.
Capacity(max):100m³/h;
Pressure(max):4.8MPa or higher.

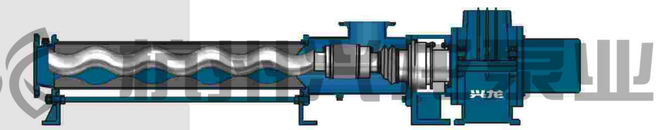
卫生食品式
Hygienic food style



适用于有清洁卫生要求的食品、医药、化妆品及生物工程中
各种物料的输送，过流表面经抛光、无死点、易清洗。
最大流量：200m³/h
最大压力：2.4MPa或更高

Used for delivery of the hygienic food、medicine、cosmetics
and various sanitation media of biological projects.
Flow surface has been polished,no dead point and easy cleaning.
Capacity(max):200m³/h;
Pressure(max):2.4MPa or higher.

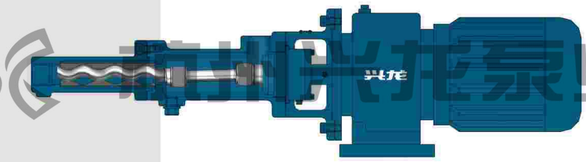
短型
Large short style



泵与减速机合为一体，使大型泵结构更紧凑。
最大流量：400m³/h
最大压力：2.4MPa或更高

Pump and reducer are united as a whole,which makes the structure
more compact.
Capacity(max):400m³/h;
Pressure(max):2.4MPa or higher.

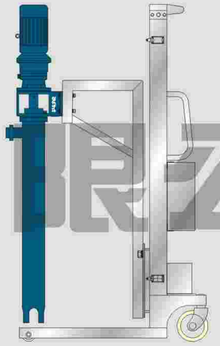
微型计量式
Micro metering style



适用于小流量输送粘稠物料，带调速装置可用于化学
介质计量投加。
最小流量：0.03L/min
最大压力：2.4MPa或更高
计量误差可达±1%

Deliver viscous media at low capacity;With adjustable speed device,
the pump can be used to meter and dose chemicals;
Capacity(min):0.03L/min;
Pressure(max):2.4MPa or higher;
Metering error is up to ±1%.

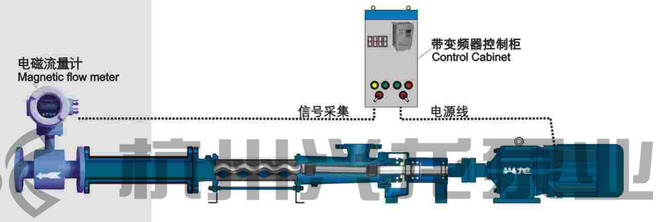
车载式
Pump with a trolley



泵置于移动小车上，有立式、卧式和搅拌式。
最大流量：50m³/h
最大压力：2.4MPa或更高

This pump is installed on the trolley;
There are vertical、horizontal and stirring;
Capacity(max):50m³/h;
Pressure(max):2.4MPa or higher.

恒流量变频控制柜
Constant Capacity Variable
Frequency Control Cabinet



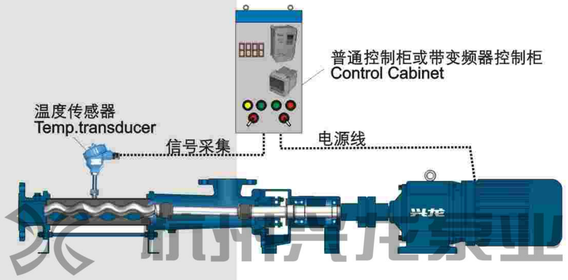
用于需要恒流量输出的系统。当流量变化时，变频器
会根据电磁流量计给出的信号调整泵转速，恢复流量
的稳定。

It is used for the system that needs constant capacity output.
When capacity changes,this capacity signal will send to the
variable frequency control,so the pump speed can be adjusted
through variable frequency control in order to recover constant
capacity.

