



泥浆固控专家

Mud Solids Control Specialist



■ 石油&天然气钻井

Oil & Gas Drilling

■ 钻井废弃物&煤层气

Drilling Waste & CBM

■ 定向穿越&盾构

HDD & Underground

■ 采矿&环保

Mining & Environment

西安弘鼎能源科技有限公司

XI'AN HONDIN ENERGY TECHNOLOGY CO.,LTD

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西安弘鼎能源科技有限公司(简称：弘鼎能源)是一家集研发、生产、销售、服务以及物流配送于一体的泥浆和污水净化处理成套系统专业企业。主要系统包含：固控系统、泥浆净化系统、钻井废弃物处理系统、污油泥处理系统、压裂返排液处理系统、措施废液处理系统、采矿与地质分离系统等。

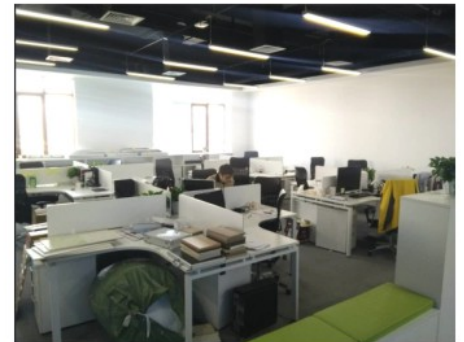
Xi'an Hondin Energy Technology Co., Ltd. is a professional manufacturer integrating R&D, production, sales, service, logistics and distribution of complete sets of mud and sewage cleaning treatment systems. The main systems include: solid control system, mud cleaning system, drilling waste treatment system, dirty oily sludge treatment system, fracturing flowback fluid treatment system, measure waste liquid treatment system, mining and geological separation system and so on.

- ★ 公司具有优秀的管理团队，先进的制造设备，高效的响应速度。
- ★ 确保每一件产品的出厂都经过严苛的检验。
- ★ 产品已出口多个国家和地区。
- ★ 与石油及天然气钻井、地质、地勘、定向穿越、盾构、采矿及环保等领域的众多客户长期保持良好的合作关系。
- ★ HONDIN has excellent management team, advanced manufacturing equipment, highly efficient response speed.
- ★ To ensure that each product is manufactured through a rigorous inspection.
- ★ Our products have been exported to many countries and regions.
- ★ HONDIN have a good relationships with many customers in oil & gas drilling, geology, geological exploration, HDD & underground, mining & environmental protection.

我们的团队/Our team



我们的办公室/Our office



工作间/Workshop



统一社会信用代码
916101323219576554

名称 西安弘鼎能源科技有限公司
类型 有限责任公司(自然人投资或控股)
法定代表人 陈如君

注册资本 壹仟贰佰万元人民币
成立日期 2015年01月04日
住所 陕西省西安市高新区泾高南路462号

经营范围 一般项目:石油钻采专用设备制造;石油钻采专用设备销售;实验室专用机械设备的制造;机械设备的研发;技术服务、技术开发、技术咨询、技术交流、技术转让、技术推广;机械设备租赁;租赁服务(不含许可类租赁服务)。(除依法须经批准的项目外,凭营业执照依法自主开展经营活动)

登记机关: 西安市市场监督管理局
2023年07月17日

**安全生产标准化
Work Safety Standardization
证书
CERTIFICATE**

证书编号: 陕-西AQBXX III 202000029

**西安弘鼎能源科技有限公司
安全生产标准化三级企业
(机械)**

有效期至: 2023年09月

西安安全标准化协会
2020年09月01日

国家安全生产监督管理局监制
State Administration of Work Safety

JBQC 建标认证
Occupational Health Safety Management System Certificate
Certificate No.: JBQC37220002005

西安弘鼎能源科技有限公司

统一社会信用代码: 916101323219576554
注册地址: 462 Jinggao South Road, Gaoqing District, Xi'an City, Shaanxi Province, Zip code: 710000
办公地址: 462 Jinggao South Road, Gaoqing District, Xi'an City, Shaanxi Province, Zip code: 710000
联系地址: 462 Jinggao South Road, Gaoqing District, Xi'an City, Shaanxi Province, Zip code: 710000

The Occupational Health and Safety Management System Conforms To **GB/T45001-2020 idt ISO45001:2018**

The scope covered by the system certification:
Occupational health and safety management activities involved in the sales of fracturing backflow fluid treatment system equipment, water treatment system equipment, mud treatment system equipment, mud purification and non-landing system equipment.

初次发证日期: 2023年1月10日 | 签发日期: 2023年1月10日 | 有效期至: 2026年1月10日

JBQC 建标认证
环境管理体系认证证书
Certificate No.: JBQC37220002005

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联系地址: 陕西省西安市高新区泾高南路462号 邮编: 710000

环境管理体系符合 **GB/T24001-2016 idt ISO14001:2015 标准**

该体系认证所覆盖的范围:
环境管理体系的策划、实施、运行、维护、监测、评审、改进、不符合项的纠正、预防措施和持续改进的环境管理体系

初次发证日期: 2023年1月10日 | 签发日期: 2023年1月10日 | 有效期至: 2026年1月10日

JBQC 建标认证
职业健康安全管理体系认证证书
Certificate No.: JBQC37220002005

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职业健康安全管理体系符合 **GB/T45001-2020 idt ISO45001:2018 标准**

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职业健康安全管理体系的策划、实施、运行、维护、监测、评审、改进、不符合项的纠正、预防措施和持续改进的职业健康安全管理体系

初次发证日期: 2023年1月10日 | 签发日期: 2023年1月10日 | 有效期至: 2026年1月10日

JBQC 建标认证
质量管理体系认证证书
Certificate No.: JBQC37220002005

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联系地址: 陕西省西安市高新区泾高南路462号 邮编: 710000

质量管理体系符合 **GB/T19001-2016 idt ISO9001:2015 标准**

该体系认证所覆盖的范围:
质量管理体系的策划、实施、运行、维护、监测、评审、改进、不符合项的纠正、预防措施和持续改进的质量管理体系

初次发证日期: 2023年1月10日 | 签发日期: 2023年1月10日 | 有效期至: 2026年1月10日

JBQC 建标认证
Quality Management System Certificate
Certificate No.: JBQC37220002005

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The Quality Management System Conforms To **GB/T19001-2016 idt ISO9001:2015**

The scope covered by the system certification:
Sales of fracturing backflow fluid treatment system equipment, water treatment system equipment, mud treatment system equipment, mud purification and non-landing system equipment.

