



宇豪
E·H A O

品质改变世界 服务成就未来

SHANGHAI YUHAO ENVIRONMENTAL ENGINEERING CO., LTD

上海宇豪环境工程有限公司

Comprehensive service provider for environmental governance
Integrated sewage treatment equipment supplier



Company Profile

Quality First Customer First

Shanghai Yuhao Environmental Engineering Co., Ltd. is an innovative environmental protection company integrating research and development, manufacturing, sales and service, specializing in research and production of intelligent environmental protection . It owns Suzhou Yuhao Environmental Protection Technology Co., Ltd., specializing in the production and manufacture of sewage treatment equipment.

The company has developed a variety of sewage sludge treatment products from the initial automatic drug dispenser to the present, such as three-dimensional structure biological rotary table, integrated prefabricated pump station, fiber rotary filter cloth filter and other integrated sewage treatment equipment, and also provides fast solutions for the industry.



Company Profile

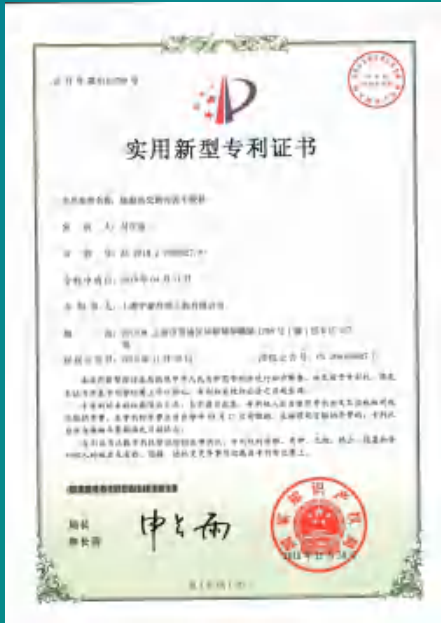
The company has dozens of technical engineers at or above the intermediate level and professional technicians in environmental protection equipment. The company has strong R&D capabilities in new products and new technologies. The on-site engineers with rich experience in equipment operation debug the equipment for customers. Ensure the comprehensive supervision and testing of products from raw materials to delivery, and ensure the long-term stable operation of internal and external quality of products.

