Where there is Kaiquan

There is water

Enterprise Outline

Kaiquan Shanghai Headquarters

Zhejiang Industrial Park

Shanghai Kaiquan Pump Group Co., LTD. is the largest pump manufacturer in China and leads the Chinese pump industry.

The registered capital of Kaiquan is 15 million USD and the total assets are 100 million USD.

Kaiquan has held 9 enterprises and 5 industrial parks in Shanghai, Zhejiang, Jiangsu, Hebei, Liaoning, with the total area of 3.7 hectares and plant area of 120 thousand square meters of production.

The high-quality employee teams are always our main source, which makes Kaiquan develop fast and steadily. There are more than 4,100 professional employees working in Kaiquan, 70% of whom hold

Huangdu Industrial Park

at least the bachelor's degree including 200+ technical engineers, 2 university professors, 22 senior engineers with the professor degree, 31 masters in engineering and management & administration field etc.

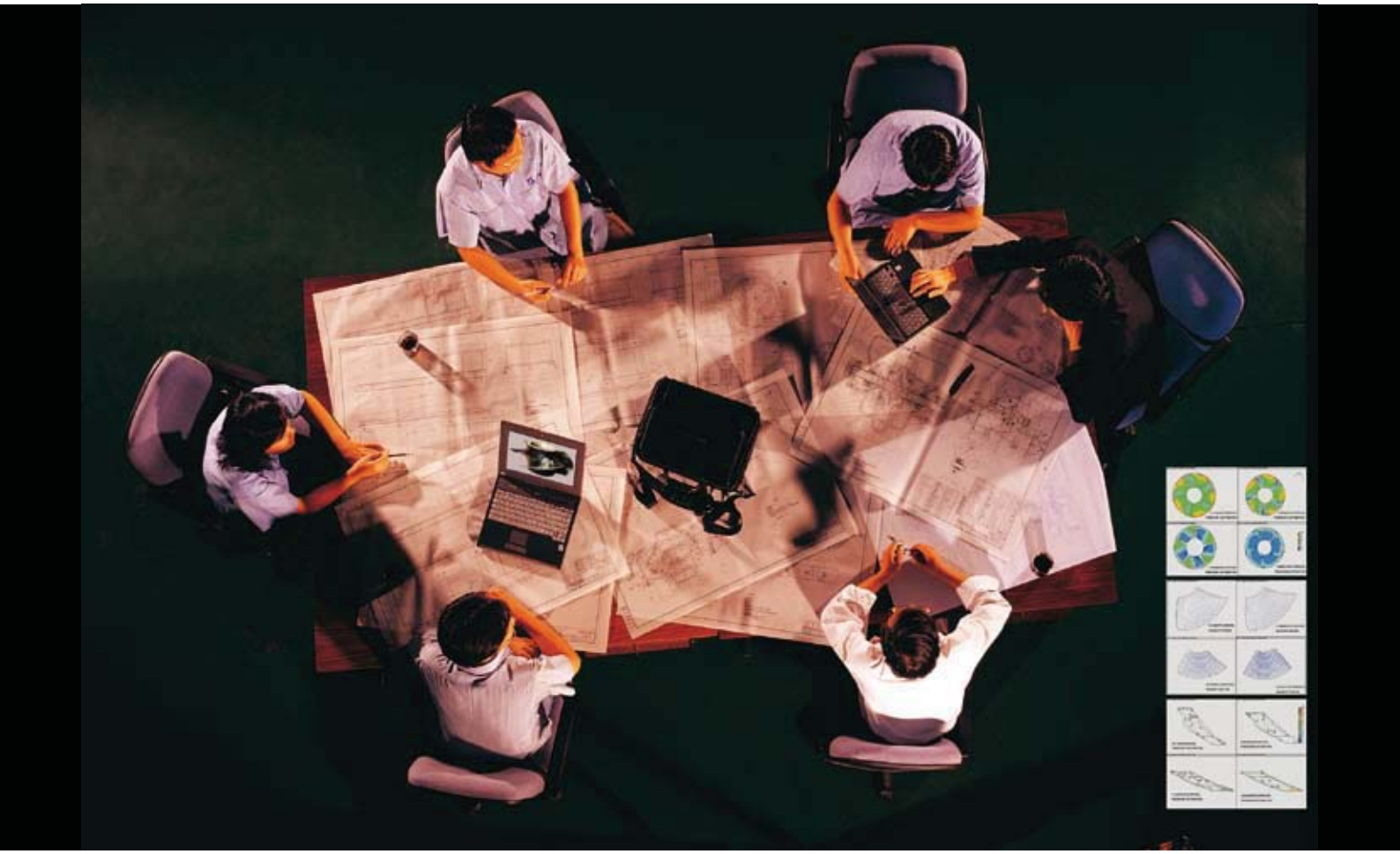
With high start point, investment and quality as our technology developing strategy, Kaiquan established his own technical center, which has been recognized as "Shanghai Municipal Enterprise Technology Center", and investing USD 4 million annually on R & D. Besides, Kaiquan has introduced advanced software system for research and management such as CIMATRON 3D CAD, CAM, CAE, FMS etc. Furthermore, there are more than 400 advanced machineries in Kaiquan for production and inspections. The yield of Kaiquan is 260,000 pcs per year, and the products contain 23 series and more than 20,000 types.