初次发证日期: 2023年1月10日 | 签发日期: 2023年1月10日 | 有效期至: 2026年1月10日

JBQC 建标认证
Environmental Management System Certificate
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The Environmental Management System Conforms To **GB/T24001-2016 idt ISO14001:2015**

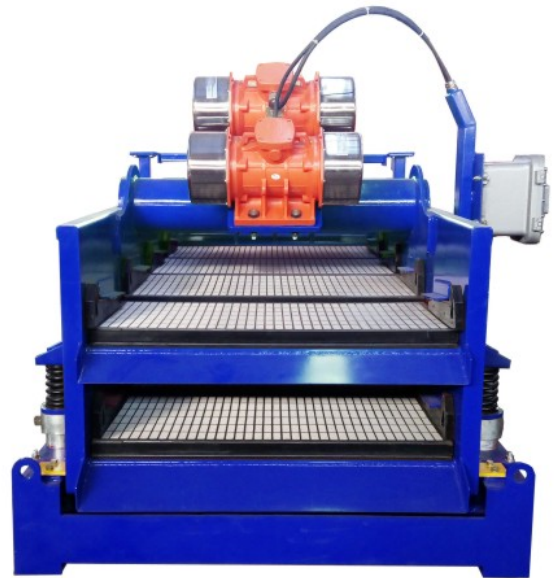
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振动筛/Shale Shaker

振动筛是钻井泥浆固控系统的第一级固控设备，也是钻井泥浆系统中最重要固控设备，从设备数量上分：单筛、双联筛、三联筛、五联筛；从筛网层数分：单层、双层、三层；从运行轨迹分：高频直线、平动椭圆、复合轨迹振动筛。

The shale shaker is the first class solids control equipment in the drilling mud system, and also the core equipment for the solids control system, from the number of equipment: single shale shaker, dual tandem shaker, triple tandem shaker, quintuple tandem shaker; from the number of screen decks: single deck, double deck, three decks; from the running track: high frequency cyliner, flat elliptic, composite trajectory shake shaker.



■ 双层振动筛
Double Deck Shaker

弘鼎能源所生产的高频振动筛系列产品具有如下特点：

HONDIN series high frequency shale shakers with the following features:

- 筛分效果好，使用寿命长，易维护保养
Good screening effect, long service life, easy maintenance
- 采用ANSYS有限元分析，优化结构设计
Adopt ANSYS limited element analysis to optimize structure
- 采用SS304 或Q345 高强度合金材料
Adopt SS304 or Q345 high-strength alloy material
- 筛箱整机热处理
Heat treatment for the shaker basket
- 表面重防腐涂层
Surface heavy duty anti-corrosion coating
- 可选马丁、欧力、卓尔能、国产等品牌的振动电机
Vibration motor from Martin/Oli/Drennan/domestic brands



■ 长电机振动筛
Long Motor Shaker

性能参数/Parameter

型号Model	HDZS584	HDZS583
振动轨迹 Vibrating Mode	直线振动 Linear Motion	直线振动 Linear Motion
电机功率 Motor Power	2×1.72 /1.865/2.2Kw	2×1.5/1.72/1.865Kw
振动强度G-force	≤7.8G(Adjustable)	≤7.8G(Adjustable)
双振幅 Double Amplitude	6.0 ~ 7.2mm	6.0~7.2mm
处理量 Treating Capacity	113~136m ³ /h(500~600GPM)	100~120m ³ /h(400~500GPM)
筛箱调节角度 Deck Adjustment	-1° ~5°	-1° ~5°
常用电制 Normal Power	380V/50Hz, 460V/60Hz Or Customized	380V/50Hz, 460V/60HzOr Customized
筛网面积 Screen Area	2.72m ²	2.04m ²
筛网数量 Screens of Deck	4 panel	3panel
围堰高度 Weir Height	750mm	750mm
启动器 Starter	磁力启动器 Magnetic starter	磁力启动器 Magnetic starter
振动噪音 Decibels	<85db	<85db
重量 Weight	1680kg	1600kg
尺寸 Dimension	2920×1780×1450mm	2345×1780×1500mm
备注 Remarks	处理量在泥浆密度: 1.2g/cm ³ , 粘度45s筛网40mesh测得 Treating capacity test from mud:1.2g/cm ³ density & viscosity45s & screen40mesh	



■ 双轨迹振动筛
Double Motion Shaker



■ 直线振动筛
Linear Motion Shaker

真空除气器/Vacuum Degasser

ZCQ系列真空除气器是一种用于处理气侵钻井液的专用设备，可快速去除浸入到钻井液中的各种气体，对于恢复泥浆比重、稳定泥浆性能有很重要的作用。同时还可作为大功率搅拌机使用，适用于各类泥浆循环净化系统的配套。

ZCQ series vacuum degasser is a special equipment to get rid of invaded gas, can wipe off the invaded gas soon, and play an important role in recalling drilling mud proportion, keeping mud performance. At the same time, it can also be an agitator with big power, suitable for variable kinds of drilling fluids purification systems.

性能参数/Parameter

型号 Model	ZCQ240-40	ZCQ270-48	ZCQ300-90	ZCQ360-180
主体直径 Tank diameter	700mm	800mm	900mm	1000mm
处理量 Capacity	≤240m ³ /h	≤270m ³ /h	≤300m ³ /h	≤360m ³ /h
真空度 Vacuum Degree	0.020~0.045Mpa	0.030~0.050Mpa	0.035~0.055Mpa	0.040~0.065Mpa
传比真空度 Ratio	1.67	1.68	1.68	1.72
除气效率 Efficiency	≥95%	≥95%	≥95%	≥95%
主机功率 Main Motor power	15Kw	22Kw	30Kw	37Kw
泵功率 Pump Motor Power	2.2Kw	3Kw	4Kw	5.5Kw
轮转速 Rotary speed	876 r/min	880 r/min	876 r/min	880 r/min
外形尺寸 Dimension	1790×1100×1550	2000×1000×1670	2210×1120×1550	2400×1500×1850
重量 Weight	1210kg	1350kg	1650kg	1800kg



■真空除气器
ZCQ Vacuum Degasser

泥浆清洁器/ Mud Cleaner

弘鼎能源泥浆清洁器是处理钻井液的二、三级固控设备，将一组除砂旋流器、除泥旋流器和一台底流筛合三为一，其结构设计紧凑、占用空间小、功能强大，是钻井液进行二、三级固相控制的理想设备。

Hondin mud cleaner is the second and third-class solids control equipment to deal with drilling fluids, combined desander cyclone, desilter cyclone, and an underset shale shaker together. Its structure is compressed, small in size with powerful, and is the ideal choice in second and third-class solids control equipment.