Environmental Management Certification

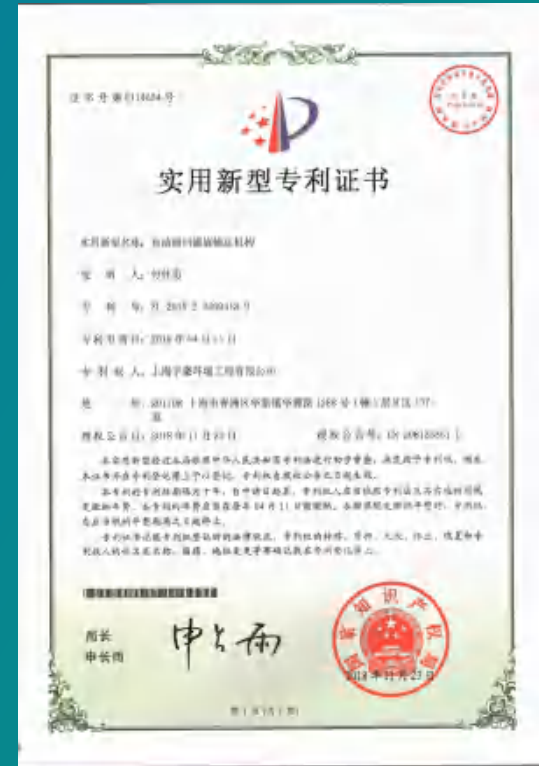
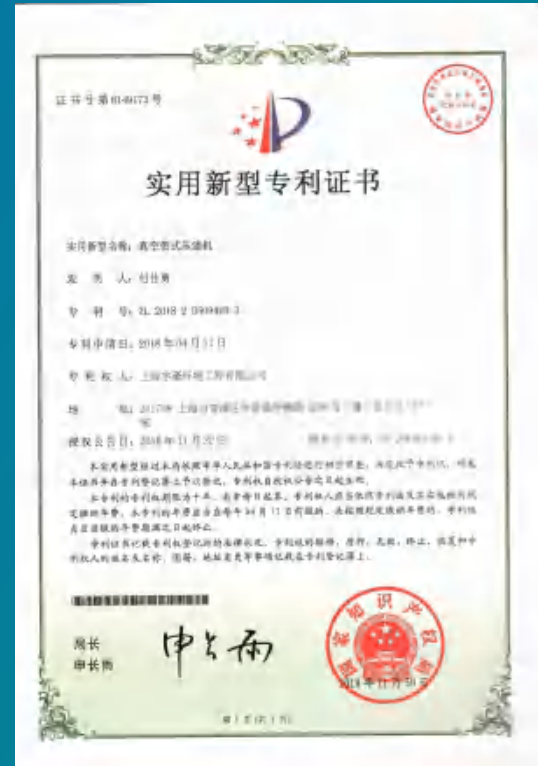
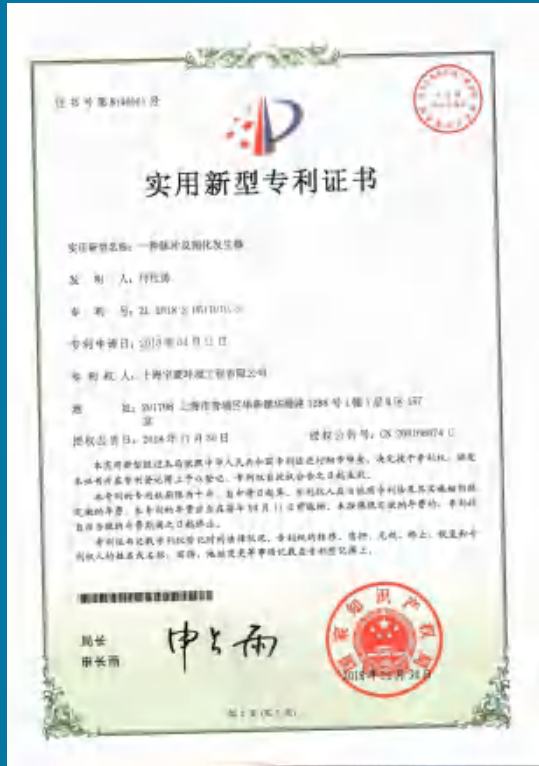