Our target is to make every customer satisfaction. The sales of Kaiquan were USD 300million in 2007, and Kaiquan was ranked No.1 on sales in continuous 8 years in China from 1999 in the field of pump business. The market share of the building service pump is about 30% in China. Kaiquan is also an ISO9001 company and we got the USA RAB certificate and CE certificate as well.

Facing the new century, our strategy is to be one of the top 10 pump manufacturers around the world in 2011.

Individualistic technical design center

Office of Technical Center



Fast-molding Equipment

Technical Center

Product manufacturing

Large NC Digital displayed Vertical Lathe

Advanced CNC Machining Center

Product testing

Text Desk for Large Pump

Close Test Desk for Full Performance

Open Full Automatic Test-bed

Product introduction

Single-stage Single-suction Centrifugal Pump Series

Applied to send non-corrosive cold and warm water used in air-condition, heating, sanitary water, water treatment, cooling & freezing system, liquid circulation, water supply, boosting and irrigation.

Speed: 2,960r/min 1,480r/min or 980r/min
Capacity: 1.8~1,400m³/h
Head: ≤127m
Medium Temperature: -10℃~80℃, 120℃
Ambient Temperature: Max. +40℃
Max. Pressure:
1.6MPa (suction and discharge diameter ≤200mm)
1.0MPa (suction and discharge diameter ≥250mm)

Speed: 2,960r/min 1,480r/min 980r/min or 740r/min
Capacity : 1.6~3,600m³/h
Head: ≤127m
Medium Temperature: -10℃~80℃, 120℃
Ambient Temperature: Max. +40℃
Max. Pressure:
1.6MPa (suction and discharge diameter ≤200mm)
1.0MPa (suction and discharge diameter ≥250mm)

Speed: 360r/min 1,420r/min
Capacity : 2.0~680m³/h
Head : 3~80m
Medium Temperature: -10℃~130℃
Ambient Temperature: Max. +40℃
Max. Pressure:
1.6MPa (suction and discharge diameter ≤200mm)
1.0MPa (suction and discharge diameter ≥250mm)

KQM Series Vertical Tandem Pump
Speed: 2,960r/min or 1,480r/min
Capacity : 2.2~900m³/h
Head: ≤87m
Medium Temperature: -10℃~80℃, 120℃
Ambient Temperature: Max. +40℃
Max. Pressure: 1.6MPa

Capacity : 1.4~1,400m³/h Head: ≤187m
Medium Temperature: -10℃~80℃, 120℃
Ambient Temperature: Max. +40℃
Max. Pressure:
1.6MPa (suction and discharge diameter ≤200mm)
1.0MPa (suction and discharge diameter ≥250mm)
(Please marked the suction pressure when ordering)

Full Automatic Water-feeding Equipment

WFY Series Automatic Water-feeding Equipment

Water Supply Pressure: 20~160mH_2O
Boosting Range:
30%~100% Pump Head
(Full Variable-frequency Control)
70%~100% Pump Head
(Partial Variable-frequency Control)
Water Supply Capacity: 6~400 m^3/h
Accuracy of Constant Pressure: ≤2mH_2O
Stabilization Time:
≤40s (Single Variable-frequency Control);
≤20s (Full Variable-frequency Control);

KQK Series Electrical Control Panel

KQK Series

Functions:
short-circuit protection for main circuit, phase defect and overload protection and protection for pump leakage and stator winding overheating.

