



蓝海科技 做中国最好的污水处理服务商

新乡市蓝海环境科技有限公司
XINXIANG LANHAI ENVIRONMENTAL TECHNOLOGY CO.,LTD



新乡市蓝海环境科技有限公司

地址：河南省新乡市古固寨产业集聚区玉源路南

联系电话：0373-2661999

网址：www.lhhjgc.com

邮箱：lanhaiep@163.com

新乡市蓝海环境科技有限公司

2017年，新乡市蓝海环境科技有限公司系抓住国家大力发展环保产业的历史机遇，整合水处理行业内优质资源，吸收母公司近二十年污水处理经验，依托国内知名污水处理专家团队，高起点、大平台打造以环保工程的设计、施工、销售、服务为一体的科技型企业。新乡市蓝海环境科技有限公司积极布局环保产业，着力将自身打造为国内领先的综合环境服务商。经过一年稳步前行，公司构建环保大平台的战略逐渐清晰，相继布局了固废处理、水环境综合治理、大气治理、土壤修复等环保领域，并同时继续积极寻求环保新的行业增长点。

公司自成立以来，秉承“不忘初心，砥砺前行”的经营理念，致力于污水、废气、生活垃圾、土壤污染的治理，公司目前从事的主要业务包括环境监测、环境治理、高端装备制造等业务，自主研发生产污水处理高端曝气装备、污水高效脱氮装备和水质监测系列等产品。

新的时代，企业本着信誉第一、效益第一、合作双赢的原则竭诚与社会各界交流合作，牢记习总书记“绿水青山就是金山银山”的重要指示，为人类的环境保护和低碳经济做不懈努力，为社会创造清新、健康、安全的工作生活环境。



发明专利产品



做中国最好的污水处理服务商

INTRIME SERVICE WITH EXCELLENT PRODUCT



蛟龙高效溶氧仪/ LHDT Plug-Flow Aerator

设备简介/Equipment Introduction

新乡市蓝海环境科技有限公司设计生产的蛟龙高效溶氧仪，又称推流曝气机、推流式曝气机。发明专利号：ZL201410833871.1，独特的设计使其相对于其它品牌的曝气设备具有更多优势。它配备坚固的不锈钢旋转轴和免维护的氧化锆聚醚水润滑轴承，能够适应冬、夏多种极端气候环境，不需要特殊维护。该设备适用于各种工业废水处理系统、城市污水处理厂、渗滤液处理厂等，另外还可应用于氧化沟、氧化塘曝气系统的更新改造，由于其多功能性与灵活性，此产品自上市以来，得到广泛应用。

Plug-flow Aerator is a new type of aeration equipment, with the function of both aeration and mixing. Air, water and sludge can fully mixing and constitute a circulation flow. Plug-flow Aerator is widely used for municipal sewage treatment plant, industrial wastewater treatment plant, and all kinds of industrial aeration basin.

设备特征/Equipment Features



工作原理/Working Principle

电动机带动螺旋桨旋转，高压旋涡气泵使得空气通过进气管进入空气进孔达到螺旋桨，使得其水混合造成微小气泡，汽水混合物被迫水平、竖直方向离开螺旋桨，达到有效混合和向水中曝气。

Driven by motor, propellers spin and caused a low pressure zone. Air is introduced through air pipe to reach the low pressure zone, in where, water and air are pressed into tiny bubbles. These bubbles diffuse to provide aeration and mixing to process water.



参数表/Parameter

型号	功率		电机转速 (rpm)	工作水深 (m)	推流距离 (m)	进气量 (m ³ /h)	充氧量 (kgO ₂ /h)
	HP	KW					
LHDT-7.5	10	7.5	<750	2.5-6.0	20-40	330	99
LHDT-11	15	11	<750	3.5-6.5	30-70	420	126
LHDT-15	20	15	<750	3.5-7.0	35-80	420	126
LHDT-18.5	25	18.5	<750	4.0-7.5	40-85	550	165
LHDT-22	30	22	<750	4.5-8.0	55-120	550	165



LHQB-潜水式高效节能搅拌曝气装置

LHQB Submersible Aerator

设备简介/Equipment Introduction



曝气机是氧化曝气池中的核心设备，它将产生的微小气泡扩散到待处理水中以达到搅拌曝气的目的。LH-QB潜水式高效节能搅拌曝气机是我公司为不断适应工业废水、市政污水处理等需要生化处理工艺的行业而研发制造的高新技术产品。

LHQB Submersible Aerator is a essential equipment in aeration basin, it utilize fine or medium bubbles diffuse to provide aeration and mixing to process water. LH-QB submersible aerator is widely used in municipal sewage treatment plant and industrial wastewater treatment plant ,like paper mill wastewater treatment, petroleum & chemical industrial wastewater treatment plant, etc.