性能参数/Parameter

型号 Model	SMC240	QJZS210	QJZS316
处理量 Treating Capacity	240m ³ /h	240m ³ /h	360m ³ /h
除泥旋流器 Desilter Cones	双旋流16×100mm/16×4in	10×100mm/10×4in	16×100mm/16×4in
除砂旋流器 Desander Cones	2×300mm/2×12in	2×250mm/2×10in	3×300mm/3×12in
振动轨迹 Vibrating Mode	直线振动 Linear Motion		
底流筛型号 Matching Shaker	HDZS584	HDZS583	HDZS584
底流筛电机 Shaker Motor	2×1.72/1.865/2.2Kw	2×1.5/1.72/1.865Kw	2×1.72/1.865/2.2Kw
筛网面积 Screen Area	2.73m ²	2.04m ²	2.73m ²
筛网数量 Screens of Deck	4 panel	3 panel	4 panel
备注 Remarks	4寸旋流器每个15~20m ³ /h, 10寸90~120m ³ /h Each 4" Cones=50-75GPM, 10" Cone=400~528GPM		



■ 直线泥浆清洁器
Linear Motion Mud Cleaner

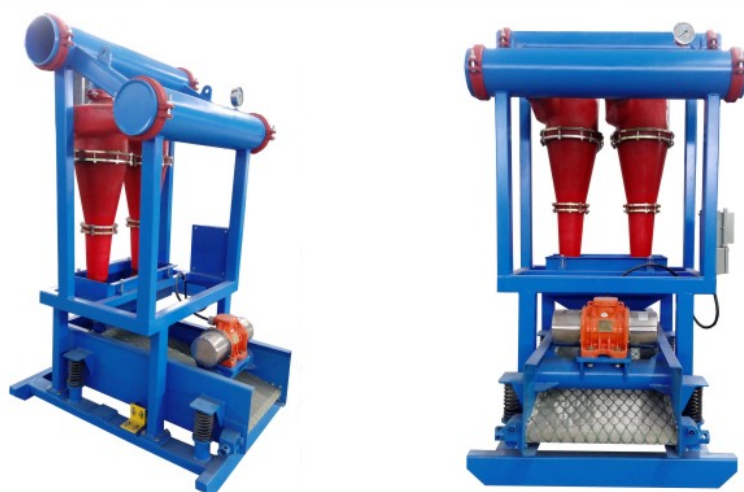
除砂器/Desander

LCS系列除砂器是钻井作业中处理钻井液的二级固控设备，常用的是8"、10"和12"旋流器组，主要用于分离钻井液中粒度为47-76 μ m的固相颗粒。根据客户处理量的大小，选择几组旋流器合成除砂器。

LCS series desander is the second class solids control equipments in well drilling, the general cones are 8", 10", and 12". mainly separate 47~76 μ m particle out. According to clients' treating capacity requirements, choose use how many cones.

性能参数/Parameter

型号 Model	LCS250 \times 2	LCS300 \times 2
处理量 Capacity	$\leq 240\text{m}^3/\text{h}$ / $\leq 1056\text{GPM}$	$\leq 300\text{m}^3/\text{h}$ / $\leq 1320\text{GPM}$
旋流器大小 Cone Size	250mm/10"	300mm/12"
旋流器数量 Cone Number	2个旋流器，订单时请注明旋流器数量 1/2/3 Cones, Specify cones No. when ordering	
工作压力 Working Pressure	0.21~0.4Mpa	0.21~0.4Mpa
匹配砂泵 Matching Pump	37kw / 55kw	55kw / 75kw
进液管口径 Inlet Size	150mm	150mm
排液管口径 Outlet Size	200mm	200mm
分离粒度 Separation size	47-76 μ m	47-76 μ m



■ 除砂器
Desander

除泥器/Desilter

CNQ 系列除泥器是钻井作业中处理钻井液的三级固控设备，常用的是4"、5"和6"旋流器组，主要用于分离钻井液中粒度为15-47 μ m 的固相颗粒。根据客户处理量的大小，选择几组旋流器合成除泥器。

CNQ series desilter is the third class solids control equipments in well drilling, the usual cones are 4", 5", and 6". Used to separate 15~47 μ m particle out. According to clients' treating capacity requirements, choose use how many cones.

性能参数/Parameter

型号 Model	CNQ100×8	CNQ100×10
处理量 Capacity	≤200 m ³ /h /≤880 GPM	≤240 m ³ /h/≤1056 GPM
旋流器大小 Cone Size	4" (每个旋流器处理量约15~20m ³ /h Each 4" Cones=50-75GPM)	
旋流器数量 Cone Number	2个~16个，请注明旋流器数量 Specify cones No. when ordering	
工作压力 Working Pressure	0.25~0.4Mpa	0.25~0.4Mpa
匹配砂泵 Matching Pump	37kw/45kw	45kw/55kw
进液管口径 Inlet Size	150mm	150mm
排液管口径 Outlet Size	200mm	200mm
分离粒度 Separation Size	15-47 μ m	15-47 μ m

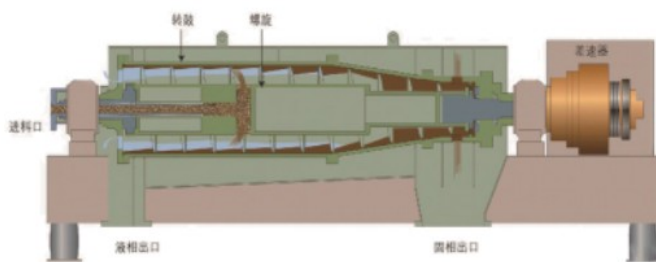


■ 除泥器
Desilter

离心机/Decanter Centrifuge

LW 系列离心机是钻井作业中处理钻井液的四级固控设备，是利用离心沉降原理对悬浮液进行分离，根据转速不同分为中速离心机、高速离心机和高速变频离心机，主要分离钻井液中粒度为 $2-7\mu\text{m}$ 的固相颗粒。

LW series decanting centrifuge is the fourth class solids control equipment in well drilling solids control. Using the decanter principle to separate suspension liquid. According to rotary speed can be called middle-speed decanting centrifuge, high-speed decanting centrifuge, and high-speed variable frequency decanting centrifuge, mainly separating $2\sim 7\mu\text{m}$ particles out from drilling fluids.