Applications:
water-feeding of living, fire-fighting, spraying, boosting, stabilizing, cooling or heating water circulating systems (air-conditioning integrated control and boiler circulation systems), pumps for industrial control and discharge of waste water, etc.

Main electric components manufacturer:
ABB, Schneider, Omron.

Multi-stage Single-suction Centrifugal Pump Series

Applied for water feeding and boosting in municipal, domestic, industrial, as well as air-conditioning, heating, freezing, cooling circulation systems.

KQDW, KQDL, KQDG Series Multi-stage Pump

Speed: 1,480r/min or 2,950r/min
Capacity: 3.7~324 m^3/h
Head : 12.1~240m
Max. Operating Pressure:
KQDL, KQDW Suction Pressure + Maximum Pressure of Pump ≤2.5MPa
KQDG Suction Pressure + Maximum Pressure of Pump ≤2.0MPa
Liquid: Clean water or the liquid whose physical and chemical properties is similar to water
Liquid Temperature: ≤120℃

KQDP, KQDQ Series Light Stainless-steel Multi-stage Pump

Speed: 1,480r/min or 2,950r/min
Capacity: 1~100 m^3/h
Head: 16~208m
Liquid Temperature: -20~120℃
Max. Operating Pressure: Suction Pressure + Maximum Pressure of Pump ≤2.5MPa
Liquid: Clean water or the liquid whose physical and chemical properties is similar to water

Fire-fighting Water Feeding Pump Series

Fire-fighting Pump:
excellent performance and reliable operation.
Fire-fighting variable-frequency water feeding equipment:
ensuring water pressure and capacity for fire-fighting, convenient operating and improving automation level.
Tangent Pump for Fire-fighting:
starting reliably at any time.

XBD Series Fire-fighting Pump

Speed: 980r/min, 1,480r/min or 2,950r/min
Capacity: 2.5~200L/s
Pressure: 0.11~2.6MPa
Liquid Temperature: ≤80℃ clear water

XBD-DN Series Multi-stage Fire-fighting Pump

Speed: 2,950r/min
Capacity: 10~45L/s
Pressure: 0.5~1.8MPa
Liquid Temperature: ≤80℃ clear water

XBC Diesel Fire-fighting Pump

Capacity: 10~800L/s
Pressure: 0.2~2.2MPa
Speed: 1,500r/min, 1,800r/min
Ambient Temperature: 5℃~40℃
Relative Air Humidity: ≤80%
The power of diesel engine can't reach the rate power under abnormal conditions. To ensure normal working, higher power diesel engine should be used to match pumps.

WQ Submersible Sewage Pump Series

Applied for municipal engineering projects, buildings, industry waste release and waste water treatment, which can pump dirty water, wastewater, and rainwater with solid and long fiber wastes.

KWFB Series Packingless Automatic Self-priming Pump

Speed: 2,960 or 1,480r/min
Discharge Diameter: 40mm-350mm
Rated Capacity: 5.6-1200m³/h
Rated Head: 10-125m
Self-priming Head: 3.5m-5.5m
Ambient Temperature: ≤40℃

WQ2000, WQ4000 Series Submersible Sewage Pump

Capacity: 8~8,980m^3/h
Head: 5~80m
Motor Power: 0.75~315kW
Voltage: 380V
Discharge diameter: 50~900mm
Medium Temperature: ≤40℃
Medium Density: ≤1,050kg/ m^3
PH: 4~10

Submersible Mixer, Submersible Reflux Pump Series

This series is used to mix liquid containing suspended particles in the field of waste water treatment, industrial process, and biochemistry treatment, buildings and mining industry.

