



Focus on sludge and promote
the development of environmental
protection industry

聚焦污泥 助力环保产业发展



广东吉康环境系统科技有限公司

研发基地：广东省佛山市南海区丹灶镇东阳三路 1 号

智能化工厂：广东省佛山市南海区丹灶镇华南五金产业基地迎金二路 1 号

电话：4008080920

邮编：528216

网址：www.gdjikang.com

R&d Base: No.1, Dongyang Third Road, Danzao Town,
Nanhai District, Foshan city, Guangdong Province

Intelligent Factory: No.1, Yingjin Two Road, Danzao Town.
Nanhai District, Foshan city, Guangdong Province

Phone: 4008080920

Zip code: 528216

Website: www.gdjikang.com

RONGDAJIKANG |

新一代低温闭式循环污泥干化设备

A NEW GENERATION OF LOW-TEMPERATURE CLOSED-CYCLE SLUDGE DRYING EQUIPMENT



- 医药污泥 ■ 市政污泥
- 表面处理污泥 ■ 化工制革污泥
- 造纸污泥 ■ 含油污泥
- 印染污泥



荣达吉康[®]
RONGDAJIKANG

CONTENTS

目录

- 01 品牌简介**
Brand introduction
 - 03- 公司简介
Company Profile
 - 05- 公司荣誉
Honor
 - 07- 国标起草单位
National Standard Drafting member
 - 08- 技术优势
Technical advantages
 - 08- 合作单位
Cooperator unit
 - 09- 企业历程
Corporate History
- 02 生产制造**
Manufacturing
- 03 技术优势**
Technical advantages
- 04 产品展示**
Products
 - 19- 中小型涡旋式污泥低温干化设备
Small and medium sized scroll sludge low-temperature drying equipment
 - 21- 大型涡旋式污泥低温干化设备
Large scroll type low temperature sludge drying equipment
 - 23- 余热驱动型污泥低温干化设备
Waste heat driven sludge low-temperature drying equipment
 - 25- 车载移动式污泥低温干化设备
Vehicle-mounted mobile sludge low-temperature drying equipment
- 05 工程案例**
Engineering case
 - 市政行业
Municipal industry
 - 表面处理行业
Surface treatment industry
 - 化工行业
The chemical industry
 - 食品、制药行业
Food and pharmaceutical industries
 - 造纸行业
Pulp and paper industry
 - 印染行业
Printing and dyeing industry
- 06 售后服务**
After-sales service

聚焦污泥
助力环保产业发展

黄晓峰

COMPANY PROFILE

公司简介

企业愿景

做污泥减量领域国际知名品牌

企业使命

将污泥变废为宝，美化人居环境

核心价值观

诚信、创新、与伙伴、客户、对手共创共赢



高效管理

人员工作流程短
生产销售一体化，
专业的生产公司！

广东吉康环境系统科技有限公司成立于2018年，位于享有“功夫之乡”美誉的广东省佛山市。公司由拥有近30年暖通制冷行业经验的广东西屋康达空调有限公司（中外合资）引进美国先进技术，联合企业高管团队及环保资深专家共同出资组建，是一家集研发、生产、销售、售后服务为一体的技术驱动型服务企业。立志聚焦污泥处理行业，将污泥变废为宝、美化人居环境作为企业使命，致力于打造污泥减量领域国际知名品牌。

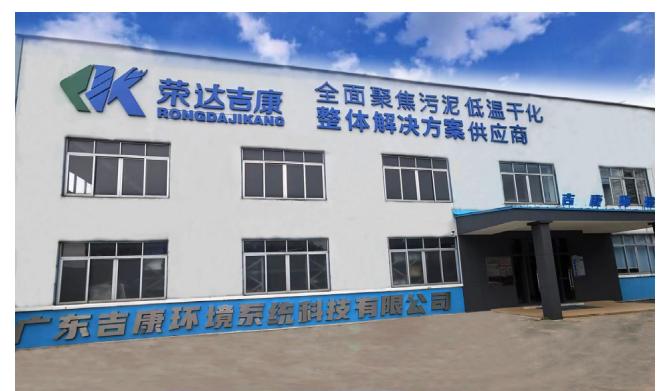
经验丰富

公司自成立以来，一直从事
污泥减量服务，深受
广大客户信赖！

为了更好地服务客户、满足不同客户的需求，公司推出了四大系列机组：中小型涡旋式污泥低温干化设备、大型螺杆式污泥低温干化设备、余热驱动式污泥低温干化设备、小型车载移动式污泥干化设备。我司的产品适用面广，24小时全自动化生产，适用于表面处理、市政、生物制药、印染、化工、造纸、石油等行业需求。

Guangdong Jikang Environmental System Technology Co., Ltd. was established in 2018 and is located in Foshan City, Guangdong Province. It is imported the USA advanced technology by Guangdong Siukonda Air Conditioning Co., Ltd. which is a Sino-foreign joint ventur with nearly 30 years of experience in the HVAC industry, and formed by senior environmental protection experts and Siukonda senior management team. It is a technology-driven service company integrating R&D, production, sales and after-sales service. It is committed to turning sludge waste into treasure, beautifying the living environment, and building an international well-known brand in the field of sludge reduction.