杭州兴龙泵业有限公司

螺杆泵的常见型式
USUAL STYLES OF SINGLE SCREW PUMP

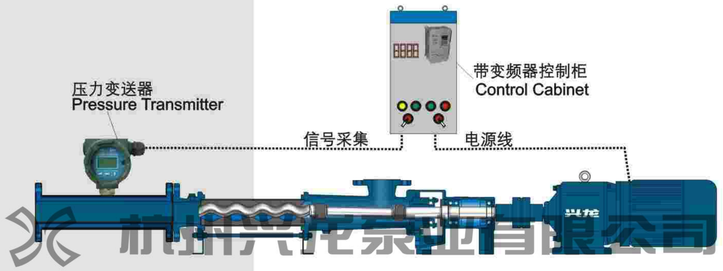
干运行保护器
Dry-moving Protector



泵发生干运行时定子和转子接触表面会迅速升温，当温度达到设定的温度极限时，干运行保护器会自动停机并发出报警信号。经常用于介质流动性差，易出现断料等情况下。

The temperature of contact surface between stator and rotor rapidly increases when the pump happens to be dry-moving. When the temperature reaches the adjusted maximum one, the dry-moving protector gives an alarm signal,and the pump automatically stops.It is usually used for difficult fluid media, and in the condition that is easy to be without media.

恒压变频控制柜
Constant Pressure Variable Frequency Control Cabinet



用于需要恒压输出的系统。在一定的使用环境中，需保持恒压系统或稳压系统，如板框式压滤机，此时必须加恒压变频控制柜，否则无法适应工况。

It is used for the system that needs constant pressure output. In some working conditions,it requires constant or stable pressure system,eg,frame filter,at this time it must have this system otherwise the requirements can not be met.

特殊产品及专用附件
SPECIAL PRODUCTS AND ACCESSORIES

螺杆泵撬装系统
Prizing System of Single Screw Pump



螺杆泵撬装系统是由若干单螺杆泵、阀门、测控仪表、驱动装置和管路共同合装在整体基座上的系统装置。螺杆泵撬装系统是专用的管路输送和控制系统，其功能、参数、安装方式均按用户要求设计制造。用户只需连接物料进口和出口，便可以投入使用。

Assembled on a complete plate,this system consists of single screw pump、valve、control instrument、actuating device and pipeline. It is a special pipeline delivery and control system,and all the function、parameter and installed style are designed and produced as your requirements.You only need to connect the inlet and outlet of the system,the system can be put into use.

卫生泵
Hygienic pump

世界各地对卫生泵都提出了很高的安全性要求。除了操作简单外，还应具有很高的生物安全性。另外，还要求泵输送过程中不能对液力剪切敏感的物料带来太大的损害。

Safety requirements for hygienic pump is highly concerned all over the world.The pump should be easy to repair,and should have high biological safety character.In addition,in the transportation process the media which is sensitive to be sheared should not be seriously damaged.

1. 过流金属表面抛光处理，腔内无死角，易清洗或蒸汽消毒
   Metal surface which touches with the media is polished, the cavity has no dead point, easy to clean and steam sterilization.
2. 结构简单，进出口可选用快换接头，拆卸方便
   Simple structure,quick–change connector in the inlet and discharge flange, easy disassembly
3. 过流部件全部符合FDA要求
   All parts which touch with the media meet the requirements of FDA
4. 输送物料无剪切，输送平稳，无脉动
   The meida is not sheared，and is smoothly delivered, no pulsation.
5. 可实现极高的定量供给精度
   High metering precision