WJ Submersible Mixer and WH Submersible Reflux Pump Series

WJ
Speed:
17r/min~1,450r/min
Pushing Force:
125~4,800N
Power:
0.75~30kW
Impeller Diameter:
210mm~2,500mm
Depth under water ≤15m

WH
Capacity:
430~4,500 m^3/h
Head:
0.6~1.3m
Speed:
360, 480, 680, 700, 710, 720, 730, 735r/min
Power:
1.5~30kW

WL Series Vertical Sewage Pump

Capacity: 8~4,600 m^3/h
Head: 3~55m
Motor Power: 0.75~355kW
Voltage: 380V
Discharge diameter: 50~600mm
Medium Temperature: ≤40℃
Medium Density: ≤1,050kg/m^3
PH: 5~9

KQQ Submersible Electric Pump

Capacity: 50~3,000 m^3/h
Head: 10~100m
Power: 11~560kW
Depth under water: ≤20m
Discharge diameter: 80~600mm

YW Series Submerged Sewage Pump

Tolerance Design, Tremendously Reliable

Medium Temperature:
≤80℃
Medium Density:
<1.2kg/dm^3
If > 1.2kg/dm^3, the supporting power should be increased correspondingly.
PH: 5~11

WQ3000, WQ5000 Series Submersible Sewage Pump

Capacity: 14~1,500 m^3/h Head: 8~80m
Motor Power: 3~220kW Voltage: 380V
Discharge diameter: 50~900mm
Medium Temperature: ≤40℃
Medium Density: ≤1,050kg/ m^3
PH: 4~10

WQ/C Series Mini Sewage Pump

Power Supply: 380V, Three phase, 50Hz
Medium Density: ≤1,050kg/ m^3
Medium Temperature: normally not exceed 40℃, PH: 4~10
The lowest level must be in accordance with ▽ in the dimensional drawings.
The diameter of the solids in medium cannot exceed 80% of the minimum diameter of flow channel.

WQ/S Mincing Pump

Diameter: 50~100mm Motor Rated Power: 1.5~37kW
Speed: 940~1,475r/min, 2,800~2,935r/min
Max. Dimension of Mince: 32~65mm
Pump Weight: 90~624kg

Single-stage Double-suction Centrifugal Pump Series:

The pumps are widely used in city's water supply and drain-off, water supply for cities and towns; water supply and drain-off for central heating system; water supply and drain-off for steel plant and metallurgical industry enterprises, oil refinery for petrol chemistry, paper mill, oil field, heat and power plant, airport construction, chemical fiber factory, textile factory, sugar factory, chemicals factory and power station; water supply of fire-fighting system for factories or mines, water supply for air-conditioning system; farmland flood-drain and irrigation and various water conservancies.

KQSN Series Double Suction Pump

Speed: 298r/min, 372r/min, 490r/min, 585r/min, 740r/min, 990r/min, 1,480r/min or 2,960r/min
Capacity: 68~30,000m^3/h
Head: 6~230m
Voltage: 380V, 6kV or 10kV
Suction diameter: 150~1,600mm
Temperature Range: Max. Liquid temperature ≤100℃, 150℃ for special configuration.
Ambient Temperature: ≤40℃ general.

KQSU Series Double Suction Pump

Speed: 900, 1,480r/min
Head: 20~100m
Capacity: 200~2,000 m^3/h
Suction Diameter: ∅200 - ∅500mm
Temperature Range: 0~80℃ (130℃ for special configuration)
Operating Pressure: Suction Pressure +Max. Operating Pressure ≤1.6MPa (2.0MPa for special requirements)
Pumping Medium: Clean water or the liquid whose physical and chemical properties is similar to water
Operation Mode: Continuous Operating

KQSNL Series Vertical Double Suction Pump

Speed: 990r/min, 1,480r/min or 2,960r/min
Capacity: 120~3,975m³/h
Head: 6~200m
Voltage: 380V, 6kV or 10kV
Temperature Range: ≤80℃
Ambient Temperature: ≤40℃

LDTNT, LDTNA, LDTNB Series Hot Well Pump

Capacity: 85~1,940 m³/h
Head: 48~360m
Medium Temperature:
Normal temperature~80℃ (120℃ for special requirements)

Axial, Mixed Flow Pump

Used in city's water supply, diversion works, municipal sewage, rainwater drain-off, and pivot diversion, irrigation and drainage, aquiculture, salt field, as well as industrial water supply and drain-off and pumping recycled water etc.