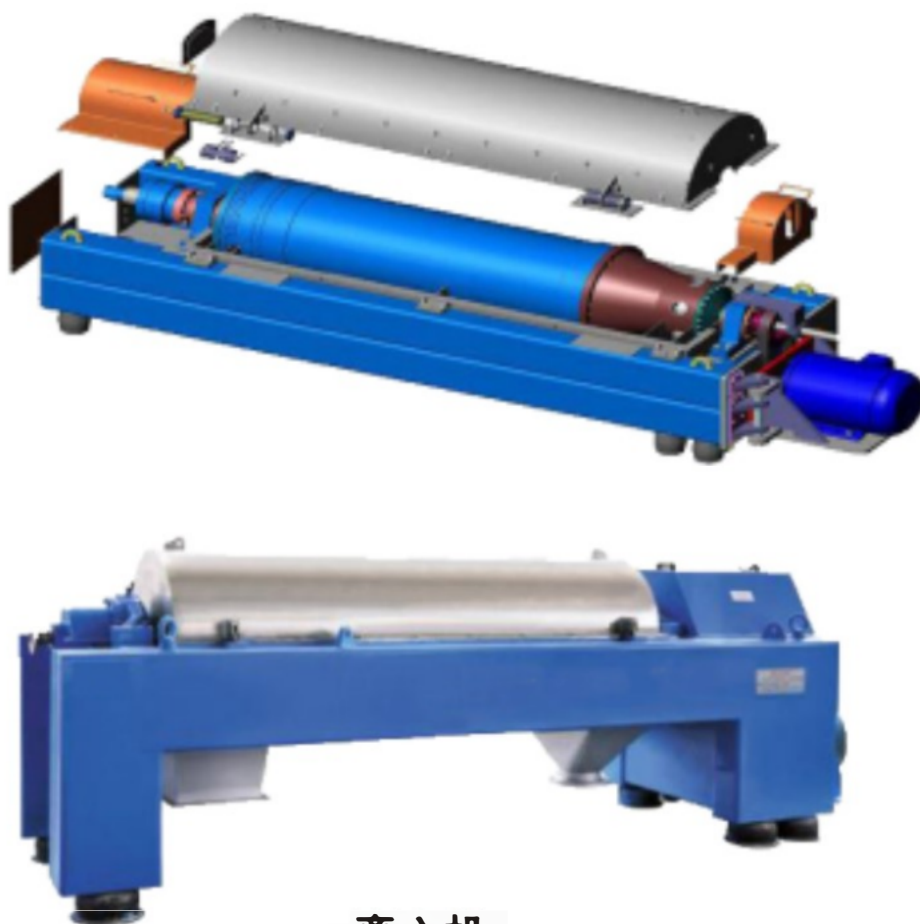


离心机特点 Features and Advantages

- 主机材料用SS304/SS316/ SS2205不锈钢
The main body made from stainless steel:SS304/SS316/SS2205
- 螺旋推进器用不锈钢并且有耐磨合金涂层
The screw propeller made from stainless steel coated with tungsten carbon alloy
- 卸料口用耐磨合金环或耐磨合金强度涂层保护
Discharge port protected by tungsten carbon alloy ring or coating
- 轴承用德国进口FAG/SKF 轴承
German FAG/SKF Brand Bearings
- 电气元件用：西门子/施耐德/正泰
Electrical Components：SIEMENS/Schneider/CHINT

性能参数/Parameter

型号 Model	LW450×1000N	LWG355×1250N	LWG-VFD355×1250N
转鼓直径 Bowl Diameter	450mm	355mm	355mm
转鼓长度 Bowl Length	1000mm	1250mm	1250mm
转鼓转速 Rotary Speed	1800r/min	2200/3300r/min	0~3300r/min(VFD)
分离因数 G-Force	815	2035	2035(M ax)
分离点 Separation Point	5~7 μm	2~5 μm	2~5 μm
主电机功率 Main Drive	30Kw-4p	30Kw-4p	37Kw-4p
辅电机功率 Back Drive	7.5Kw-4p	7.5Kw-4p	7.5Kw-4p
最大处理量 Max Capacity	≤60m ³ /h	≤40m ³ /h	≤40m ³ /h
重量 Weight	2700Kg	2950Kg	3000Kg
外形尺寸 Dimension	2600×1860×1750mm	2900×1850×1750mm	2900×1950×1750mm



■离心机
Decanter Centrifuge

射流混浆装置/Jet Mud Mixer

射流混浆装置是与石油钻井固控设备配套使用的一种设备，主要用于配置和加重钻井液，改变钻井液的密度、粘度、失水等，与剪切泵配套使用效果更突出，同时也可以根据用户的要求做成双联射流混浆装置。

Jet mud mixer matched with well drilling solids control equipments, mainly used in weighting drilling mud, changing the density, viscosity, water lose, etc. if it is used with shearing pump together, the effect will be more excellent, it can be designed double jet mud mixer according to client' requirements.

性能参数/Parameter

型号 Model	SLH150-50	SLH150-40	SLH150-35	SLH100-30
匹配砂泵 Matching Pump	SB8×6-13	SB6×5-13	SB5×4-13	SB4×3-11
配套功率 Power	55Kw	45Kw	30Kw	15Kw
处理量 Capacity	240m ³ /h	180m ³ /h	120m ³ /h	60m ³ /h
工作压力 Working Pressure	0.25~0.40Mpa	0.25~0.40Mpa	0.25~0.40Mpa	0.25~0.40Mpa
进口口径 Inlet	150mm	150mm	150mm	100mm
滴流嘴口径 Nozzle Caliber	50mm	40mm	35mm	30mm
漏斗尺寸 Hopper Diameter	590×590mm	590×590mm	590×590mm	590×590mm
配料速度 Burden Speed	≤100kg/min	≤80kg/min	≤60kg/min	≤40kg/min
配液密度 Density	≤2.8g/cm ³	≤2.4g/cm ³	≤2.0g/cm ³	≤1.5g/cm ³
配液粘度 Viscosity	≤120s	≤120s	≤80s	≤60s



■射流混浆装置
Jet Mud Mixerr

砂泵/Centrifugal Pump

Sb系列砂泵是为除砂器、除泥器、射流混浆装置提供动力的理想配套设备，也可作为泥浆泵辅助灌浆的灌注泵和井口的补给泵。其参数设计充分考虑所配套的设备能在最佳状况下工作，大多数零件可以互换，具有操作维护方便、轴封泄漏量少、工作运行可靠、使用寿命长等优点。

SB series centrifugal pump is an ideal motivity supply for desander, desilter, and jet mud mixer. It can be the assistant pump of the mud pump to be well head feeding pump. The specifications designation takes matched equipment into consideration, to make sure all equipment can work best, almost all parts can be interchanged, which has the advantages of easy operation and maintenance, less leakage of the shaft, reliable operation, and long service life.