In order to better serve customers and meet the needs of different customers, the company has launched four series of units: small and medium-sized scroll sludge low-temperature drying equipment, large screw-type sludge low-temperature drying equipment, and waste heat-driven sludge low-temperature drying equipment. Chemical equipment, small vehicle-mounted mobile sludge drying equipment. Our products have a wide range of applications and are fully automated 24 hours a day. They apply to surface treatment, municipal administration, bio-pharmaceutical, printing and dyeing, chemical, paper, petroleum and other industries.



HONOR

公司荣誉



NATIONAL STANDARD DRAFTING MEMBER

国标起草单位

全国标准信息公共服务平台
National public service platform for standards information

电镀污泥减量化处置方法
Disposal method for electroplating sludge reduction

国家标准 推荐性 即将实施

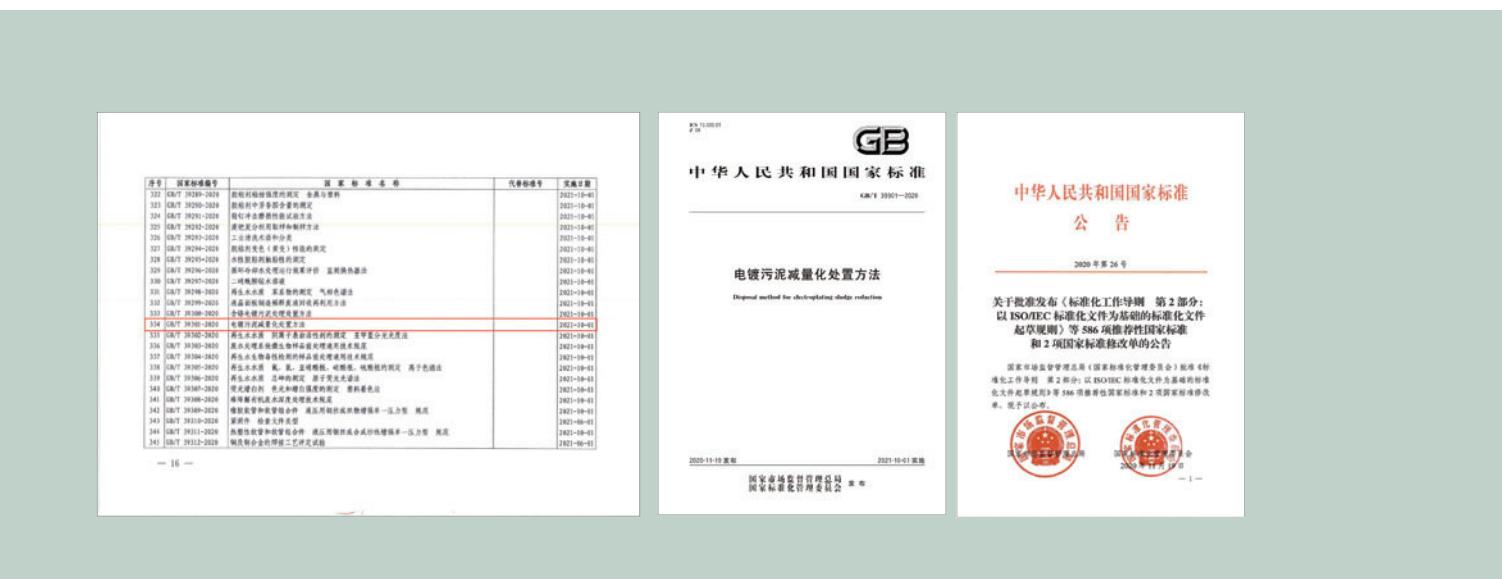
国家标准《电镀污泥减量化处置方法》由TC294（全国废弃化学品处置标准化技术委员会）归口上报及执行，主管部门为中国石油和化学工业联合会。