设备特征/Equipment Features



工作原理/Working Principle

鼓风机供给的压力空气通过可移动的空气管道送到转子，在转子的高速作用下被击碎成微小气泡，气泡和周围的水体被强力混合后在转子作用下呈波浪型曲线辐射，定子通道能够保证水气混合液在不同形状结构设计的曝气池中均匀分布，同时转子产生的强大紊流保证了理想的传氧效果，不断推动池内水、气和活性污泥的高效混合，从而达到满意的去污效果。由于运行时因产生负压引发的自吸作用，设备对鼓风机的供气压力要求降低，通常可与水深相等，较之传统设备动力消耗明显降低。



The pressured air supplied by blower goes through air pipe and reach to rotor, high speed rotor hit and break pressured air into tiny bubbles. These tiny bubbles and water around are shaped to wave curve by strongly mixing of rotor. The stator channel can ensure the air-water liquid evenly distributed in different shapes of aerator basin, meantime, strong mixing flow by rotor continuously mix the water, air and activated sludge, which ensures the ideal aeration efficiency. The negative-pressure while submersible aerator working, lead to self priming, thus it will lower the air pressure, supplied by blower, normally this pressure just equal to water height. So it is obviously energy-saving than traditional aerator.

参数表/Parameter

型号	功率 (kw)	尺寸 (m)	工作水深(m)	辐射半径(m)	进风量 (m³/h)	充氧量 (kgO₂/h)
LHQB-1.5	1.5	1200*1350	3.0-20.0	4	150	~45
LHQB-3	3	1420*1580	3.0-20.0	6	220	~66
LHQB-5.5	5.5	1720*1970	3.0-20.0	9	300	~90
LHQB-7.5	7.5	1720*2100	3.0-20.0	12	480	~144
LHQB-11	11	2270*2260	3.0-20.0	15	600	~180
LHQB-15	15	2270*2400	3.0-20.0	18	750	~225
LHQB-22	22	2610*2500	3.0-20.0	23	390	~390

LHDSNS-带式浓缩压榨一体化过滤机/ LHDSNS Belt Filter Press



设备简介/Equipment Introduction

LHDSNS-带式浓缩压榨一体化过滤机是一种新型高效浓缩脱水设备。主要用于造纸、化纤、印染、城市污水处理厂的混合污泥、消化污泥及剩余活性污泥的脱水，也适用于各类工业污泥的脱水。

LHDSNS Belt Filter Press is used for solid/liquid separation process, particularly the dewatering of sludge in the chemical industry, paper mill, printing and dyeing mill, mining and water treatment. The process of dewatering is primarily obtained by passing a pair of filtering cloths and belt through a system of rollers, the system takes sludge or slurry as a feed, and separates it into a filtrate and a solid cake.



工作原理/Working Principle

污泥首先通过的是由蓝海环境专业设计制造的水中造粒器，它可使污泥与药液发生无动力混合，充分发挥絮凝的作用。之后，污泥进入重力脱水区，在该区域内，含固率大于1%的污泥可以直接进行脱水，脱水后的污泥再进入压榨脱水区，通过了双重脱水的污泥其干度即在18-22%之间。另外，本设备采用的是气控调偏技术，在保证滤带以最佳状态运行之外还延长了滤带的使用寿命。

LHDSNS Belt Filter Press is a Biosolids/sludge dewatering device that applies mechanical pressure to a chemically conditioned slurry, which is sandwiched between two tensioned belts, by passing those belts through a serpentine of decreasing diameter rolls. The machine can actually be divided into three zones: gravity zone, where free draining water is drained by gravity through a porous belt; wedge zone, where the solids are prepared for pressure application; and pressure zone, where medium, then high pressure is applied to the conditioned solids. Typically, a belt filter press receives a slurry ranging from 1-4% feed solids and produces a final product of 18-22% cake solids. Performance depends on the nature of the solids being processed.

参数表/Parameter

设备型号		LHDSNS0.8	LHDSNS1.0	LHDSNS1.5	LHDSNS2.0	LHDSNS2.5
浓缩机功率 kW		0.75	0.75	1.1	1.5	1.5
压榨机功率 kW		1.5	1.5	2.2	3	4
带 宽 mm		800	1000	1500	2000	2500
浓缩滤带速度		5-17m/min				
压榨滤带速度		4-14m/min				
清洗水压		0.45-0.6Mpa				
外形 尺寸	长 mm	5770	5770	5770	7300	7300
	宽 mm	1620	1820	2320	3000	3500
	高 mm	2180	2180	2180	2400	2400
进泥含固率		≥1%				
泥饼含固率		18-22% （根据污泥性质的不同有所变化）				
进泥量 m³/h (含固率 1%)		5-10	10-16	16-26	26-36	36-46
出泥量 m³/h (含固率 20%)		0.25-0.5	0.5-0.8	0.8-1.3	1.3-1.8	1.8-2.3
绝干泥 m³/h		0.05-0.1	0.1-0.16	0.16-0.26	0.26-0.36	0.36-0.46