Patent Certificate



Patent Certificate







Products

Quality First Customer First

Integrated sewage treatment equipment

Integrated biological filter

Integrated biological turntable

Integrated cloth filter

Integrated prefabricated pump station

Integrated sludge thickening filter press

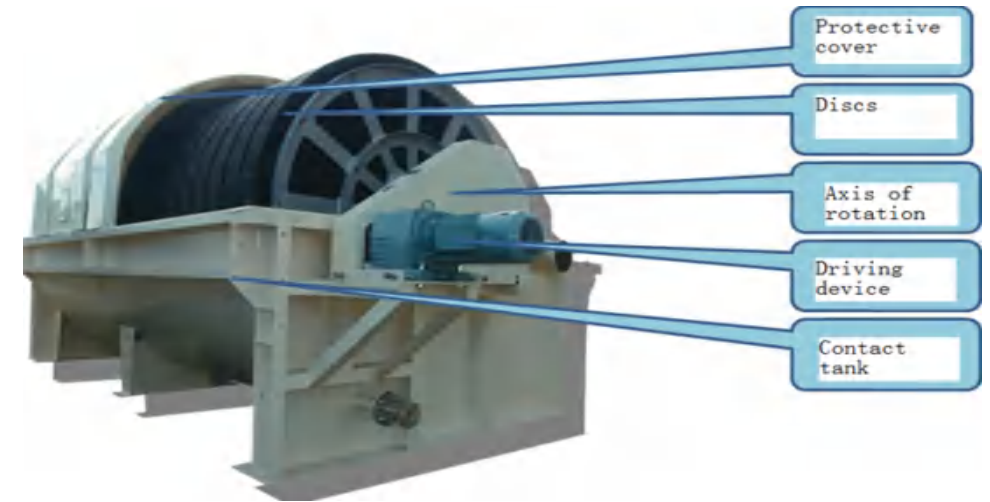
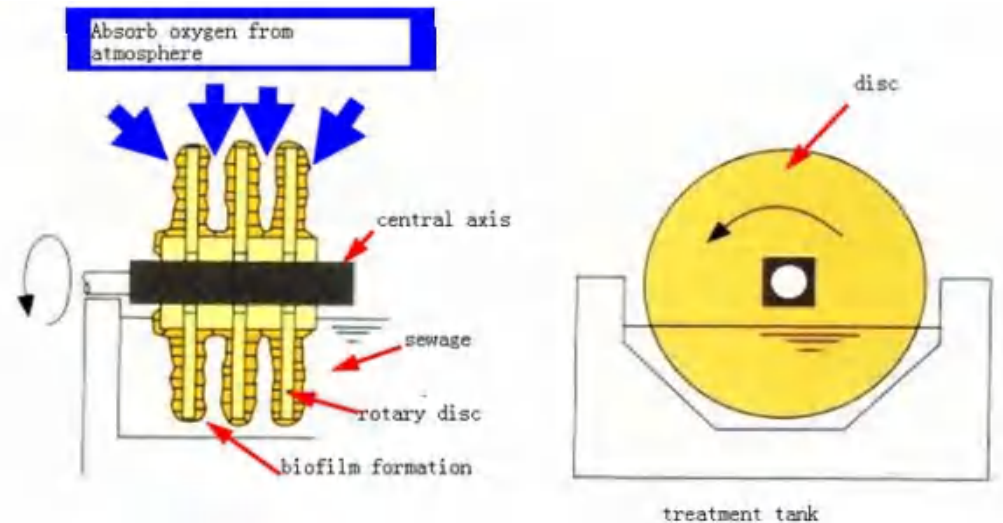
Integrated polymer fully automatic drug dispenser

Integrated low-temperature sludge drying equipment



Integrated Biological Turntable

The biological rotary table, also known as rotary biological filter, is a kind of biofilm wastewater treatment technology, which is the artificial enhancement of sewage irrigation and land treatment.



The reactor is divided into three sections - anaerobic section, biological turntable section and high-efficiency sedimentation section

- Anaerobic section - enhanced phosphorus removal and resistance to influent impact
- Biological turntable section - enhanced nitrogen removal and organic matter removal under facultative conditions
- High-efficiency sedimentation section - enhanced sedimentation (coagulant can be added to ensure the separation effect of mud and water)
- Anaerobic section - biological turntable section is superimposed from bottom to top, which can not only form their own independent biological treatment space, but also form the cycle of each system unit.





Integrated Cloth Filter



The fiber rotary microfiltration tank is our company's absorption of foreign advanced technology. At present, it is an advanced water treatment filtration equipment in China, and is an efficient treatment unit in the advanced sewage treatment process. It has been applied in many aspects, such as new sewage treatment plants in cities, upgrading of sewage treatment plants, and reuse of reclaimed water.

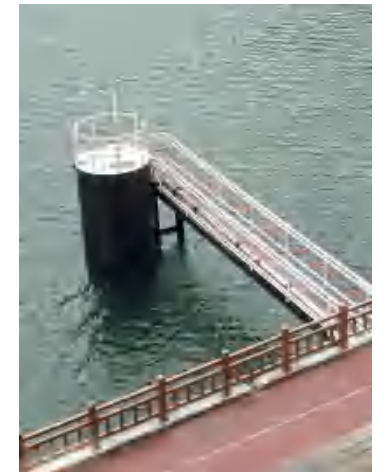
Its function is to remove various impurities in the suspended state in the sewage, improve the effluent quality of the sewage treatment plant, and make the treated water SS meet the Class A standard.



Integrated Prefabricated Pump Station

The integrated prefabricated pump station is a sewage/ rainwater lifting pump station, which is a buried integrated equipment that automatically lifts sewage and rainwater from low to high; The main body of the pump station is composed of shaft, submersible sewage pump, coupling device, pipeline, valve, liquid level sensor, control system, etc.