ZQ, HQ Submersible Axial Flow Pump , Mixed Flow Pump Series

Pump Diameter: 300~1,600mm Capacity: 400~42,000 m³/h
Head: 2.5~22m Power: 7.5~710kW
Protection Class: IP68 Cooling System: 1C0041
Insulation Class: F Rated Frequency: 50Hz
Voltage: 380V, 660V, 6kV, 10kV

ZL, HL Vertical Axial Flow Pump, Mixed Flow Pump

Unit Capacity: 0.2~11 m³/s Head: 2~22m
Discharge Diameter: 350~1,600mm
Pumping Medium: Clear water, river water, wastewater, rainwater, sewage and other liquid whose physicochemical property is similar to water.
Voltage: 380V, 660V, 6,000V, 10,000V Frequency: 50Hz
Protection Class: IP23, IP44 Insulation Class: B, F
Ambient Temperature: 40℃; Reduce the Power, when the ambient temperature exceeds 40℃.

H Type Vertical Diagonal Flow Pump

Capacity: 0.17~7.5 m³/h Head: 5~95m
Permitted Pumping Medium:
Clear water, seawater, rainwater, sewage etc.
Medium Temperature: Below 55℃
Operation Mode: Continuous Operating

LC Long-axle Pump

Medium Temperature: ≤80℃
When suspended material is contained, instead of fiber material, the quantity of suspended material: <150mg/L;
When the medium is the solid-containing industrial wastewater, the maximum solid cannot exceed 2mm.
Pump Diameter: 100~800mm Capacity: 60~5,100 m^3/h
Head: 13~69m Max. Axial Length: ≤14m

N Type Condenser Pump

Capacity: 8~120 m^3/h
Head : 38~170m
Medium Temperature:
≤80℃ (100N130 and 150N110 Type can pump the liquid below 120℃)

DG Type Intermediate Pressure Boiler Feed Pump

Speed: 2,950r/min
Liquid: Clear water or other liquid whose physicochemical property is similar to water.
Liquid Temperature: ≤160℃
Capacity: 36~180 m^3/h
Head: 500~1,050m

NW Type LPH Drainage Pump

The pump is used to pump low heater drainage in heat-engine plant of 125MW~300MW.
Medium: saturation water above 80℃,
Temperature: Max.160℃
Capacity: 36~200 m^3/h
Head: 120~230m
Inlet flange pressure: 1.6MPa
Outlet flange pressure: 2.5~4.0MPa.

KQWR-G Type Hot Water Circulation Pump

Working Condition: System operation pressure is below 4.0MPa; Pumped Medium is hot water, and the medium temperature is not more than 230℃; The temperature is below 400℃ when the Medium is other organic thermal medium.
Capacity: 5~800 m^3/h
Head: 6.8~240m
Speed: 1,450r/min and 2,900r/min
Power: 0.25~500kW

KQH Series Chemical Pump

KQH series chemical pump can be used to some extent in chemistry, oil product, food, drinks, medicine, water treatment, environment protection and part of acid, alkali and salt, to pump some corrosive, non-or-few solids containing medium with the viscosity similar to water. It is not recommended to use in poisonous, flammable, explosive and strongly corrosive occasions.

KQH, KQWH Series Pump

Capacity: 2.2~480 m^3/h
Head: 2.8~129m
Power: 0.12~90kW
Speed: 1,480r/min and 2,960r/min
Max. Pressure: ≤1.6MPa
Medium Temperature: -10~80℃
Ambient Temperature: Max. 40℃

KZA, KZE Petrochemical Process Pump

Pumping Medium: Mineral acid in all temperature and concentration, such as H_2SO_4, HNO_3, HCl and H_3PO_4 etc.; all alkaline solution in all temperature and concentration such as NaOH; all salt solution; all liquid petrochemical products, organics, and other corrosive raw materials and products.