注：表中进泥量、出泥量、绝干泥根据污泥性质不同有所变化。

LH-DSTL 上传动低速推流器/ LH-DSTL Low speed plug

设备简介/Equipment Introduction

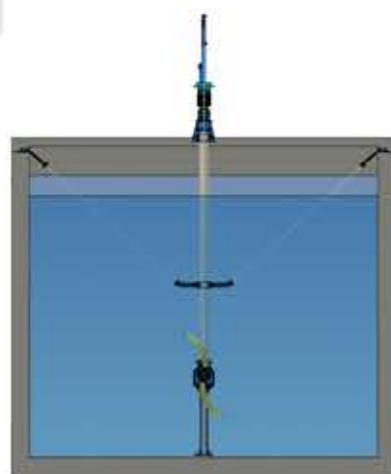
LH-DSTL系列上传动低速推流器是我公司开发研制的代替潜水电机式水下推流器的新型污水处理设备，该机广泛应用于城市污水处理、造纸、化纤纺织印染、食品酿造、石油化工等行业的污水处理曝气池，该机产生低切向的强力水流可用于循环及硝化、脱氮和除磷阶段创建水流循环。

LH-DSTL series, high speed transmission thruster is a new type of sewage treatment equipment developed by our company instead of underwater motor type, which is widely used in urban sewage treatment, paper making, chemical fiber textile printing and dyeing, food brewing, petrochemical and other industries of sewage treatment aeration tank. The low tangential strong water flow can be used for circulation and nitrification, denitrification and dephosphorization to create water flow circulation.

适用范围/Scope of Application

该设备在下列条件下能适应正常连续运行

- 最高介质温度不超过45°C;
- 介质的酸碱度PH值在5-9之间;
- 液体密度不超过1150kg/m³;
- 潜水深度不得超过6米。
- The equipment is suitable for normal continuous operation under the following conditions
- Maximum medium temperature not exceeding 45°C;
- The PH value of the medium is between 5 and 9.
- Liquid density shall not exceed 1150kg/m³;
- The diving depth shall not exceed 6 meters.



参数表/Parameter

设备型号	LH-DSTL1.6	LH-DSTL1.8	LH-DSTL2.2	LH-DSTL2.5
桨叶直径	1600mm	1800mm	2200mm	2500mm
桨叶转速	56r/min	56r/min	56r/min	56r/min
配备功率	3kW	4kW	5.5kW	7.5kW
工作电流	6.6A	8.6A	11.6A	13.9A
推 力	2000N	2900N	3600N	4600N
重 量	560Kg	560Kg	600Kg	650Kg
润滑方式	油池润滑	油池润滑	油池润滑	油池润滑
推荐机油	CKC220	CKC220	CKC220	CKC220
加注油量	18L	18L	18L	25L

LH-厌氧反应器/ LH-IC Anaerobic Reactor

设备简介/Equipment Introduction

LH-IC厌氧反应器是新一代高效多级内循环反应器，类似由二层UASB反应器叠加而成的。其功能可划分为五个区：

- 1.混合区：污水、颗粒污泥和回流对的泥水混合物在此区域内有效的混合；
- 2.第一厌氧区：在高浓度污泥作用下去除大部分有机物并转化为沼气，部分泥水混合物提升至反应器顶部气液分离区；
- 3.气液分离区：将混合物中沼气分离导出，泥水混合物返回混合区，实现泥混合物的内循环；
- 4.第二厌氧区：第一厌氧区的污水经三相分离器进入该区域，进一步将剩余有机物转化为沼气；
- 5.沉淀区：泥水混合物在该区域实现固液分离，上清液排出。

LH-IC Anaerobic reactor consist of two up flow anaerobic sludge blanket(UASB).Wastewater flows upwards though fluidized reactor and is degrade by anaerobic microorganisms, Methane is produced here and captured by a gas skirt and lift to air-liquid separator on the top of reactor,After separate from liquid, methane will be collected for further usage. The separated liquid back flow to the bottom which develop into a internal recycle. The effluent from primary UASB which has a much reduced BOD concentration need to be treated further by secondary UASB.The effluent from secondary UASB will be settle down in clarifier section before discharge.

设备特征/Equipment Features

- 适用于处理中、高浓度有机废水；
- 容积负荷高，可达到30kg COD/m³.d；
- 沼气利用价值高，产生的沼气纯度高；
- 出水稳定性好；
- 可以用国内厌氧污泥作为种泥进行启动；
- 抗负荷冲击能力强；
- 内循环系统大大减少动力设备投资、运行费用、维修费用；
- 占地面积小，其体积相当于普通反应器的三分之一到四分之一。

- Widely used for high organic wastewater treatment ;
- Organic loading can reach 30kgCOD/m³.d;
- By-product methane ,can be used as an energy source;
- Less anaerobic sludge ;
- High adjust ability ;
- Less cost for equipment , running and maintenance;
- Good heat preservation performance, without heat preservation equipment, cost-saving.