主要起草单位 重庆新申世纪新材料科技有限公司、蓝保（厦门）水处理科技有限公司、广东省资源综合利用研究所、广东金宇环境科技有限公司、广州市环境保护技术设备公司、**广东吉康环境系统科技有限公司**、深圳市高斯环境技术有限公司、重庆大学、浙江申联环保集团有限公司、同济大学、上海龙灯环保科技有限公司、广东环境保护工程职业学院、广东益诺欧环保股份有限公司、山东水发环境科技有限公司、中海油天津化工研究设计院有限公司、嘉善绿野环保材料厂。

主要起草人 申静、张继享、刘勇、周济、梁展星、**郭艳平**、王颂、赵纯、王治军、郭玉声、耿鑫、孙水裕、韩全、苏振兴、刘牡丹、俞明华、周吉奎、丁灵、霍莹、龙俊华、安晓英、弓创周。

2020年11月19日，国家市场监督管理总局、国家标准化管理委员会发布中华人民共和国国家标准公告（2020年第26号），其中由中国石油和化学工业联合会提出，广东吉康环境系统科技有限公司作为主要起草单位参与起草的《电镀污泥减量化处置方法》GB/T 39301-2020已正式发布，并定于2021年10月01日起正式实施。

On November 19, 2020, the National Standards Announcement of the People's Republic of China (No. 26, 2020) was issued by the State Administration for Market Regulation and the National Standardization Administration. "Methods for Electroplating Sludge Reduction and Disposal" GB/T 39301-2020, proposed by The China Petroleum and Chemical Industry Federation and mainly drafted by Guangdong Jikang Environmental System Technology Co., Ltd., has been released and is scheduled to be officially implemented on October 1, 2021.



TECHNICAL ADVANTAGES

技术优势

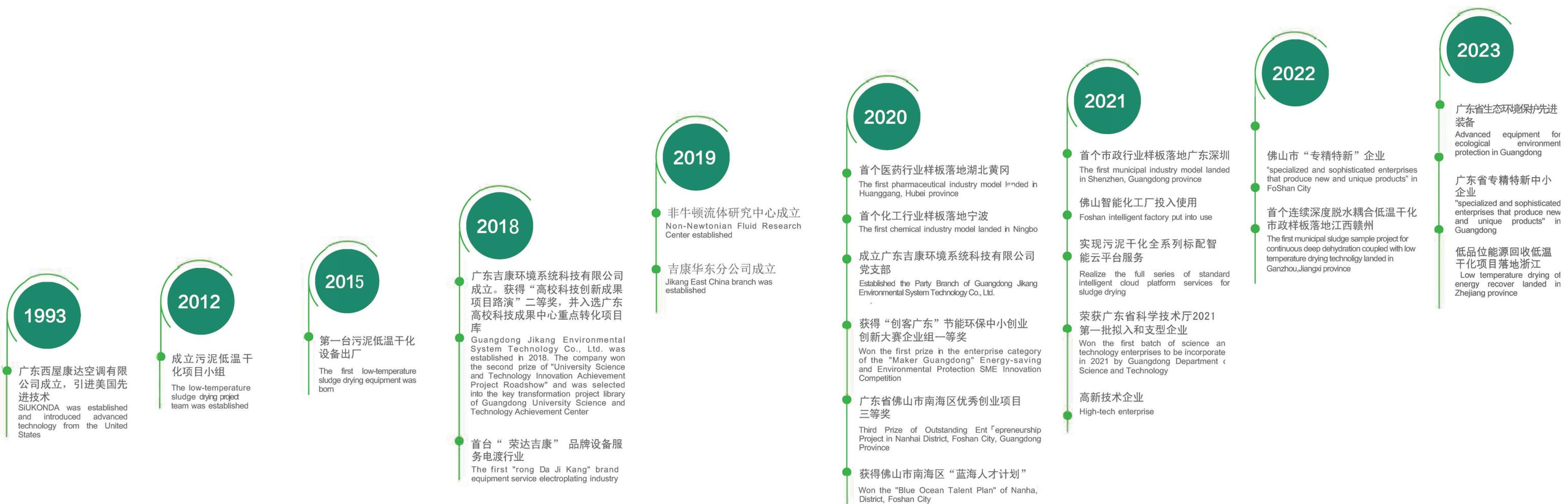


合作单位 COOPERATOR UNIT



CORPORATE HISTORY

企业历程



MANUFACTURING

生产制造



专业生产体系 · 严控产品品质

SYSTEM AND STRICT CONTROL OF
PRODUCT QUALITY



车间及设备

WORKSHOP AND EQUIPMENT

生产自动化能最大程度提高工作效率，减少手工带来的误差，从而提升产品质量及降低生产成本。因此我们不断引进国内外先进的生产技术和生产设备，同时不断借鉴国内外完善的生产管理体系，使我们的生产力得到大力的发展与不断的提高，同时保证产品质量的长期稳定与不断的提升。

Production automation can maximize work efficiency and reduce manual errors, thereby improving product quality and reducing production costs. Therefore, we continue to introduce advanced production technology and production equipment at home and abroad, and continue to learn from the perfect production management system at home and abroad, so that our productivity has been vigorously developed and continuously improved, while ensuring the long-term stability and continuous improvement of product quality.