性能参数/Parameter

型号	流量	扬程	电机功率	转速	效率
Model	Flow	Lift	Power	Speed	Efficiency
SB8×6-14	320m ³ /h	40m	75Kw	1450r/min	65%
SB8×6-13	290m ³ /h	33m	55Kw	1450r/min	64%
SB8×6-12	270m ³ /h	28m	45kw	1450r/min	64%
SB6×5-14	200m ³ /h	40m	55kw	1450r/min	62%
SB6×5-13	180m ³ /h	34m	45Kw	1450r/min	60%
SB6×5-12	160m ³ /h	30m	30kw	1450r/min	60%
SB6×5-11	200m ³ /h	21m	30Kw	1450r/min	62%
SB6×5-10	180m ³ /h	18.5m	22kw	1450r/min	57%
SB6×5-9	160m ³ /h	12m	15Kw	1450r/min	58%
SB5×4-12	90m ³ /h	30m	22Kw	1450r/min	56%
SB5×4-11	90m ³ /h	24m	18.5kw	1450r/min	56%
SB5×4-10	85m ³ /h	20m	15kw	1450r/min	56%
SB4×3-11	45m ³ /h	24m	11kw	1450r/min	46%
SB3×2-12	23m ³ /h	29m	7.5kw	1450r/min	39%
SB3×2-11	20m ³ /h	23m	5.5Kw	1450r/min	39%



■砂泵
Centifugal Pump

剪切泵/Shear Pump

JQB 系列剪切泵是为用户提供快速配置和处理泥浆的新型设备，能满足用户配置高性能泥浆的要求。该系列剪切泵能够有效混合、充分水化钻井液中所加物料，节省泥浆材料的使用，缩短泥浆配置时间，为钻井过程提供性能良好的泥浆。具备分散，均质，乳化，均浆等多种功能，能有效分散团块凝集物，通用性强。

JQB series shear pump is a new style of equipment for clients to configure and process drilling mud quickly, can meet clients' requirements for configuring high performance drilling mud. This series of shear pumps can mix and hydrate feeding material completely, save raw material also configuration time, and provide good performance mud for the drilling process. It has various functions such as dispersing, homogenizing, emulsifying, etc. It can effectively disperse agglomerates and has strong versatility.

性能参数/Parameter

型号 Model	流量 Flow	扬程 Lift	电机功率 Power	转速 Speed	重量 Weight
JQB6545	150m ³ /h	45m	75Kw	1900r/min	1120kg
JQB6545	120m ³ /h	45m	55Kw	1900r/min	980kg
JQB6535	100m ³ /h	35m	45Kw	1900r/min	800kg

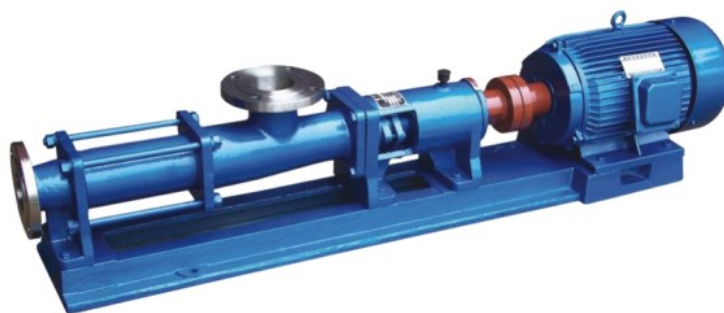


■ 剪切泵
Shear Pump

螺杆泵/Screw Pump

G系列单螺杆泵可作为一种通用泵。该泵运行速度可高可低，除了与钻井液离心机配套使用外，泵的出口额定压力可随泵的级数增加而增加，每增加一级，压力就增加0.6MPa，所以使用范围极广。

G series single screw pump can be act as a universal pump. The rotating speed is adjustable, in addition to being used in conjunction with a decanter centrifuge for drilling fluid. the rated pressure of pump outlet is increasing with the class of the motor, the pressure will increase 0.6Mpa when the motor increase one class, so it is widely used in many fields.



■ 螺杆泵 Screw Pump

- 环境保护：工业污水、生活污水、含有固体颗粒及短纤维的污泥浊水的输送。特别适用于油水分离器、板框压滤机等设备。

Environment protection: waste water of industry and live, mud and sewage, etc.

- 船舶工业：轮底清洗、油水、油渣、油污水等介质的输送。

shipbuilding industry: transfer residue oil, sewage or seawater, etc.

- 采矿工业：矿井内含有固体颗粒的污水、泥浆水等排送到地面。

Mining Industry: transfer oxide or waste water, drain off water, liquid explosive, etc.

- 化学工业：各种悬浮液、油脂、各种胶体浆、各种粘合剂的输送。

Chemical Industry: transfer suspended liquid, emulsion liquid, soda liquid and salt liquid.

- 医药、日化：各种粘稠浆、乳化液、各种软膏化妆品等的输送。
Medical Industry: transfer mucus sticky, emulsified liquid, etc
- 建筑行业：水泥沙浆、石灰浆、涂料及其它糊状体的输送。
Construction Industry : transfer slurry, mortar ,etc.

性能参数/Parameter

型号 Model	流量 Flow (m ³ /h)	压力 Pressure (Mpa)	允许最高转数 Max Speed (t/min)	电机功率 Motor Power (Kw)	汽蚀余量 Necessary NPSH (m)	进口法兰通径 Inlet Flange (mm)	出口法兰通径 Outlet Flange (mm)	允许颗粒直径 Max Particle Allowed (mm)	允许纤维长度 Fibre Length Allowed (mm)
G40-1	12	0.6	960	4	4.5	80	65	3.8	45
G40-2		1.2		5.5					
G50-1	14	0.6	720	5.5					
G50-2		1.2		7.5					
G60-1	22	0.6	720	11					
G60-2		1.2		15					
G70-1	38	0.6	720	11					
G70-2		0.2		18.5					
G85-1	56	0.6	630	15					
G85-2		1.2		30					
G105-1	100	0.6	500	30					
G105-2		1.2		55					
G135-1	150	0.6	400	45					
G135-2		1.2		90					



■ 螺杆泵
Screw Pump

液下渣浆泵/Submersible Slurry Pump

YZS系列液下渣浆泵是立式单级单吸悬臂式结构离心泵，采用耐磨合金铸造而成，可以输送含有较大浓度固体颗粒的介质；因为叶轮、泵壳之间不设轴承，不采用轴封，所以免维护、耐高温，是为除砂器、除泥器、和离心机提供动力的理想配套设备。

YZS series submersible slurry pump is with structure of vertical single stage and single suction overhung centrifugal pump, it is made of abrasion-resistant alloy, it can convey medium with high concentration particles. There is no bearing and gland seal between impeller and pump body, so it is maintenance-free and high temperature resistant, it is ideal equipment to provide impetus for desander, desilter and centrifuge.