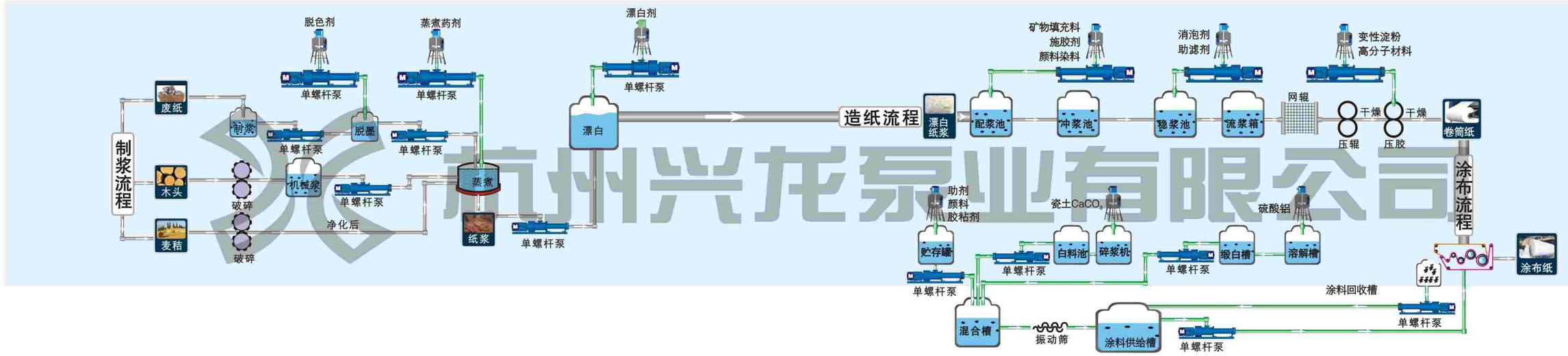


在造纸领域的应用
APPLICATION IN THE PAPERMAKING FIELD

造纸设备的一般使用寿命为15年，泵只占投资的很小一部分，但对设备的整体运行期限却起着很关键的作用。兴龙泵业所提供的单螺杆泵近年来已为众多造纸制造商配套使用。

General service life of papermaking equipment is fifteen years,the investment for pump is a small proportion of all,but it is very important to the whole service life of system.Xinglong single screw pumps have been used by many papermaking units in recent years.





在污水处理领域的应用
APPLICATION IN THE SEWAGE TREATMENT FIELD

单螺杆泵在污水处理过程中发挥着重要的作用

由于污水成份时刻变化，可以调整单螺杆泵的转速以精确剂量控制各种辅助絮凝剂、石灰乳和生物浆的加注。单螺杆泵具有输送大颗粒、大流量的生物浆的能力，并且不会破坏其与微生物反应的能力。

污水处理各环节产生的污泥，例如浓缩污泥、漂浮污泥、稀污泥、脱水污泥，都是单螺杆泵输送的用武之地。和传统的皮带输送或汽车运输相比，有全封闭、无滴漏、无臭气、可连续运行、易于实现自动化管理等特点，并可用单螺杆泵进行污泥的中、短距离输送。

Single screw pump plays an important role in the process of sewage treatment



Because the sewage component often changes,the filling quantity of the dose of flocculation、lime cream、bio slurry can be accurately controled by adjusting the speed of the single screw pump.Single screw pump has the ability to deliver large-particles、high-capacity bio slurry,and the ability of microbial reactions is not destroyed.
The sewage which is produced in the treating process,such as concentrated sludge、dilute sludge、dewatered sludge can be pumped easily by using the single screw pump.Compared with the traditional method like belt or automobile transportation,full closed、no drip、no odor、continuous working、automate abilities are very obvious,in addition the distance transportation of the sludge can be achieved by using the single screw pump.

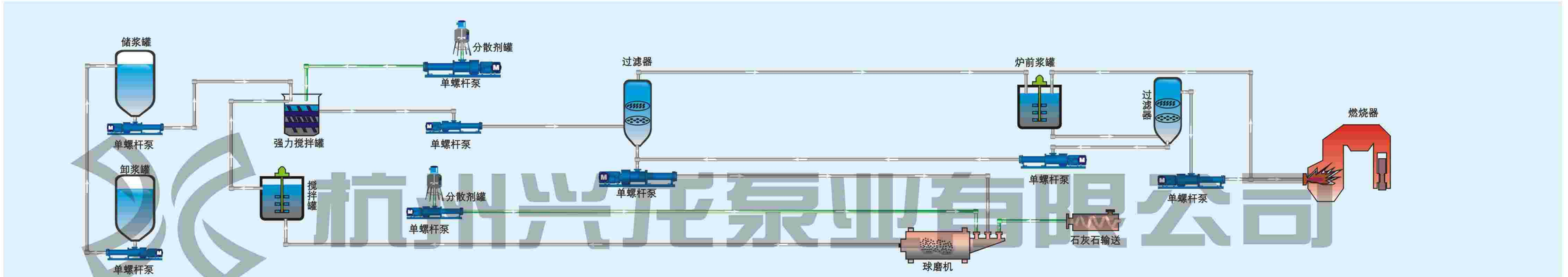


杭州兴龙泵业有限公司

在水煤浆流程中的应用
APPLICATION IN WATER AND COAL SLURRY PROCESSING

水煤浆是在煤粉和水中加入一定量添加剂制成的混合物。水煤浆贮运和应用过程中如处理不当，会产生软沉淀和分层现象，破坏其燃烧特性。单螺杆泵工作时泵腔容积恒定不变，介质在泵内几乎不受搅拌，还有利于浆料的“熟化”，迄今为止仍是水煤浆输送的较理想的型式。

The water and coal slurry is produced by adding a certain amount of additive to the mixture of pulverized coal and water.If it is disposed improperly in the storage and application process,soft precipitation and stratification will happen,the burning character will be destroyed.The pump cavity volume is constant when the single screw pump is working,the media will not be sheared in the process,in addition the slurry will tend to mature through transportation,so this is the ideal method to deliver the water and coal slurry.