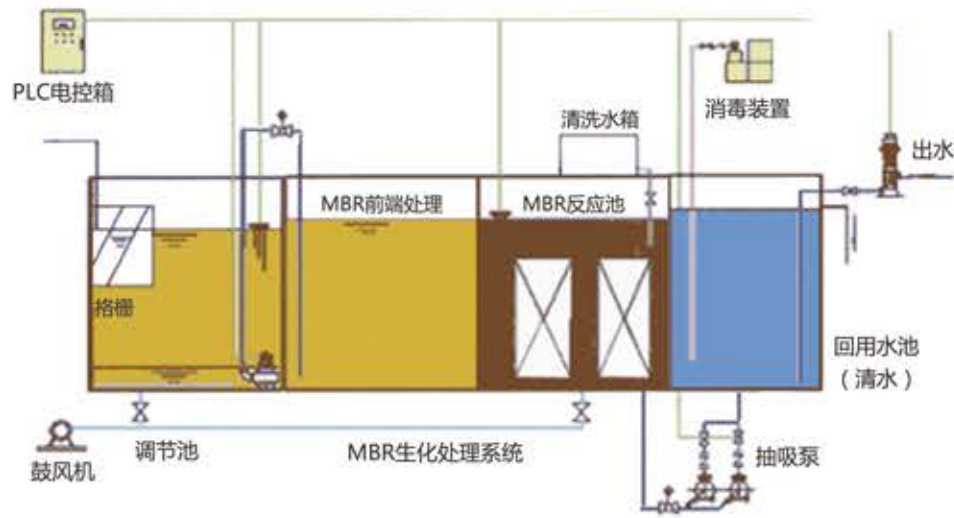


MBR一体化处理设备/
LHMSW Membrane Bioreactor (MBR)

设备简介/Equipment Introduction

新乡市蓝海环境科技有限公司生产的MBR一体化污水处理设备是利用膜生物反应器（MBR）进行污水处理及回用的一体化设备，其具有膜生物反应器的所有优点：出水水质好，运行成本低、系统抗冲击性强、污泥量少，自动化程度高等，另外，作为一体化设备，还具有占地面积小，便于集成的优点。它既可以作为小型的污水回用设备，又可以作为较大型污水处理厂（站）的核心处理单元，是目前污水处理领域研究的热点之一，具有广阔的应用前景。

Membrane bioreactor (MBR) is the combination of a membrane process like microfiltration or ultrafiltration with a suspended growth bio-reactor, and is now widely used for municipal and industrial wastewater treatment. The main features of our MBR include: high quality outlet, lower running cost, high adjust ability, less sludge outcome, automate operation and less land occupied. It can be used both for a small complete wastewater treatment system and a post-treatment for a large wastewater treatment plant.



进出水水质/Affluent Quality

项目	进水水质	出水水质
pH	6-9	6-9
COD(mg/)	≤500	≤50
BOD(mg/L)	≤300	≤10
SS(mg/L)	≤100	≤10

设备特征/Equipment Features

能够处理生活系统综合性废水及其相类似的有机污水；
采用碳钢防腐、玻璃钢、不锈钢结构，具有耐腐蚀、抗老化等优良特性，使用寿命最高可达50年；
全套装置施工简单、操作容易，所有设备均为自动化控制。

- 1. A perfect choice for a small size domestic wastewater treatment system.
- 2. Fiberglass and stainless steel, with good Anti-corrosion performance, working life can reach over 50 years.
- 3. Simple installation and operation, auto control system.



LLHZXN-周边传动刮（吸）泥机/ LHZGN Peripheral Driving Sludge Thickener

设备简介/Equipment Introduction

周边传动刮（吸）泥机，是城市水厂、污水处理厂及工业废水处理厂常用的沉淀池设备。周边传动刮（吸）泥机主要适用于辐流式沉淀池、竖流式沉淀池等。沉淀池采用中间进水、排泥，周边排水，或者周边进水、排水，中间排泥的形式，保证水流均匀。

LHZGN periphery driving thickener is installed on medium and large size circular clarifier tanks in wastewater treatment plant. Inlet water and sludge discharge pass through the center pit of bottom, Outlet water overflow around tank, which keeps a stable water quality and quantity.