MANUFACTURING

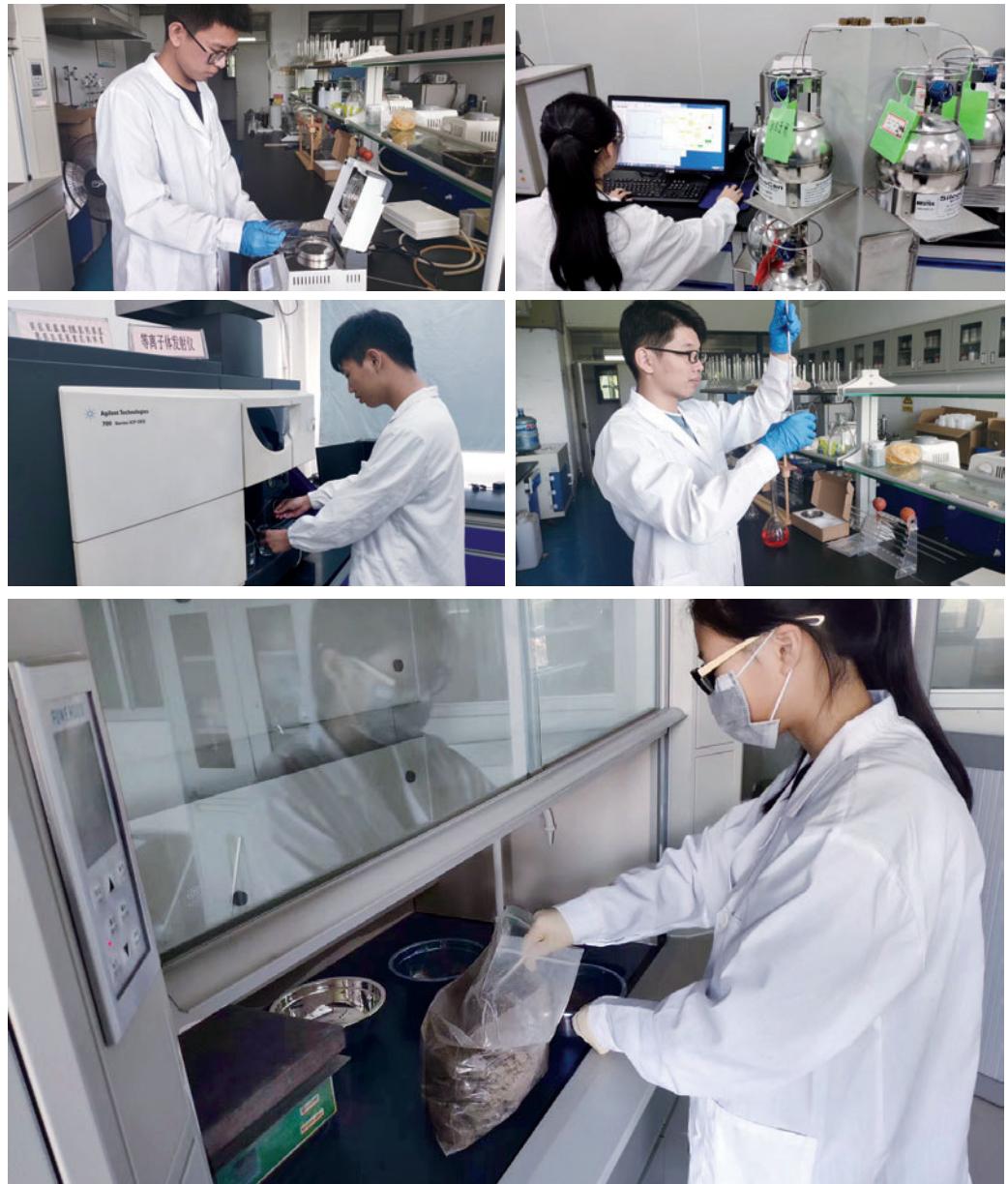
生产制造

非牛顿流体脱水研究中心

RESEARCH CENTER

公司依托西安交通大学、哈尔滨工业大学、华南理工大学等高校平台资源，创建了“非牛顿流体脱水研究中心”，对污泥特性、除湿系统精细化数值模拟、远程智能监控系统等方面进行深入研究和成果运用，打造“技术 IP”。