Yuhao integrated prefabricated pump station has the advantages of rapid construction, strong adaptability, long service life, environmental friendliness and other advantages that traditional pump stations do not have. It is an ideal substitute for traditional pump stations, which can be used for domestic sewage, rainwater, industrial wastewater discharge, and also for water intake. It is a new generation of green technology products.





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Integrated Low-temperature Sludge Drying Equipment



The difference between low-temperature drying and traditional hot-air drying is that the air circulation mode is different, and the air dehumidification mode of drying chamber is also different. During low temperature drying, the gas is in closed circulation between the drying chamber and the dehumidifier dryer, without discharging any waste heat; One part of energy (steam) is consumed, and three parts of energy (heat of heat exchanger, waste heat of circulation and heat of equipment) are absorbed and transferred from the internal ambient air to the drying medium.

The traditional hot air drying is an open system that uses heat source to heat the air and discharge the air after moisture absorption (discharge waste heat), with low energy utilization rate (20% - 50%). 90% of the heating capacity of traditional sludge thermal drying system is converted into heat loss of exhaust air (latent heat of water vapor and sensible heat of hot air).



Integrated Sludge Thickening Filter Press



It is used to concentrate and dewater the surplus sludge produced by municipal or industrial sewage treatment plants, and dewater the sludge with a moisture content of more than 99% to 80% to facilitate the next treatment of sludge. The concentration and filtration integrated machine is divided into belt type concentration and drum concentration integrated machine. The former is gravity concentration and dehydration, and the latter is drum centrifugal concentration and dehydration.

The dewatering process of filter press can be divided into three important stages: sludge conditioning, thickening and dewatering, and press dewatering

Segment. Conditioning stage: add the sludge in the sludge tank to PAM for conditioning to make it flocculate into a group. concentrate

Dehydration stage: the flocculated material is gradually added to the thickener to make the free water outside the floc

Under the action of the thickener, it separates from the floc, gradually reducing the water content of the sludge floc and reducing the fluidity. Press dewatering stage: after sludge thickening and dewatering, it enters the press stage, and the squeezing method is used to

The water in the sludge is squeezed out.



Integrated Polymer Fully Automatic Drug Dispenser

The preparation process of PAM powder reagent solution is gradually completed through the grading of each solution tank. The solution tanks are separated to ensure the optimal reaction time and constant concentration in each solution tank, and to avoid any direct path between the prefabricated tank and the liquid medicine storage tank. The automatic control system is connected with the liquid level controller on the storage tank. Once the liquid level reaches the low level, trigger the water inlet solenoid valve to open, dry start, and the equipment will automatically run. When the liquid level reaches the highest point, the circulation process will stop. Of course, the agitator will continue to work according to the set time.





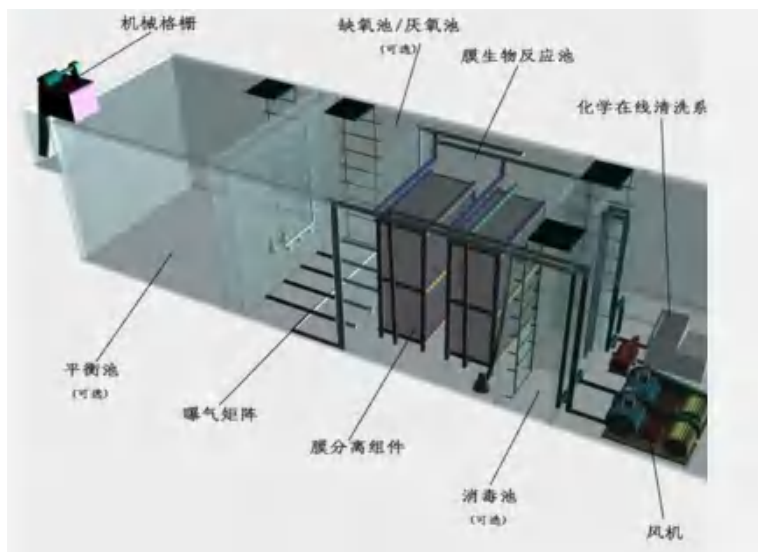
Seawater Desalination Machine



Seawater desalination is to use seawater desalination to produce fresh water. It is an open source incremental technology to realize the utilization of water resources, which can increase the total amount of fresh water, and is not affected by time, space and climate, and can guarantee the stable water supply of coastal residents' drinking water and industrial boiler make-up water.