工作原理/Working Principle

周边传动刮（吸）泥机，由主梁、端梁、驱动装置、刮泥板、抽真空系统、导流筒、撇渣装置、集渣斗、中心支座、集电器、控制柜等组成。主梁在驱动装置带动下，绕池中心轴线旋转，将沉积在池底的污泥由刮泥板刮集至各吸泥口，在液位的作用下，污泥经吸泥口，输泥槽、虹吸管、中心泥罐、中心排泥管排至污泥坑。每个吸泥管上端设有调节器，以调节各吸泥管的流量分配。同时，液面上的浮渣向随主梁旋转的撇渣板和周边浮渣挡板形成的渐缩区域内集中，直至其封闭边—刮渣摆臂。由摆臂上的刮渣板刮集至集渣斗排出池外。

LHZGN periphery driving thickener consists of a mobile steel girder, double lateral trolley, two rotation units with peripheral drive system, a scraping unit, an evacuating device, a scum skimming unit, flow guidance, solids collection bucket, center supports, electrics and control box. The sludge inlet is in the middle, but the flow is deviated by the baffle in order to optimize the thickening. The sludge scraper blades, made in standard section, remove the sludge accumulated on the bottom and collect it in a central pit wherefrom, by a piping, is conveyed to the outlet. Outlet sludge can return or disposal to sludge thickening tank. Scum above water is skimmed to collection bucket for further disposal.



设备特征/Equipment Features

- 1.桁桥架结构、重量轻；
- 2.节约运行费用、维护管理方便；
- 3.新型的传动装置，安装方便；
- 4.可根据特定的要求配置过扭保护机构，当扭矩值达到设定值时自动报警停机，安全可靠；
- 5.可根据用户设定设备的启、停及运行时间，可带PLC接口。



- a. Truss bridge structure, more weight light;
- b. Lower operation cost, simple maintenance and management;
- c. New transmission device, simple installation;
- d. Can be equipped with over-torque protection, when torque reach to a certain place, it will give alarms and stop, safe and reliable;
- e. can be equipped with PLC interface and customized start/ stop time.



参数表/Parameter

型号	池子直径(m)	池深(m)	功率(kw)	周边线速度(m)
LHZXN-12	12	3.5	0.18	1-2
LHZXN-14	14	3.5	0.18	1-2
LHZXN-16	16	3.5	0.25	1-2
LHZXN-18	18	4.0	0.25	1-2
LHZXN-20	20	4.0	0.37	1-2
LHZXN-25	25	4.0	0.37	1-2
LHZXN-30	30	4.5	0.55	1-2
LHZXN-36	36	4.5	0.55	1-2
LHZXN-42	42	4.5	0.75	1-2
LHZXN-48	48	4.5	0.75	1-2
LHZXN-56	56	4.5	1.10	1-2

LHHGN-行车式刮（吸）泥机/ LHHGN Truss Bridge Sludge Thickener

设备简介/Equipment Introduction

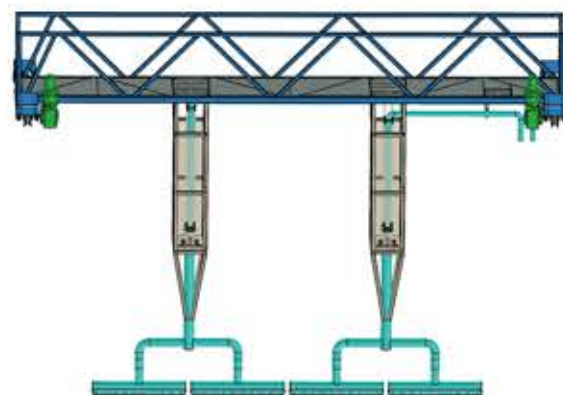
LHHGN-行车式刮（吸）泥机，应用于污水处理厂平流沉淀将沉降在池底的污泥刮到泵吸泥口，通过泵吸或者泵吸与虹吸相结合，边行走边吸泥，然后将污泥排出池外，高效解除清理池底污泥之苦。

LHHGN Truss bridge sludge thickener is widely used for removing solid matters of flat flow clarifier tanks. The sludge at the bottom will be scraped to the pump suction port. Combined with siphon and pump suction, the sludge will be removed while walking.

工作原理/Working Principle

本设备由四点支撑行走大梁横跨在平流式沉淀池上，双边驱动，池两边均铺设钢轨，从池的一端运行到池子的另一端，边行走边吸泥，到池端自动返回，回步同程吸泥，完成一个工作周期。悬浮液从长方形沉淀池的头部进入，向池内扩散；比重大于水的小颗粒杂质，向下沉于池底，被吸泥嘴吸入管内，用污水泵排放到污泥池。

Supported by four point and travels along rectangular clarifier, bi-side driving on steel rails, LHHGN Truss Bridge Sludge Thickener move from one side of tank to the other side, sucking while moving, when it reach to end, back moving and sucking. The suspension enters from beginning of rectangular clarifier and spreads to the tank; The particles weight than water will be settle down on bottom, and sucked into the pipe by the suction nozzle then pumped to sludge thickening tank.