性能参数/Parameter

型号 Model	流量 Flow (m ³ /h)	扬程 lift (m)	电机功率 Motor Power (Kw)	转速 Speed (r/min)	效率 Efficiency (%)
50YZS20-18	20	18	3	1450	42
50YZS40-10	40	10.5	4	1450	47
50YZS50-12	60	10.8	5.5	1450	55
80YZS50-20	60	18	7.5	1450	48
80YZS80-20B	80	13.4	7.5	1450	51
80YZS80-20A	90	15	11	1450	51
100YZS100-30A	110	24	18.5	1450	54
100YZS100-30	100	31	22	1450	54
	120	28		1450	56
100YZS160-38B	164	26	30	1450	50
150YZS250-40B	240	24	37	1450	50
150V250-40A	270	30	45	1450	51



■液下渣浆泵
Submersible Slurry Pump

搅拌机/Mud Agitator

WNJ 系列搅拌机采用蜗轮蜗杆式减速传动，具有传递扭矩大、运转平稳、工作可靠等优点。有卧式和立式两种安装方式，常用搅拌机型号为WNJ-5.5、WNJ-7.5、WNJ-11、WNJ-15 和WNJ-22 等五种型号，也可根据用户的要求设计生产。

WNJ series mud agitator adopted turbo and worm gearing-down, it has the merits of larger torque transmission, operation steady, work reliable. It has two kinds of installation methods, horizontal and vertical. Common model is WNJ-5.5、WNJ-7.5、WNJ-11、WNJ-15 and WNJ-22, also we can design and produce according to clients' requirements.

性能参数/Parameter

型号 Model	WNJ-5.5	WNJ-7.5	WNJ-11	WNJ-15	WNJ-22
电机功率 Motor Power	5.5Kw	7.5Kw	11Kw	15Kw	22Kw
叶轮速 Impeller Speed	60/72rpm	60/72 rpm	60/72 rpm	60/72 rpm	60/72 rpm
叶轮直径 Impeller Dia	600mm	750mm	850mm	900mm	1000mm
减速比 Ratio	20:1 / 25:1	20:1 / 25:1	20:1 / 25:1	20:1 / 25:1	20:1 / 25:1
尺寸 (mm) Dimension	870×600×560	906×600×560	1075×650×630	1170×720×685	1265×790×750
电制 Electric Specs	380V/50Hz, 460V/60Hz or Customized				
轴长 Shaft Length	根据罐体内径 According to tank inner depth				
备注 Remarks	防爆 Explosion Proof Motor 带轴稳定器 Shaft Stabilizer Available 叶轮直径可根据客户指定 Impeller Dia Customization Available				



■ 搅拌机
Mud Agitator

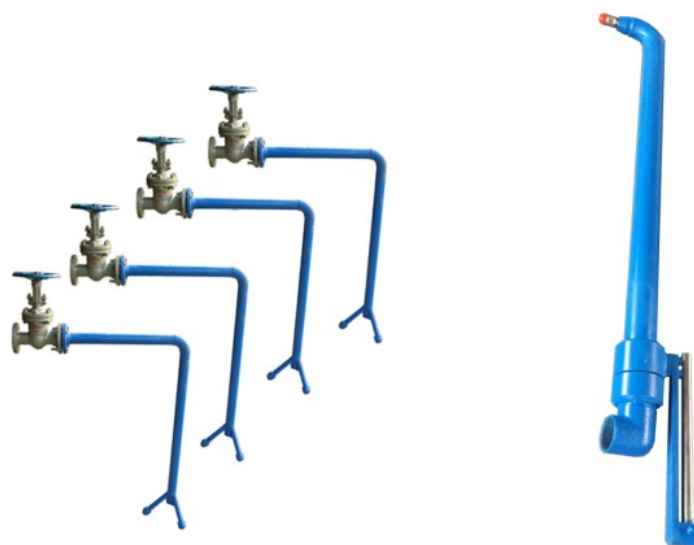
泥浆枪/Mud Gun

NJQ 系列泥浆枪是钻井泥浆的循环系统中防止泥浆沉淀的一种专用工具，泥浆枪的动力来源可以是泥浆泵，也可是射流混浆泵。该设备结构简单、操作灵活、使用方便，是固控系统中理想的泥浆防沉淀设备。

NJQ series mud gun is the professional tool to prevent the mud precipitation in drilling mud circulation system. The impetus of mud gun can come from either mud pump or jet mud mixer. With simple structure, flexible operation, easy using, it is the ideal equipment to prevent the mud precipitation in solids control system.

性能参数/Parameter

型号 Model	NJQ50-3	NJQ80-3
直径 Diameter	2" (φ50)	3" (φ80)
闸阀 Valve ID	50mm	80mm
接口尺寸 Interface size	2"	3"
工作压力 Work pressure	1.0Mpa, 3.5Mpa, 6.4Mpa Optional	
喷头数量 Nozzle number	1~3	1~3
旋转角度 Rotation angle	120°	120°
备注 Remarks	可选择是否旋转 Rotation Optional	



■ 泥浆枪
Mud Gun

液气分离器/Mud Gas Separator

ZYQ 系列液气分离器是处理气侵钻井液的专用设备。发生气侵的钻井液的比重、粘度会产生较大偏离，不能满足钻井要求；严重时将引起井涌、甚至发生井喷事故。液气分离器与点火装置联合使用可及时对气侵钻井液进行有效处理。ZYQ 系列钻井液液气分离器按操作方式分为手动控制和自动控制两种方式。

ZYQ series mud gas separator is the professional equipment to process the gas cut drilling mud. The proportion and viscosity of the gas cut mud will emerge large deviation, it can not meet the requirement of drilling. More seriously, it will result in kick, even blowout accident occurred. Mud gas separator combined with ignition device can be used to process the gas-cut drilling mud effectively and timely. ZYQ series mud gas separator is divided into manual-control and autocontrol according to the operation method.