The process of obtaining fresh water from seawater is called seawater desalination. The seawater desalination methods used now include seawater freezing method, electrodialysis method, distillation method, reverse osmosis method, and ammonium carbonate ion exchange method. At present, the application of reverse osmosis membrane method and distillation method is the mainstream in the market.

Integrated Domestic Sewage Treatment Equipment



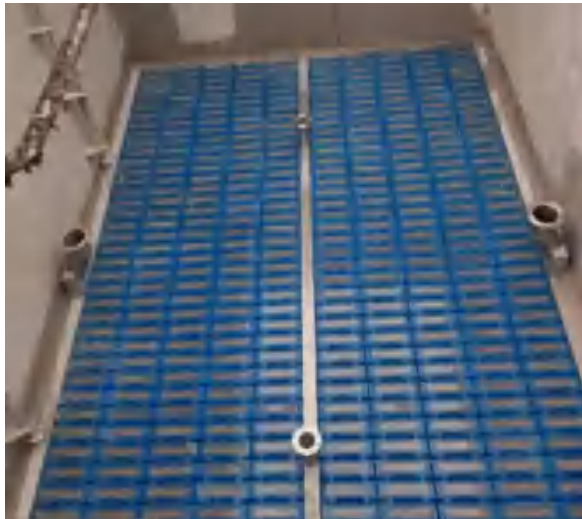
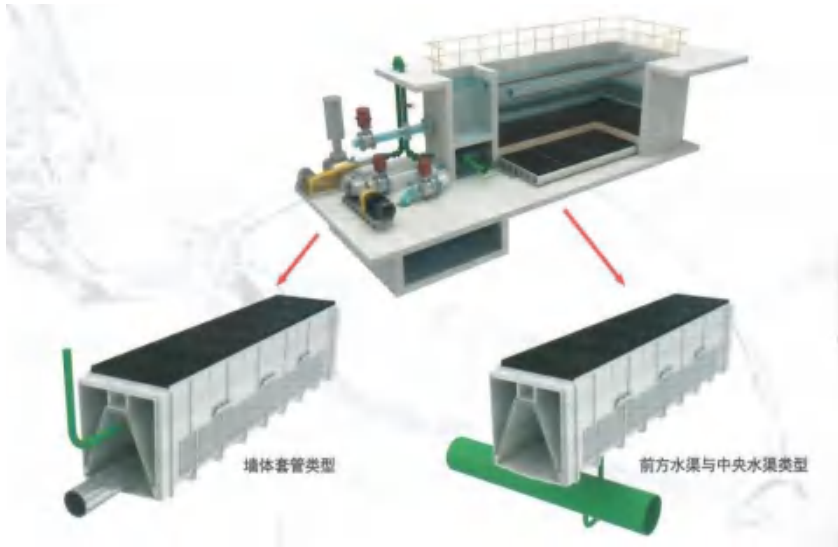
The integrated sewage treatment equipment is an equipment that integrates the primary sedimentation tank, level I and II contact oxidation tank, secondary sedimentation tank and sludge tank, and carries out air blowing and aeration in the level I and II contact oxidation tank, so that the contact oxidation method and the activated sludge method can be effectively combined, saving the tedious work of finding someone to design the sewage treatment process and do the infrastructure construction.

The integrated sewage treatment equipment is applicable to the treatment and reuse of domestic sewage from residential quarters, villages, towns, office buildings, shopping malls, hotels, restaurants, sanatoriums, institutions, schools, troops, hospitals, highways, railways, factories, mines, tourist attractions and other similar organic wastewater from slaughtering, aquatic products processing, food and other small and medium-sized industries.





Integrated Biological Filter



The biological filter is a biological reaction structure filled with specific fillers, in which the fillers can provide a living space with structural support for microorganisms, and the sewage can be purified by contacting with microorganisms enriched on the surface of the fillers using biological physiological functions.

Biological filter includes carbon oxidation biological aerated filter, nitrifying biological filter and denitrification biological filter.

Due to the rationality of the process, the biological filter can often achieve better treatment effect without secondary pollution, and can avoid microbial loss and water turbidity caused by water flow impact.