设备特征/Equipment Features

LH型系列吸泥机是在总结我国多年来设计、运行经验的基础上选用国产更新换代元、器件设计的新一代吸泥机，特点如下：

- 1.采用潜水无堵塞泵吸泥，性能好，重量轻、克服了过去使用液下泵因轴长易引起振动而产生的 磨损及安装、维修困难的缺陷；
- 2.采用小容量潜污泵，可实现每台泵只带一个吸泥咀。从而即使在沉淀池出水端具有纵向出水槽及其支墩的给水工艺布置，吸泥机仍然通行无阻；
- 3.泵/虹吸两用：在具有虹吸排泥条件的沉淀池，可充分利用出水堰和排泥口的位差，在潜污泵启动出泥后切断潜污电源，由泵吸转换为虹吸，既省水节能又省去了系统抽空装置；
- 4.由于不用抽真空装置，操作简单方便易于实现自动化和微机管理。

LHHGN Truss Bridge sludge thickener is our new-designed equipment with features of followings:

- a.Submersible sludge sucking pump, no clogging, light weight, no shaft vibration issue;
- b.Small capacity Submersible sludge sucking pump, each suction system installed with a pump;
- c. Pump sucking & siphoning ;
- d.No evacuating device, auto controlling system ,easy handle and maintenance.

参数表/Parameter

型号	LHHG(X)N-4	LHHG(X)N-6	LHHG(X)N-8	LHHG(X)N-10	LHHG(X)N-12	LHHG(X)N-15	LHHG(X)N-18	LHHG(X)N-20
池宽 m	4	6	8	10	12	15	18	20
跨度 m	根据实际情况而定							
轮距 m	根据实际情况而定							
速度 m/min	1-1.5							
驱动功率 kw	0.25	0.37	0.55	0.37*2	0.37*2	0.55*2	0.55*2	0.75*2
水泵要求	根据实际情况而定							
水泵数量	根据实际情况而定							
池深 m	3-5							
钢轨型号	22kg/m-24kg/m GB11264-89				30kg/m GB11264-89			

LHQF-气浮澄清器 LH-QF Dissolved Air Flotation (DAF)

设备简介/Equipment Introduction

LHQF-气浮澄清器是一种新型污水气浮净化设备，能有效分离污水中的悬浮物、重质颗粒。具有动力消耗低、处理效率高、易维护、安装简便无土建等优点，是目前最高效的气浮类设备之一。

LHQF Dissolved Air flotation (DAF) is used to treat wastewater that Contain free floating or emulsified oil, dissolved heavy metals, soaps, surfactants, and many other waste streams. With the features of lower power consumption, high treat efficiency, simple installation and maintenance, it is one of the most popular dissolved air flotation clarifier in China.

设备特征/Equipment Features



工作原理/Working Principle

待处理污水，经污水处理泵提升至气浮机进水仓内，和容器泵的溶汽水混合后，在释放区域内形成大量微细气泡，附着在悬浮物颗粒上，使絮状物上浮到水面，由刮渣板刮至排渣口后排出；重质颗粒物经斜板沉淀区，沉降到设备底部的集泥斗，通过管道外排至污泥池中，进行后续处理；澄清后的净化水由设备中心管排出机外。

The removal is achieved by dissolving air in the water or wastewater under pressure and then releasing the air at atmospheric pressure in a flotation tank. The released air forms tiny bubbles which adhere to the suspended matter causing the suspended matter to float to the surface of the water where it may then be removed by a skimming device.

Our DAF unit designs utilize parallel plate packing material (e.g. lamellas) to provide more separation surface and therefore to enhance the separation efficiency of the unit.

参数表/Parameter

型号	LHQF-10	LHQF-25	LHQF-50	LHQF-80
处理量(m³/h)	10	25	50	80
尺寸 L*B*H(mm)	4000*2000*2250	6000*2500*2250	8000*2800*2550	9000*3000*2550
回流水泵 Kw	4	5.5	7.5	11
刮沫机功率 Kw	0.37	0.37	0.55	0.75
空压机功率 Kw	1.5	1.5	2.2	3

LHJYXT-自动加药系统/ LHJYXT- Auto Dosing Machine

设备简介/Equipment Introduction

自动加药系统是一种集投药、搅拌、输送液体、自动控制于一体的成套设备，可用于污水处理系统、电厂原水、锅炉给水、油田地面集输脱水处理系统、石油化工等行业的加药处理系统。可投加絮凝剂、助凝剂、磷酸盐、氨液、石灰水、缓蚀剂、阻垢剂、杀菌灭藻剂等。

Function with dosing, mixing, conveying and automatic controlling, LHJYXT auto dosing machine is widely used for raw water treatment of power plants, boiler feedwater treatment, oilgathering dewater treatment, all kinds of chemical dosing and wastewater treatment, also can be used for automatic dosing of coagulate, phosphate removing agent, ammonia, whitewash, corrosion inhibitor antisludging agent, etc.