Relying on the platform resources of universities such as Xi'an Jiaotong University, Harbin Institute of Technology, South China University of Technology, the company established the "Non-Newtonian Fluid Dehydration Research Center" to conduct in-depth research on the characteristics of sludge, the refined numerical simulation of the dehumidification system, and the remote intelligent monitoring system. And the application of results to create a "technical IP".



产品综合性能检测中心

PRODUCT COMPREHENSIVE PERFORMANCE TESTING CENTER

我司拥有按国家标准建立的产品测试中心，包括采用空气焰差法和水量热计法的综合性能实验室与消音室。测试中心实验室由广州电器科学研究所设计，广州擎天成套装备工程有限公司和广州科赛环境技术有限公司施工建造，经国家家用电器计量所检定合格准予使用。

Our company has a product testing center established in accordance with national standards, including a comprehensive performance laboratory and anechoic room using air flame difference method and water calorimeter method. The testing center laboratory was designed by Guangzhou Electrical Apparatus Research Institute, constructed by Guangzhou Qingtian Complete Equipment Engineering Co., Ltd. and Guangzhou Kesai Environmental Technology Co., Ltd., and approved for use by the National Household Electrical Appliances Measurement Institute.



● 测试中心主控室 Test center master-control room



● 测试中心控制平台 Test center control platform



● 主机室外测试室 Host outdoor test room



● 主机室内测试室 Host indoor test room



● 噪音检测室 Noise testing room



● 盐雾试验室 Salt spray laboratory

TECHNICAL ADVANTAGES

技术优势

荣达吉康新一代低温闭式循环污泥干化设备采用独有的独立风道技术，将重要部件进行隔离，杜绝与腐蚀性气体接触，换热器采用独特的防腐技术，保证机组的使用寿命。

Rongda Jikang's new generation of low-temperature closed-cycle sludge drying equipment adopts unique independent air duct technology to isolate important components to prevent contact with corrosive gases. The heat exchanger adopts unique anti-corrosion technology to ensure the service life of the unit.

① 1度电除水 3.5–4.0 公斤，成本 200–250 元 / 吨

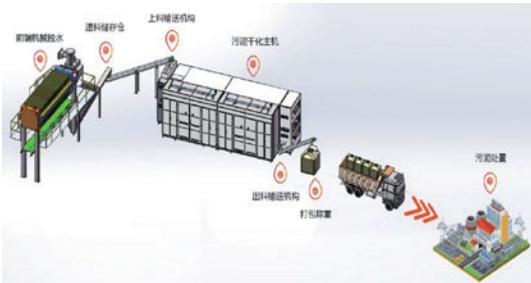
1 kilowatt-hour of electricity to remove water 3.5–4.0 kg, cost 200–250 yuan/ton

③ 烘干能力强，智能控制出泥含水量，10–40% 之间自动精确调节

Strong drying capacity, intelligent control of the water content of the mud, automatic and precise adjustment between 10–40%

⑤ 全自动一体化设计、安全维护简便

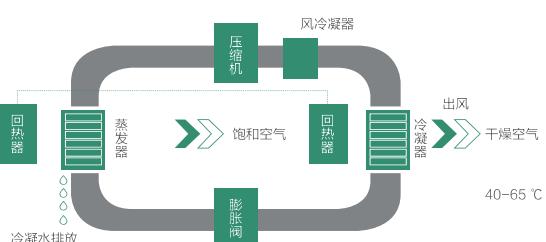
Fully automatic integrated design, safe and easy to maintain



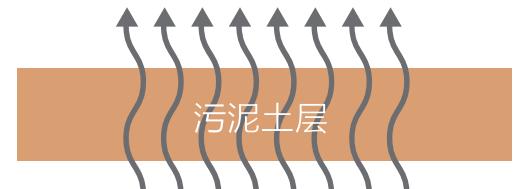
上泥 + 烘干 + 卸泥 + 控制 一体化
Mud loading + drying + mud unloading + control integration