KZA, KZE Process Pump

Pump Diameter: 25~400mm
Capacity: Max. 2,400 m^3/h
Head: Max. 250m
Operating Pressure: Max. 2.5MPa
Operating Temperature: -80~+450℃

KCZ Standard Chemical Process Pump

Max. Operating Pressure: 2.5MPa (250bar)
Operating Medium Temperature: -70~180℃
Capacity: ~2,000 m^3/h
Head: ~160m
Speed: 1,450r/min and 2,900r/min
Motor Power: ~315kW

KQYH Submerged Chemical Pump

Used in Municipal water supply, municipal sewage plant, rainwater drainage, sewage treatment, diversion work, irrigation, flood control and flooded field drainage.

KQYH Submerged Chemical Pump

Pump Diameter: 25~200mm
Head: 5~80m
Protection Class: IP68
Capacity: 2~350 m^3/h
Power: 1.1~90kW
Cooling System: 1C0041

AY Type Oil Pump

Solids are not contained in the pumped medium, and temperature range is -45~+420℃.
Capacity: Q=6.25~500 m^3/h
Recommended Head:
H=35~330m (Single or Double-stage Pump)
H=70~603m (Multi-stage Pump)

KZJ Series Slurry Pump

Speed: 2900/1480/980/730/590r/min motor directcoupled driving
Pulley indirect-couple driving
Medium Temperature: generally ≤80℃, in special case:110℃
Weight Concentration of Solid-liquid Mixture:
MortarConcentration ≤45% Pulp Concentration ≤60%
Capacity: 30~2,000 m^3/h Head: 15~130m

M/AH(R)/HH Series Slurry Pump

Speed: 2900/1480/980/730/590r/min motor directcoupled driving
Medium Temperature: generally ≤80℃, in special case:110℃
Weight Concentration of Solid-liquid Mixture:
MortarConcentration ≤45% Pulp Concentration ≤60%
Capacity: 12~5400 m^3/h Head: 6~118m

2BEK Water Ring Vacuum Pump

Power: 75~800kW
Gas Capacity: 55~630 m^3/min
Pressure: 160hPa~1,013hPa
Permitted Medium: the gas, which is non-solids containing and insoluble in water
Temperature: Pumping gas temperature -10~40℃
Operating Liquid Temperature: 0~35℃