设备特征/Equipment Features



自动化程度高,采用PLC或液位计控制系统,操作简单、方便;采用单螺旋给料器投加干粉,设备可控制,投料均匀、分散、精准;采用三槽溢流式溶液操作系统,使设备结构简单、体积小、安装方便;在规定的生产量及连续投液条件下,所配制溶液的熟化时间保证在1小时左右,其配制的浓度为0.1%--0.3%;系统稳定可靠,有故障时相关设备会自动按要求停止,同时发出声光警报。

Highly automatic control, KPL control system, easy handle. Special design Multi blade mixer. Compact structure, less room occupied, simple installation. In condition of certain output and continuous working, the chemical ready time is about 1 hour, density about 0.1%-0.3%. High stability, it will give alarm and stop working when it goes fault.

参数表/Parameter

型号	制备量 L/H	搅拌机功率 kw/set	喂料机功率 kw	设备尺寸 L*W*H(mm)
LHJYXT1	1000	0.75*2	0.37	2000*800*1560
LHJYXT2	2000	1.1*2	0.37	2600*1000*2000
LHJYXT3	3000	1.5*2	0.37	3000*1200*1950

LH-旋转式滗水器/ LH Rotary Decanter

设备简介/Equipment Introduction

由蓝海环境设计生产的滗水器具有滗水效果好、动作灵敏可靠、能耗低、无噪音、自动化程度高、集中管理方便，体积小、故障率低、维护方便等优点。可广泛适用于城市污水处理厂及造纸、啤酒、制革、制药、食品、垃圾处理等行业的污水处理中。

With advantages of high working efficiency, agility, energy saving, noiseless, automatic control, small size, and easy maintenance, LH rotary decanter is widely used for municipal sewage treatment plant and industrial wastewater treatment plant, like paper mill, brewery, food industrial, etc.

设备特征/Equipment Features

越接近污泥，
滗水速度越慢，
出水水质好。
同时水下部件全部采用不锈钢，利于安装维护。

01
智能滗水

02
适应性强

通过内部参数设定和调整变频器参数，即可相应改变滗水器的运行速度和运动范围，适应不同水质水量要求。

03
防护罩

行程控制机构全部置于防护罩内，不受风雨的侵蚀。

04
密封接头

密封旋转接头，转动灵活，密封性好，密封圈更换便捷。



参数表/Parameter

参数/型号	200	300	400	500	600	700	800	900	1000	1200	1500	1800	2000	2500	3000	
处理量 Q(m³/h)	200	300	400	500	600	700	800	900	1000	1200	1500	1800	2000	2500	3000	
堰口长度 L(m)	20	30	40	50	60	70	80	80	80	96	120	144	160	200	240	
最大滗水深度(m)	14-30															
电机功率 N(kw)	0.75			1.1			1.5			2.2			3.0			
安 装 尺 寸 (m)	Φ1	320	350	420	500	550	550	600	600	650	690	750	600	600	690	750
	Φ2	350	380	450	530	580	580	630	630	690	730	790	640	640	740	790
	L2	19	29	39	49	59	69	79	79	79	65	119	143	159	199	239
	L3	15	20	25	30	35	40	45	45	45	53	65	77	85	105	125
	L4	--	--	--	--	--	--	--	--	20	24	30	36	36	45	50
H1	3						3.5						4.5			
土建	P1(KN)	20			30			40			45			60		
荷载	P2(KN)	8			10			15			20			30		

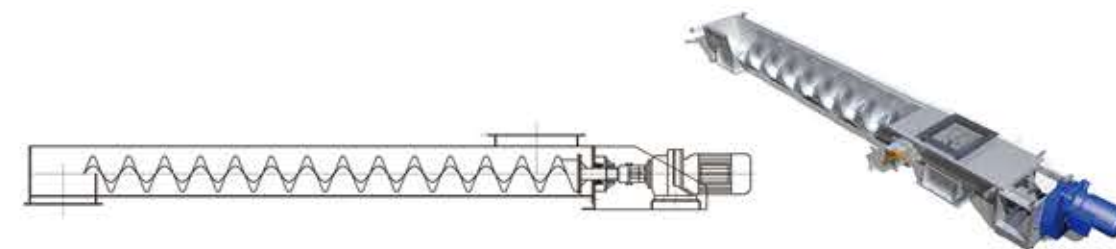
LH-无轴螺旋输送机/ LH Shaftless Screw Conveyor

设备简介/Equipment Introduction

无轴螺旋输送机是一种无中心轴，靠螺旋体的旋转来推进并输送泥饼的设备。由驱动电机、支架、输送螺旋、U型槽、衬板、盖板和进料口组成。其具有结构紧凑、节省空间、无轴输送流畅、有效防止堵塞和缠绕等特点。而且，整个输送过程在封闭的槽体内进行，物料无外泄，避免二次污染。

LH shaftless screw conveyor transfer materials by rotary of screw, consist of driven motor, support frame, conveying screw, U shape tank, lining plate, cover plate, and feeding section. It has advantage of compact structure, space saving, smooth material handling and no clogging and binding. Plus, the entire transfer process occurs in a closed tank, no materials escape and no secondary pollution.