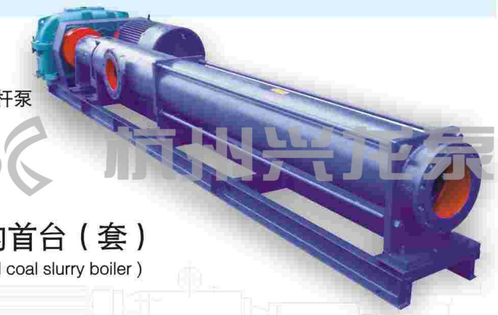


杭州兴龙泵业有限公司

2005年杭州兴龙泵业有限公司与国家水煤浆工程技术研究中心共同建立水煤浆研发中心，并攻克了多项技术难题。

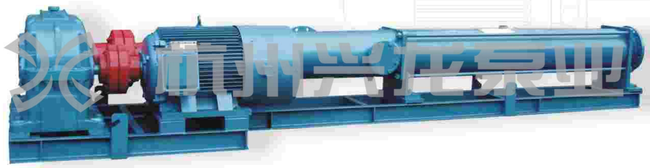
In 2005,Hangzhou Xinglong Pump CO.,LTD and the national water and coal slurry engineering technology research center jointly set up R&D center,have led to the birth of key technologies and facilities.





670T/H 水煤浆锅炉专用单螺杆泵
——喷浆泵 XG135D04JA

670T/H水煤浆锅炉专用单螺杆泵国内首台（套）
Domestic first set(670T/H single screw pump for the water and coal slurry boiler)



670T/H 水煤浆锅炉专用单螺杆泵——流程泵和装卸泵 XG170B02ZA

XG系列泵性能参数 XG Series Performance Data

表列功率为额定压力下的配套电机功率，最大工作压力低于额定压力时，配套功率可适当减小。
The power in the table indicates that of motor under related pressure.When the max pressure<related one,the matching power of motor can be decreased.

泵型号 Model of Pump	额定压力 Reated Pressure	转 速 Speed r/min															
		604		533		467		408		366		324		292		262	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
	Mpa	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW
XG030 XP030	0.6	2	1.1	1.7	1.1	1.4	0.75	1.1	0.75	1	0.55	0.9	0.55	0.8	0.55	0.7	0.55
	1.2	2	2.2	1.8	2.2	1.6	1.5	1.3	1.5	1.2	1.5	1	1.1	0.9	1.1	0.8	1.1
	1.8	2	3	1.8	3	1.6	2.2	1.3	2.2	1.2	2.2	1	1.5	0.9	1.5	0.8	1.5
	2.4	2	4	1.8	4	1.6	3	1.3	3	1.2	3	1	2.2	0.9	2.2	0.8	2.2
XG035 XP035	0.6	3.7	2.2	3.2	1.5	2.8	1.5	2.4	1.5	2.1	1.1	1.8	1.1	1.5	1.1	1.4	0.75
	1.2	3.8	4	3.3	3	2.9	3	2.4	2.2	2.1	2.2	1.8	2.2	1.5	1.5	1.4	1.5
	1.8	3.8	5.5	3.3	5.5	2.9	4	2.4	4	2.1	3	1.8	3	1.5	2.2	1.4	2.2
	2.4	3.8	7.5	3.3	7.5	2.9	5.5	2.4	5.5	2.1	4	1.8	4	1.5	3	1.4	3
XG040 XP040	0.6			6.6	3	5.7	3	4.9	2.2	4.3	2.2	3.8	2.2	3.3	1.5	3	1.5
	1.2			6.6	5.5	5.7	5.5	4.9	4	4.3	4	3.8	4	3.3	3	3	3
	1.8			6.6	7.5	5.7	7.5	4.9	5.5	4.3	5.5	3.8	5.5	3.3	4	3	4
	2.4			6.6	11	5.7	11	4.9	7.5	4.3	7.5	3.8	7.5	3.3	5.5	3	5.5
XG050 XP050	0.6					11.3	5.5	10	4	8.9	4	7.7	4	6.8	3	6	3
	1.2					11.3	11	10	7.5	8.9	7.5	7.7	7.5	6.8	5.5	6	5.5
	1.8					11.3	15	10	11	8.9	11	7.7	11	6.8	11	6	7.5
	2.4					11.3	18.5	10	15	8.9	15	7.7	15	6.8	11	6	11
XG060 XP060	0.6									13.2	5.5	11.6	5.5	10.2	4	8.9	4
	1.2									13.2	11	11.6	11	10.2	11	9	7.5
	1.8									13.2	15	11.6	15	10.2	15	9	11
	2.4									13.2	18.5	11.6	18.5	10.2	15	9	15
XG070 XP070	0.6											16.1	7.5	14.1	5.5	12.3	5.5
	1.2											16.5	15	14.6	11	13.2	11
	1.8											16.5	18.5	14.6	18.5	13.2	15
	2.4											16.5	22	14.6	22	13.2	18.5
XG085 XP085	0.6													30	11	27	11
	1.2													30	18.5	27	18.5
	1.8													30	30	27	30
	2.4													30	37	27	37
XG105	0.6															53	18.5
	1.2															55	37
	1.8																
	2.4																
XG135	0.6																
	1.2																
	1.8																
	2.4																
XG150	0.6																
	1.2																
	1.8																
	2.4																
XG170	0.6																
	1.2																
XG220	0.6																
	1.2																