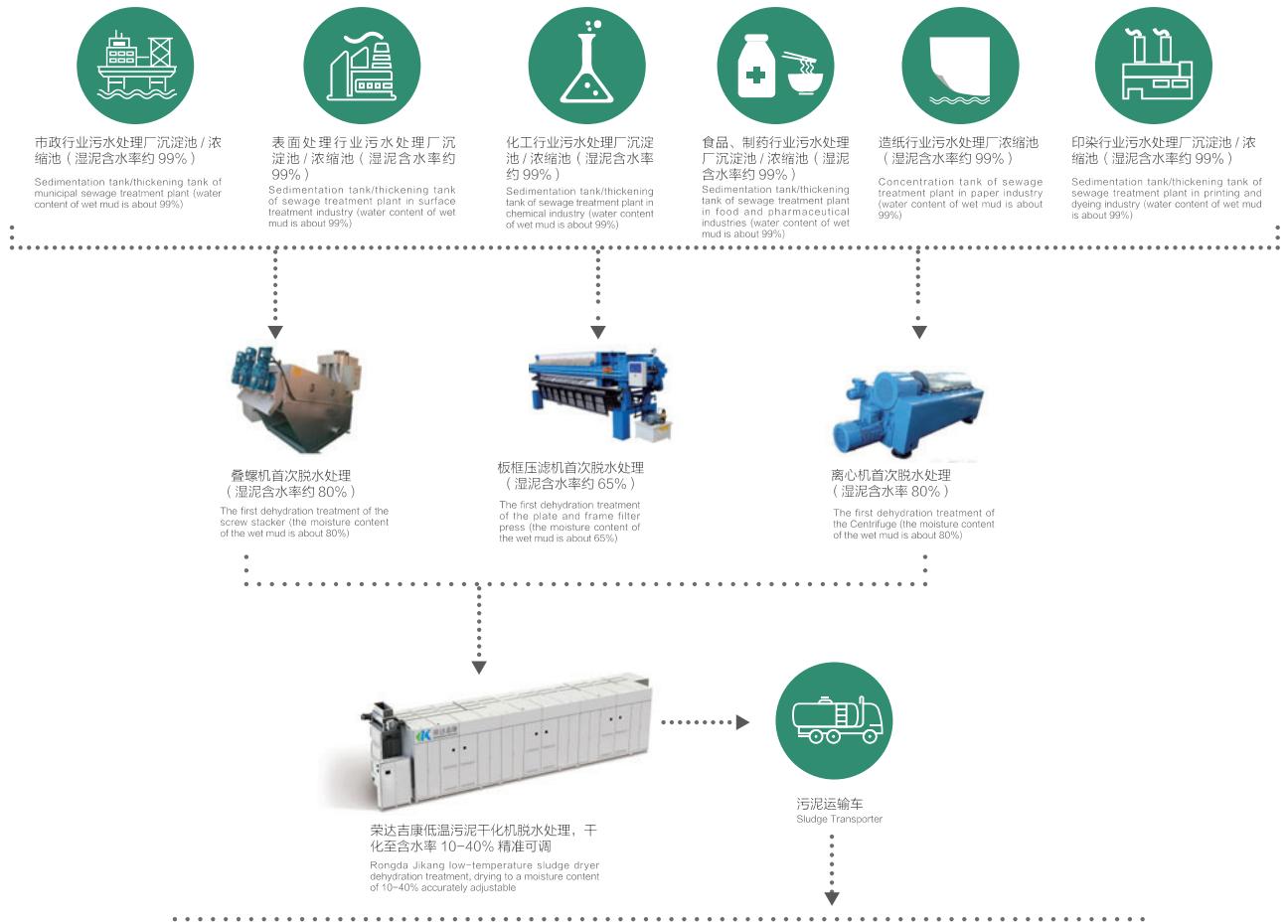
不同行业污泥成型状态图片
Picture of sludge forming status in different industries



除湿系统 + 能量回收完美结合 + 闭式循环结合
Perfect combination of dehumidification system + energy recovery + closed cycle combination



引流均匀，仅需传统机组的 1/10 风量，大大降低扬尘量
Uniform drainage, only 1/10 of the air volume of the traditional unit