性能参数/Parameter

型号 Model	ZYQ800	ZYQ1000	ZYQ1200
主体直径 Main body	800mm	1000mm	1200mm
处理量 Capacity	180~260m ³ /h	240~320m ³ /h	260~380m ³ /h
进液管 Inlet Pipe	5"	5"	5"
出液管 Output Pipe	6"	8"	10"
排气管 Gas Discharge Vent	6"	8"	8"
重量 Weight	1600kg	2000kg	2500kg
外形尺寸 Dimensions	1900×1900×5700mm	2000×2000×5860mm	2200×2200×6634mm



■ 液气分离器
Mud Gas Separator

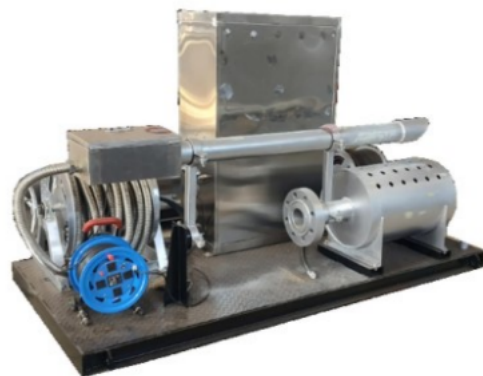
电子点火装置/Flare Ignition Device

YDP型电子点火装置分为液气分离器点火装置和放喷管线点火装置，液气分离器点火装置与液气分离器配合使用，将钻井液中的可燃有害气体点燃焚烧以消除其对环境和安全的危害；放喷管线点火装置可在钻井至高压油气层时点火，将放喷出的可燃有害气体进行点燃焚烧，并且引燃介质可根据客户需求选择柴油，煤气，液化天然气等多种介质。

YDP series ignition device is divided into mud-gas separator ignition device and discharge pipeline ignition device, harmful gas in the drilling fluid will be released by combustion when mud-gas separator ignition device and mud-gas separator used together; Discharge pipeline ignition device ignite in the drilling of high-pressure oil & gas layer, combustibile harmful gases will be ignited to burn, medium can be selected, such as diesel, coal gas, LNG and other media.

性能参数/Parameter

型号 Model	YPD-20/3
燃烧器（火炬） 口径 Nominal diameter of burner (torch)	Dn200mm
燃烧器高度 Burner height	3m
电子点火器电源 Power supply of electric	DC and AC
电子点火器交流输入电压 AC input voltage of electric	220v
电子点火器点火电压 Voltage of electric	11Kv
电子点火器点火频率 Frequency of electric	100~1000 times/minute
电子点火器内置电池型号 Built-in battery of electric	JP-HSE-5-6
引火介质 Ignition medium	LNG/Kerosene/Diesel



■ 电子点火装置
Flare Ignition Device

泥浆罐、水罐和油罐/Mud Tank, Water Tank and Oil Tank

弘鼎公司可根据客户的要求设计和制造FG (方形)型、ZG (锥形)型和YG (圆形)型泥浆罐、水罐和油罐。罐体采用平板或瓦楞结构；罐面、走道及梯子采用专业厂家生产的防滑花纹板或镀锌钢格板；罐面护杆采用方钢管制作，为无障碍可折叠结构，插接牢固；罐面配备清水管线用以清洗罐面及设备；泥浆罐可配置标准防砂棚、防雨棚，罐内可设置蒸气加热管线。

We can design and manufacture mud tank, water tank and oil tank of FG, ZG, YG types according to the customer's requirements. The tank body is structured as a panel or corrugate. the tank, walkway, and stairs are made of skid-proof steel sheet and galvanized steel sheet produced by professional manufacturers; the guard rail is made of square tube, with a barrier-free and folding structure, stable inserting and connecting. There is a water pipeline to clean the tank and equipment; Mud tanks can be equipped with standard sand-proof shed and rain-proof sheds, and steam heating lines can be set up inside the tank.



岩屑甩干机/Vertical Cuttings Dryer(Vertical Centrifuge)

在石油和天然气钻井过程中，深井会用到油基泥浆，对于油基石油钻进过程产生的岩屑不能随意排放。为了响应国家环保要求，公司独立研发了油基岩屑核心处理设备，该设备能够使岩屑含油率大大降低，固相可以用来制造免烧砖及铺设井场路面，液相在通过大长径比离心机处理，最终达到油基液回用的目的，该设备既满足环保要求，又大大节约了成本。

Deep wells will use oil-based mud when oil & gas drilling, the oil-based oil drilling process rock chips can not be discharged. To respond to the national environmental protection requirements, the company independently developed coreprocessing equipment for oil-based rock chips, the equipment can reduce the rock chips' oil content greatly, and the solid phase is used to make no-burn bricks and pave the road of the wells, the liquid phase in the centrifugal machine through the large aspect ratio processing, and ultimately to reuse of the oil-based liquids, the equipment not only meets the requirements of environmental protection, but also saving costs.

型号 Model	HDVC-950
转股最大直径 Max. Diameter Of Drum	950mm
转速 Rotation Speed	820r/min
分离因数 G-Force	360
最大处理量 Max. Capacity	60T/h
处理后含油率 Oil On Cuttings(OOC)	≤5%
主电机 Main Motor Power	55kw(75HP)
筛网规格 Screen Opening	0.015", 0.020"
电器防爆标志 Ex-Mark	ExdⅡBT4/ ExdⅡCT3
电制 Power	380V/50Hz或460V/60Hz
尺寸(长×宽×高) Dimensions (L×W×H)	3820mm×3360mm×5900mm
重量 Weight	8700kg



螺旋输送机/Screw Conveyor

LS螺旋输送机已成为整个生产环节中的重要设备之一。结构先进，适应性强，阻力小、寿命长、维修方便、保护装置齐全是螺旋输送机显著的特点。该设备是泥浆不落地（钻废处理）系统的重要设备。

LS screw conveyor has become one of the important equipment in the whole production process. Advanced structure, strong adaptability, small resistance, long life, easy maintenance, complete protection device is remarkable characteristic of the screw conveyor. This equipment is an important part of the mud non-landing (drilling waste management) system.

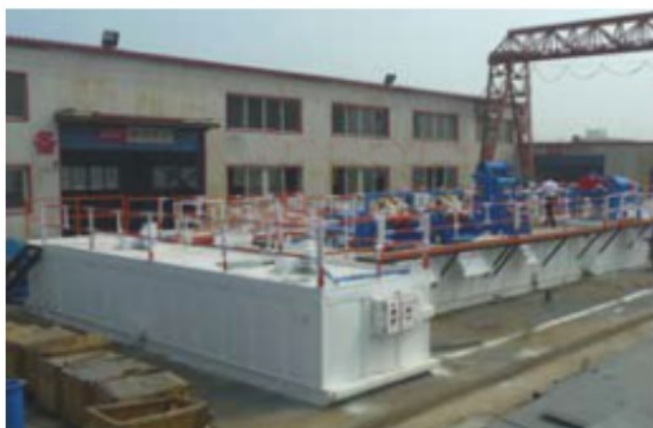
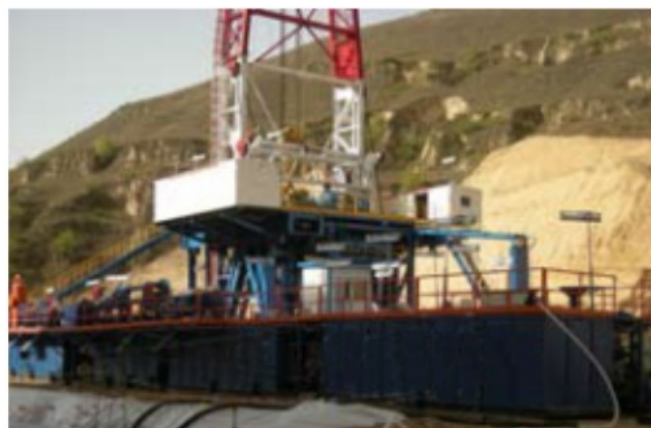
性能参数/Parameter