泵型号 Model of Pump	额定压力 Reated Pressure	转 速 Speed r/min															
		238		196		156		137		110		88		70		56	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
	Mpa	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW
XG030 XP030	0.6	0.6	0.55	0.5	0.55	0.4	0.55	0.3	0.55								
	1.2	0.7	0.75	0.6	0.75	0.5	0.55	0.4	0.55								
	1.8	0.7	1.1	0.6	1.1	0.5	1.1	0.4	0.75								
	2.4	0.7	1.5	0.6	1.5	0.5	1.1	0.4	1.1								
XG035 XP035	0.6	1.2	0.75	1	0.55	0.8	0.55	0.7	0.55								
	1.2	1.2	1.5	1	1.1	0.8	1.1	0.7	0.75								
	1.8	1.2	2.2	1	2.2	0.9	1.5	0.7	1.5								
	2.4	1.2	3	1	2.2	0.9	2.2	0.7	2.2								
XG040 XP040	0.6	2.6	1.5	2.1	1.1	1.9	1.1	1.3	0.75	1	0.55						
	1.2	2.6	3	2.1	2.2	1.9	2.2	1.3	1.5	1	1.1						
	1.8	2.6	4	2.1	3	1.9	3	1.3	2.2	1	1.5						
	2.4	2.6	5.5	2.1	4	1.9	4	1.3	3	1	2.2						
XG050 XP050	0.6	5.3	3	4.3	2.2	3.7	2.2	2.6	1.5	2	1.1						
	1.2	5.3	5.5	4.3	4	3.7	4	2.6	3	2	2.2						
	1.8	5.3	7.5	4.3	5.5	3.7	5.5	2.6	4	2	3						
	2.4	5.3	11	4.3	7.5	3.7	7.5	2.6	5.5	2	4						
XG060 XP060	0.6	8	4	6.5	3	5.2	3	3.8	2.2	3	1.5						
	1.2	8	7.5	6.5	5.5	6	5.5	4.2	4	3.2	3						
	1.8	8	11	6.5	11	6	11	4.2	5.5	3.2	5.5						
	2.4	8	15	6.5	11	6	11	4.2	7.5	3.2	7.5						
XG070 XP070	0.6	11	5.5	9	4	7.2	3	5.4	2.2	4.2	2.2						
	1.2	11.8	11	9.6	7.5	8.5	7.5	6.3	5.5	4.6	4						
	1.8	11.8	15	9.6	11	8.5	11	6.3	7.5	4.6	5.5						
	2.4	11.8	18.5	9.6	15	8.5	15	6.3	11	4.6	11						
XG085 XP085	0.6	24	7.5	20	7.5	15.8	5.5	13.7	5.5	11	4						
	1.2	24	15	20	15	15.8	11	13.7	11	11	7.5						
	1.8	24	22	20	18.5	15.8	15	13.7	15	11	11						
	2.4	24	30	20	30	15.8	22	13.7	18.5	11	15						
XG105	0.6	47	15	37	15	29	11	25.8	11	20	7.5	16	7.5	12.5	7.5		
	1.2	50	30	41	30	32	22	28	18.5	22	15	18	15	13	11		
	1.8	50	55	41	45	32	37	28	30	22	22	18	18.5	13	15		
	2.4	50	75	41	55	32	45	28	37	22	30	18	30	13	30		
XG135	0.6			83	30	65	22	57	18.5	45	15	35	11	26	11	19	11
	1.2			85	55	67	45	58	37	46	30	36	22	28	18.5	22	18.5
	1.8			85	90	67	75	58	55	46	45	36	37	28	30	22	22
	2.4			85	110	67	90	58	75	46	55	36	45	28	37	22	37
XG150	0.6			134	45	105	37	91	30	72	30	57	22	45	15	34	15
	1.2			146	90	113	75	100	75	79	55	63	45	49	37	39	30
	1.8			146	132	113	132	100	110	79	75	63	75	49	55	39	45
	2.4					113	160	100	132	79	110	63	90	49	75	39	55
XG170	0.6					166	55	144	55	114	37	90	30	71	30	55	18.5
	1.2					176	110	157	110	120	75	95	75	75	55	59	37
XG220	0.6					378	132	328	110	261	90	207	75	162	75	128	55
	1.2					400	250	340	220	281	200	222	160	174	132	139	110