以最小热量达到最快的水蒸发速度 | Achieve the highest water evaporation rate with minimum heat

项目 Item	吉康低温闭式循环 污泥干化设备 (热泵) Jikang of low temperature-closed circulating sludge drying equipment (heat pump)	吉康低温闭式循环 污泥干化设备 (余热) Jikang of low-temperature closed cycle sludge drying equipment (waste heat)	传统热泵烘干 Traditional heat pump drying	传统加热烘干 Traditional heating and drying
干化原理 Drying principle	湿度梯度，引流传质 Humidity gradient, mass transfer	湿度梯度，引流传质 Humidity gradient, mass transfer	表面蒸发 Surface evaporation	加热蒸发 Heated evaporation
干化温度 Drying temperature	40–65 °C	40–65 °C	70–80 °C	150–500 °C
每吨水蒸发成本 Cost per ton of water evaporation	200–250 元	60–120 元	260–300 元	500–750 元
每吨泥干化成本 Drying cost per ton of mud	100–120 元	35–80 元	130–150 元	250–400 元
热吸收模式 Heat absorption mode	全热吸收 Total heat absorption	全热吸收 Total heat absorption	部分热吸收 Partial heat absorption	部分热吸收 Partial heat absorption
主机制热能效 Thermal efficiency of main engine	400% 以上	--	250%	40%–60%
每度电蒸发水量 Water evaporation per kilowatt hour	3.5–4.0kg	8–12kg	2.5–3.0kg	1kg–1.5kg (或用其他热源)

TECHNICAL ADVANTAGES

技术优势

低温污泥干化设备工作原理

Working principle of low temperature sludge drying equipment

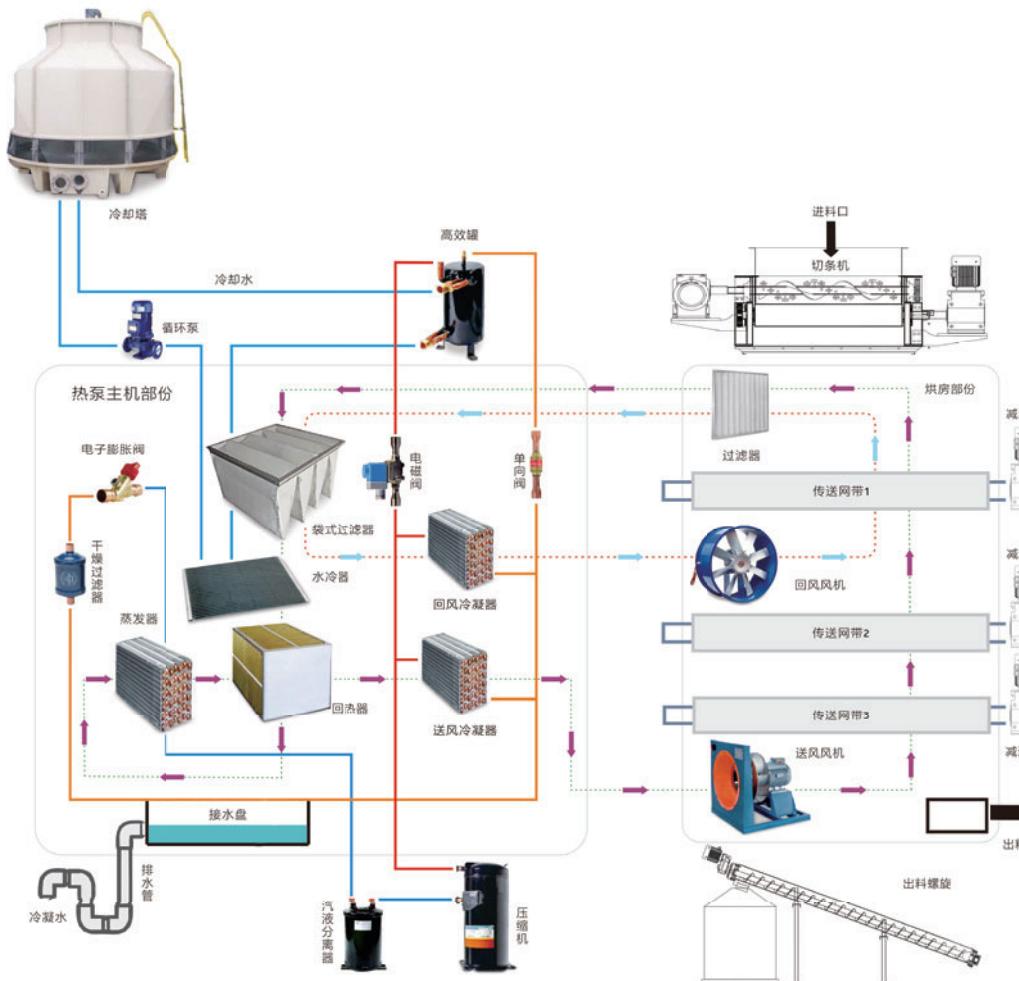
通过高温热源与除湿冷源共同作用产生40~60℃极干空气，穿透污泥动态传输网带将污泥水分蒸发，营造低温节能的烘干环境；吸水后的空气通过经济闭式循环，回到除湿冷源并冷凝出低温液态水排出的过程。