规格型号 Model		螺旋直径 Screw Diameter mm	螺距 Screw Distance mm	转速 Speed rpm	Standard Volume Capacity 标准体积输送量IV(m ³ /h)		
					φ	φ	φ
					0.45	0.33	0.15
小型 Small	Ls100	100	100	140	3.0	2.2	1.0
	Ls125	125	125	125	5.2	3.8	1.7
	Ls160	160	160	112	9.7	7.1	3.2
	Ls200	200	200	100	16.9	12.4	5.6
中型 Middle	Ls250	250	250	90	29.7	21.8	9.9
	Ls315	315	315	80	52.9	38.8	17.6
	Ls400	400	355	71	85.3	62.5	28.4
大型 Large	Ls500	500	400	63	133.2	97.7	44.4
	Ls630	630	450	50	188.9	138.5	63.0
特大型 Extra Large	Ls800	800	500	40	270.7	198.5	90.2
	LS1000	1000	560	32	379.0	277.9	126.3



■螺旋输送机
Screw Conveyor

石油&天然气钻井——固控系统
Oil& Gas Drilling--Solids Control Equipment and System



定向穿越&盾构——泥浆回收系统
HDD & Underground——Mud Recycling System



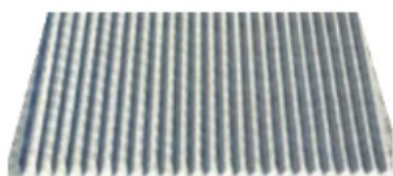
采矿&环保工程——淤泥分离系统
Mining & Environment Protection——Slurry Separation System



煤层气&废旧泥浆处理工程——泥浆净化系统
CBM & Drilling Waste Management——Drilling Mud Cleaning System



弘鼎能源可提供充足的高品质的设备及备品备件
We can supply adequate, high quality equipment and spare parts.



板式波浪网
Brand Pyramid Frame Screen



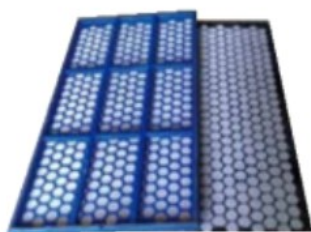
德瑞克FLC2000型平板筛网
Derrick FLC 2000 Flat Screen



德瑞克FLC2000型波浪筛网
Derrick FLC 2000 Pyramid Screen



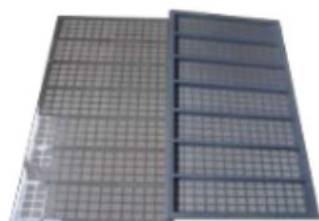
德瑞克FLC500型波浪筛网
Derrick FLC 500 Pyramid Screen



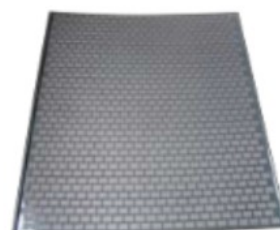
布朗特眼镜蛇筛网
NOV Brandt Cobra Screen



德瑞克FLC500型平板网
Derrick FLC 500 Flat Screen



斯瓦克猫鼬筛网
Swaco Mongoose Screen



斯瓦克ALS筛网
Swaco ALS Screen

旋流器 / Hydrocyclone

公司生产的旋流器采用100%聚氨酯或耐磨合金材料，并采用卡箍结构，使用寿命长，易于维修，是除砂器和除泥器理想的配套产品。

Our cone adopted 100% Polyurethane or abrasion-resistant alloy material, and we use clamp design, ensuring long life and easy maintenance. It is the ideal products to match desander and desilter.



除砂旋流器
Brand Desander Cone



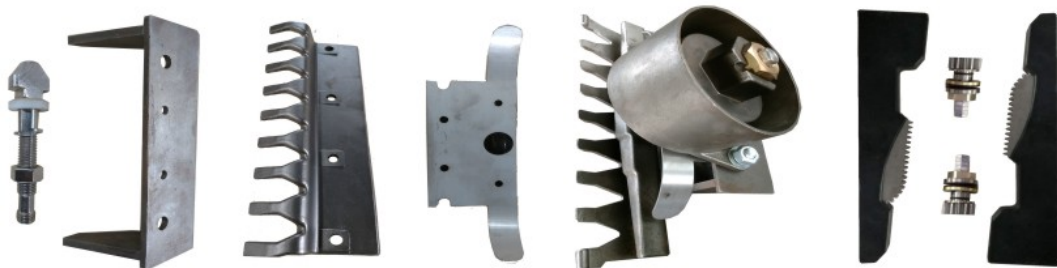
除泥旋流器
Brand Desilter Cone



斯瓦克除泥旋流器
Swaco Desilter Cone



德瑞克除砂旋流器
Derrick Desander Cone



振动筛配件
Shale Shaker Parts

蝶阀、法兰、由壬、气胎、密封材料
Butterfly valve, flange, union, pneumatic pit, sealing material

弘鼎能源的不同规格产品备件不管在选材上还是工艺上都是独到的，备件质量稳定，相对使用寿命长，是目前泥浆固控系统及设备首选。

HONDIN spare parts adopt top quality material, with stable quality and longer service life, it is the ideal products for drilling mud solids control system and equipments.



蝶阀
Butterfly valve



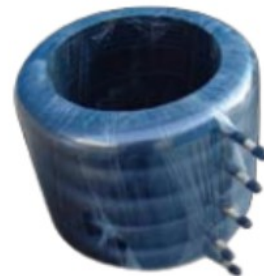
高压法兰
High pressure flange



机械密封圈
Mechanical seal ring



盘根密封材料
Packing seal



由壬用气胎
Pneumatic pit for union



弘鼎能源

只做高品质产品
Only Top Quality

西安弘鼎能源科技有限公司

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