设备特征/Equipment Features



- 采用无轴螺旋工艺，与物料接触面积小，摩擦力低，避免了堵塞缠绕等现象。
- 支撑采用整体压制U型槽结构，强度高，带有可拆卸上盖板，便于观察物料输送情况。
- U型槽和无轴螺旋之间采用可以快速拆卸的耐磨衬板，维修操作方便。
- 驱动部分采用摆线针轮减速机，噪音小，传动平稳。
- 加厚的螺旋片、性能优良的耐磨衬板等优化设计使得整机使用寿命更长。

参数表/Parameter

参数/型号	螺旋片直径 mm	叶片螺距 mm	处理量 m³/h	转速 r/min	功率 kw
LH-260	260	260	3	19	1.5
LH-280	280	280	5	19	2.2
LH-300	300	300	7	19	3.0
LH-320	320	320	8	19	4.0
LH-360	360	360	10	19	4.0
LH-400	400	380	15	19	5.5

 LHZG-转鼓式格栅除污机/
LHZG Rotary Drum Screen

设备简介/Equipment Introduction

LHZG-转鼓式格栅除污机，又称螺旋压榨格栅或螺旋细格栅，是前道污水处理工艺，适用于城市污水、工业废水和生活废水处理工程，拦截水中漂浮物和大颗粒悬浮物，集拦污、螺旋提升、压榨栅污为一体，为目前比较工艺比较先进的细格栅除污机。

LH Rotary drum screen is a mechanical filter used to remove large objects, such as rags and plastics, from wastewater. It normally installed ahead influent pump in wastewater treatment plant .It is part of the primary filtration flow and typically is the first, or preliminary, level of filtration. With the features of compact structure, stable operation, easy handle and automatic cleaning. It is an essential equipment being installed at the influent to wastewater treatment plant.

设备特征/Equipment Features



参数表/Parameter

型号		LH-600	LH-800	LH-1000	LH-1200	LH-1400	LH-1600	LH-1800	LH-2000	
转鼓直径(m)		0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	
标准栅网长度(m)		0.65	0.85	1.00	1.20	1.40	1.50	1.65	1.85	
输送管外径(mm)		159	219	219	273	273	325	325	325	
栅前最高水位 H3(m)		0.4	0.52	0.67	0.82	0.95	1.1	1.25	1.35	
标准安装角度(m)		35°								
普通渠道深度 H2(m)		0.6-0.8	0.7-1.0	0.9-1.2	1.1-1.4	1.2-1.6	1.4-1.8	1.6-2.0	1.8-2.1	
标准排渣高度 H1(m)		1.0								
最小安装长度 A(m)		3.0	3.3	3.6	4.0	4.3	4.7	5.0	5.3	
最大过水 流量估算 m³/h	栅 隙	0	80	135	235	315	450	585	745	920
		1	125	215	370	505	720	950	1205	1495
		2	190	330	555	765	1095	1440	1830	2260
		3	230	400	680	935	1340	1760	2235	2755
		4	235	430	720	1010	1440	2050	2700	3340
	5	250	465	795	1105	1575	2200	2935	3660	

 LHXG-回转式格栅除污机/
LHXG Mechanical Bar Screen

设备简介/Equipment Introduction

LHXG型回转式格栅除污机由机架、驱动、传动、筛网、清污机构、电气控制等部分构成,其结构新颖、占地面积小、运行平稳、安全可靠、能耗低、安装维护方便,广泛被用于各类泵站进水口、城市污水处理厂及工业废水处理工艺中拦截和清除漂浮污物及固液分离。

A bar screen is a mechanical filter used to remove large objects, such as rags and plastics, from wastewater. It is normally installed ahead influent pump in wastewater treatment plant. It is part of the primary filtration flow and typically is the first, or preliminary, level of filtration. With the features of compact structure, stable operation, easy handle and automatic cleaning. It is an essential equipment being installed at the influent to wastewater treatment plant and solid-liquid separation for industrial wastewater.



工作原理/Working Principle

回转式格栅连续旋转运动,耙齿将污水中固体悬浮物截留,当截留物输送到设备上部时,耙齿改变运动方向,固体杂物自行落下,粘在耙齿上的杂物依靠清污机构的橡胶刷反向运转将其清除干净。过载时,弹簧下压,接近板靠近接近开关,使电机停止运转。

The steel bars goes rotation motion. It captures waste in water while bars going up , waste falling down while bars going down on the other side of machine, Some waste sticking on the bars can be cleaned by rubber brush . At the scenario of overload, a protection spring push down to shut down the motor and stop working.

参数表/Parameter

[illegible]



蓝海环境，与您共创辉煌

Creating brilliance

合作 团结 发展 交流 共赢 为祖国的碧水蓝天砥砺前行

DEDICATED SERVICE TO THE WORLD
CREATE OUR FUTURE TOGETHER

LANHAI 蓝海科技
BASED ON CHINA, SERVING THE WORLD.