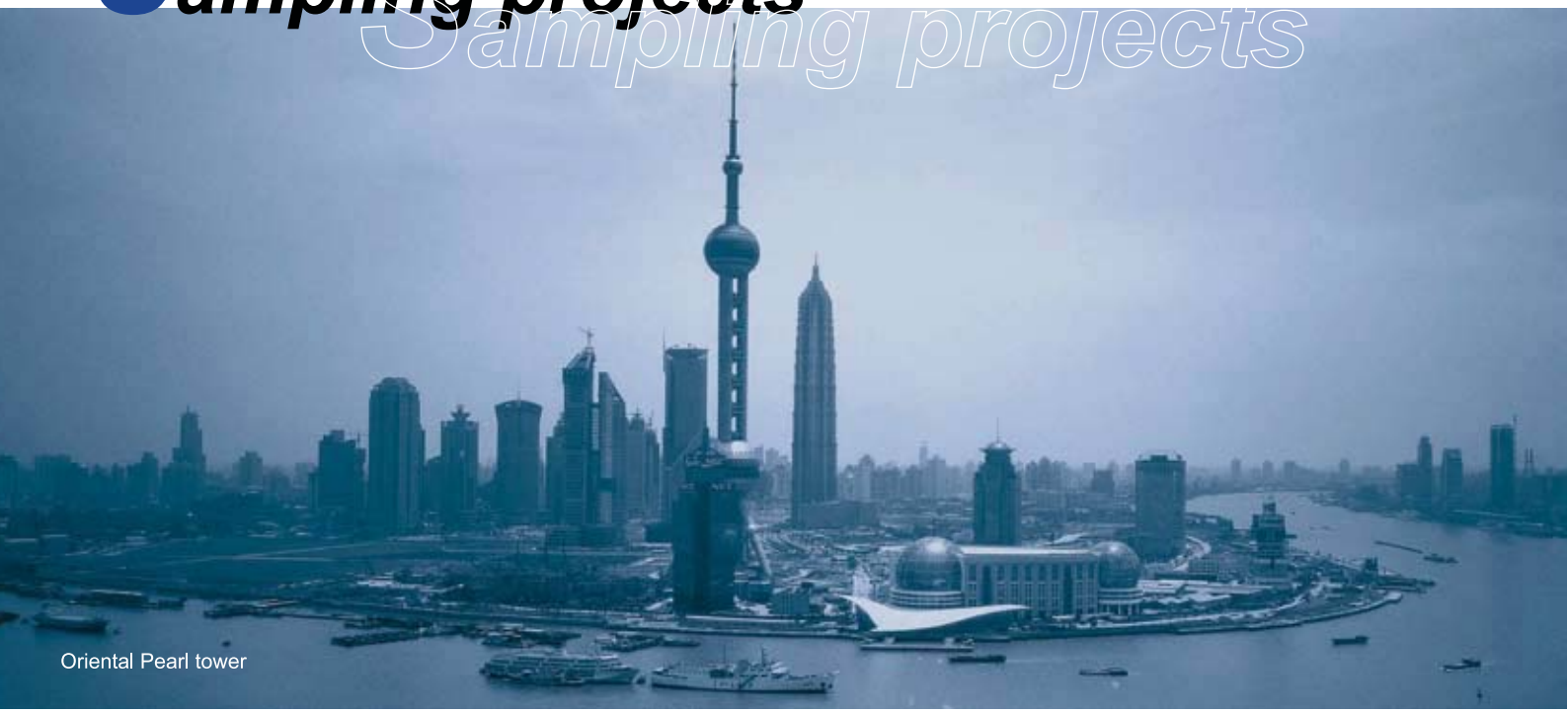
2BVX, 2BEX Water Ring Vacuum Pump

Motor Power: 1.1~710kW
Gas Capacity: 27~2,700 m^3/h
Pressure: 33hPa~1,013hPa
Permitted Medium: the gas, which is non-solids containing and insoluble in water
Temperature: Pumping gas temperature -10~40℃
Operating Liquid Temperature: 0~35℃

MD Multi-stage Mine Pump

Speed: 1,480r/min and 2,950r/min
Liquid: Clear water or other liquid whose physicochemical property is similar to water.
Liquid Temperature: ≤105℃
Capacity: 6.3~450 m^3/h
Head: 50~660m
Max. Pressure: Suction Pressure +Max. Pump Pressure ≤ 7MPa

Sampling projects



Oriental Pearl tower


Maglev

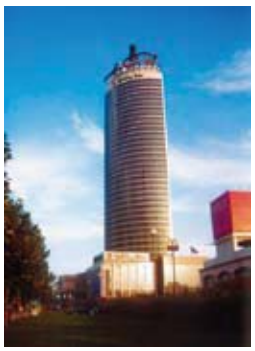

Shanghai Pudong International Airport


Lanzhou Thermo-electric Plant


Mao Zedong Memorial Hall

Chongqin WAL-MART


Shanghai Exhibition Hall


Qingdao Holiday Inn


Sichuan Toyota Motor


Shenzhen Keyuan

Shanghai Cokeoven Plant

Beihai power plant

Baotou Dalate power plant

Gaoqiao Fine Chemicals

Jilin Petrochemical

Shanghai Baosteel

Nanjing Yizheng Chemical Fiber Mill

Daqing Water Works

Hangzhou Sibao Sewage Treatment Plan

Yuhang water supply Group Co.,Ltd.

Jingjiang Sewage Treatment Work

Changshan water conservancy

Liujiaxia Hydro Station

Yanji Rubber Dam Project

Bapanxia Hydroplant

Hangzhou Quyanfenghe Pumping Station

The Second Sewage Treatment Works, Changsha

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