杭州兴龙泵业有限公司

泵性能参数
Performance Data

表列功率为额定压力下的配套电机功率，最大工作压力低于额定压力时，配套功率可适当减小。

The power in the table indicates that of motor under related pressure.When the max pressure<related one, the matching power of motor can be decreased.

XL系列(长导程泵)

泵型号 Model of Pump	额定压力 Reated Pressure	转 速 Speed r/min															
		604		533		467		408		366		324		292		262	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
	Mpa	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW
XL001	0.6	1.8	0.75	1.6	0.75	1.3	0.75	1.2	0.55	1	0.55	0.8	0.55	0.7	0.55	0.6	0.55
XL002	0.6	4	2.2	3.6	2.2	3.1	1.5	2.6	1.5	2.2	1.1	1.9	1.1	1.6	1.1	1.4	0.75
XL005	0.6			10.5	5.5	8.9	5.5	7.6	4	6.7	4	5.7	3	5	3	4.3	2.2
XL008	0.6			17	7.5	15	7.5	12.7	5.5	11.3	5.5	9.5	5.5	8.3	4	7.4	4
XL014	0.6					28	11	23	11	21	11	18	7.5	16	7.5	14	7.5
XL024	0.6					47	18.5	40	15	35	15	31	11	27	11	24	11
XL041	0.6									65	18.5	57	15	51	15	45	11
XL047	0.6									70	18.5	61	15	54	15	46	15
XL069	0.6									107	37	94	37	82	30	72	30
XL115	0.6													160	45	141	37
XL168	0.6															214	55

XL Series(Long Lead Pump)

泵型号 Model of Pump	额定压力 Reated Pressure	转 速 Speed r/min															
		238		196		156		137		110		88		70		56	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
	Mpa	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW
XL001	0.6																
XL002	0.6																
XL005	0.6	3.7	2.2														
XL008	0.6	6.5	3	5	3												
XL014	0.6	12	5.5	10	5.5	7.3	4										
XL024	0.6	21	11	17	7.5	13	5.5	11	4								
XL041	0.6	39	11	31	11	24	7.5	21	5.5	17	5.5						
XL047	0.6	42	11	34	11	27	7.5	24	7.5	18	7.5						
XL069	0.6	64	22	52	18.5	42	15	37	15	28	11	22	11				
XL115	0.6	127	37	103	30	82	30	72	22	58	18.5	45	15	36	15	28	11
XL168	0.6	192	55	156	45	123	37	107	30	85	30	68	22	54	18.5	43	15

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XG500系列(微型计量泵)