CASES

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“Human-oriented, harmonious
and unique, benefit the society
and return to the society”



传承
15 载
污水治理

专注
9+ 年
一体化设备研发生产

现有
2000+ 个
在运行项目

车间面积
20000+
平米

源子

对完美的不断追求

SINCE 2010

往期部分项目现场欣赏



湖南娄底污水处理项目



云南工业污水处理项目



贵州4000吨污水处理厂安装现场



河北邯郸安区污水处理项目



祁县人民医院污水处理项目



孝庄美丽乡村项目现场



广西北流污水处理项目



西安咸阳五期污水处理厂项目



河南高速公路生活污水项目



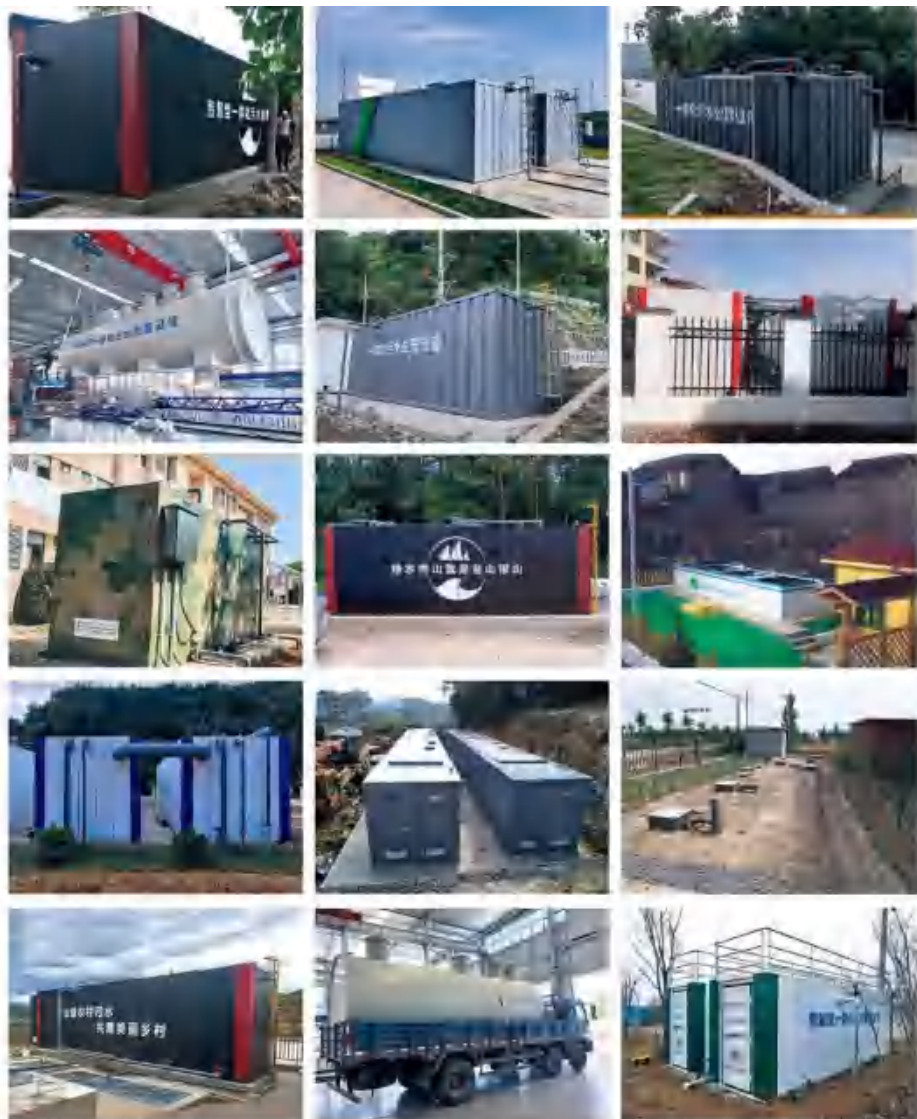
河南开封美丽乡村项目



湖南生活污水处理项目



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感谢聆听

THANK YOU FOR LISTENING