泵型号 Model of Pump	额定压力 Reated Pressure	转 速 Speed r/min															
		1400		1200		1000		900		790		690		604		533	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
	Mpa	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW
XG501	1.2	0.10	0.25	0.09	0.25	0.07	0.25	0.06	0.25	0.05	0.25	0.04	0.25	0.04	0.25	0.03	0.25
XG502	1.2	0.28	0.25	0.24	0.25	0.19	0.25	0.17	0.25	0.14	0.25	0.12	0.25	0.10	0.25	0.09	0.25
XG502.1	1.2	0.7	0.25	0.6	0.25	0.5	0.25	0.43	0.25	0.36	0.25	0.3	0.25	0.25	0.25	0.22	0.25
XG503	1.2	1.3	0.25	1.1	0.25	1.0	0.25	0.8	0.25	0.7	0.25	0.6	0.25	0.5	0.25	0.4	0.25
XG504	1.2	3.6	0.25	3.1	0.25	2.5	0.25	2.2	0.25	1.9	0.25	1.7	0.25	1.4	0.25	1.2	0.25
XG505	1.2	6.4	0.37	5.4	0.37	4.5	0.37	4.1	0.37	3.6	0.37	3.1	0.37	2.7	0.37	2.4	0.37
XG515	0.6	19.9	0.75	17.1	0.75	13.8	0.75	12.1	0.75	10.3	0.75	8.7	0.55	7.3	0.55	6.5	0.55
	1.2	19.4	1.1	16.6	1.1	13.7	1.1	12.1	1.1	10.5	0.75	9.1	0.75	7.8	0.75	6.9	0.75
	1.8	19.4	1.5	16.6	1.5	13.7	1.5	12.1	1.5	10.5	1.5	9.1	1.1	7.8	1.1	6.9	1.1
	2.4	19.4	2.2	16.6	2.2	13.7	2.2	12.1	2.2	10.5	1.5	9.1	1.5	7.8	1.5	6.9	1.5
XG520	0.6	54.3	1.5	46.4	1.5	36.6	1.5	31.1	1.1	25.5	1.1	20.8	0.75	16.9	0.75	14.9	0.75
	1.2	47.4	2.2	46.6	2.2	32.6	2.2	28.3	2.2	23.8	1.5	20.0	1.5	16.7	1.1	14.8	1.1
	1.8	47.4	4	46.6	3	32.6	3	28.3	2.2	23.8	2.2	20.0	2.2	16.7	2.2	14.8	1.5
	2.4	47.4	5.5	46.6	4	32.6	4	28.3	3	23.8	3	20.0	3	16.7	2.2	14.8	2.2

XG500 Series(Micro–metering Pump)

泵型号 Model of Pump	额定压力 Reated Pressure	转 速 Speed r/min															
		467		408		366		324		292		262		238			
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
	Mpa	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW
XG501	1.2	0.03	0.25	0.02	0.25	0.02	0.25										
XG502	1.2	0.07	0.25	0.06	0.25	0.05	0.25										
XG502.1	1.2	0.19	0.25	0.16	0.25	0.13	0.25										
XG503	1.2	0.39	0.25	0.3	0.25	0.29	0.25										
XG504	1.2	1.1	0.25	0.96	0.25	0.85	0.25										
XG505	1.2	2.1	0.37	1.8	0.37	1.6	0.37										
XG515	0.6	5.5	0.55	4.6	0.55	4.0	0.55	3.4	0.55	2.9	0.55						
	1.2	5.9	0.75	5.1	0.55	4.6	0.55	4.0	0.55	3.5	0.55						
	1.8	5.9	1.1	5.1	1.1	4.6	0.75	4.0	0.75	3.5	0.75						
	2.4	5.9	1.5	5.1	1.1	4.6	1.1	4.0	1.1	3.5	0.75						
XG520	0.6	12.1	0.75	9.7	0.55	7.9	0.55	6.3	0.55	5.0	0.55	4.0	0.55	3.1	0.55		
	1.2	12.4	1.1	10.3	0.75	8.8	0.75	7.4	0.75	6.3	0.75	5.3	0.55	4.5	0.55		
	1.8	12.4	1.5	10.3	1.1	8.8	1.1	7.4	1.1	6.3	1.1	5.3	0.75	4.5	0.75		
	2.4	12.4	1.5	10.3	1.5	8.8	1.5	7.4	1.1	6.3	1.1	5.3	0.75	4.5	0.75		