低温干化设备按能源分，可以分成电能型污泥低温干化与余热型污泥低温干化两种。电能型污泥低温干化主要以压缩机为动力源提供高温热源与除湿冷源，余热型污泥低温干化主要以现有废热产生的蒸汽或高温热水为高温热源、现有冷却塔冷却水或污水为除湿冷源。低温干化设备整体精简，一体化设计，智能可控；较传统的热干化方式，高效节能，无需额外废气粉尘处理。

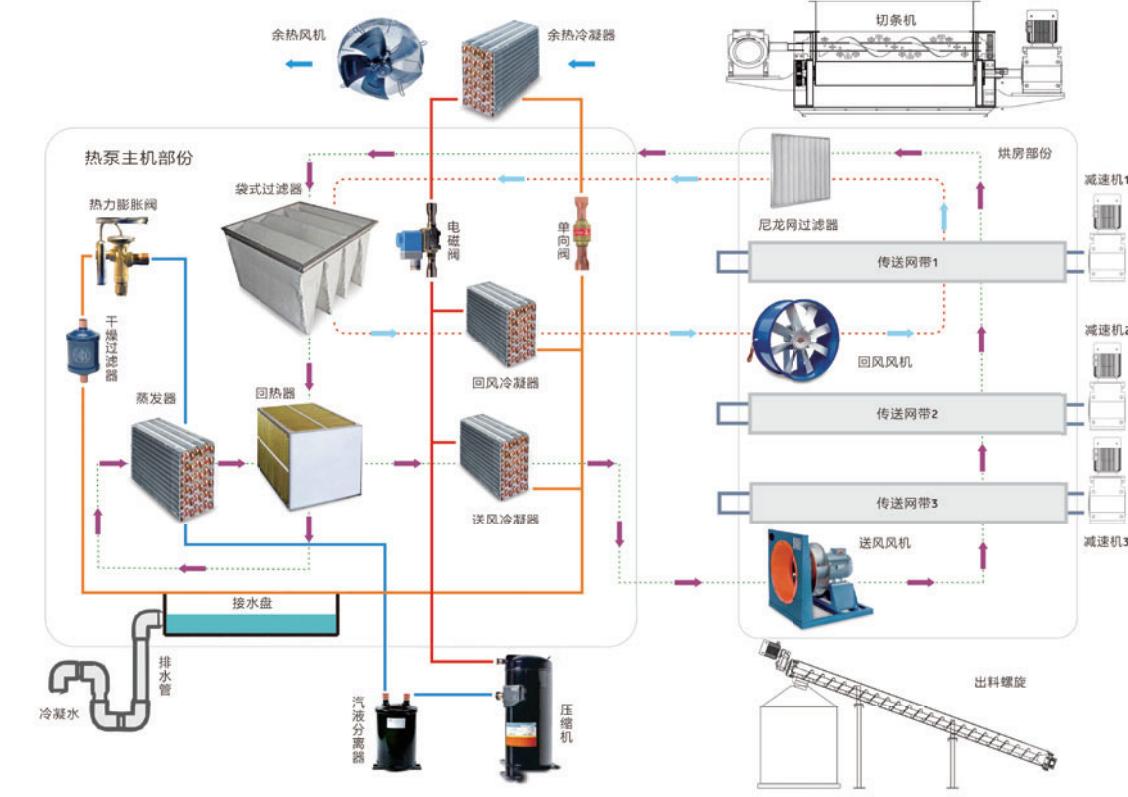
Through the joint action of high temperature heat source and dehumidification cold source, 40 ~ 60 °C extremely dry air is produced, which penetrates the sludge dynamic transmission network belt to evaporate the sludge moisture, creating a low-temperature and energy-saving drying environment; after absorbing water, the air returns to the dehumidification cold source and condenses low-temperature liquid water for discharge through the economic closed cycle.

According to energy, low temperature drying equipment can be divided into two types: low temperature drying of electric sludge and low temperature drying of waste heat sludge. The low-temperature drying of electric sludge mainly uses the compressor as the power source to provide high-temperature heat source and dehumidification cold source, while the low-temperature drying of waste heat sludge mainly uses the steam or high-temperature hot water generated by the existing waste heat as the high-temperature heat source, and the cooling water or sewage from the existing cooling tower as the dehumidification cold source. Compared with the traditional heat drying method, the low-temperature drying equipment is more efficient and energy-saving, without additional waste gas and dust treatment.

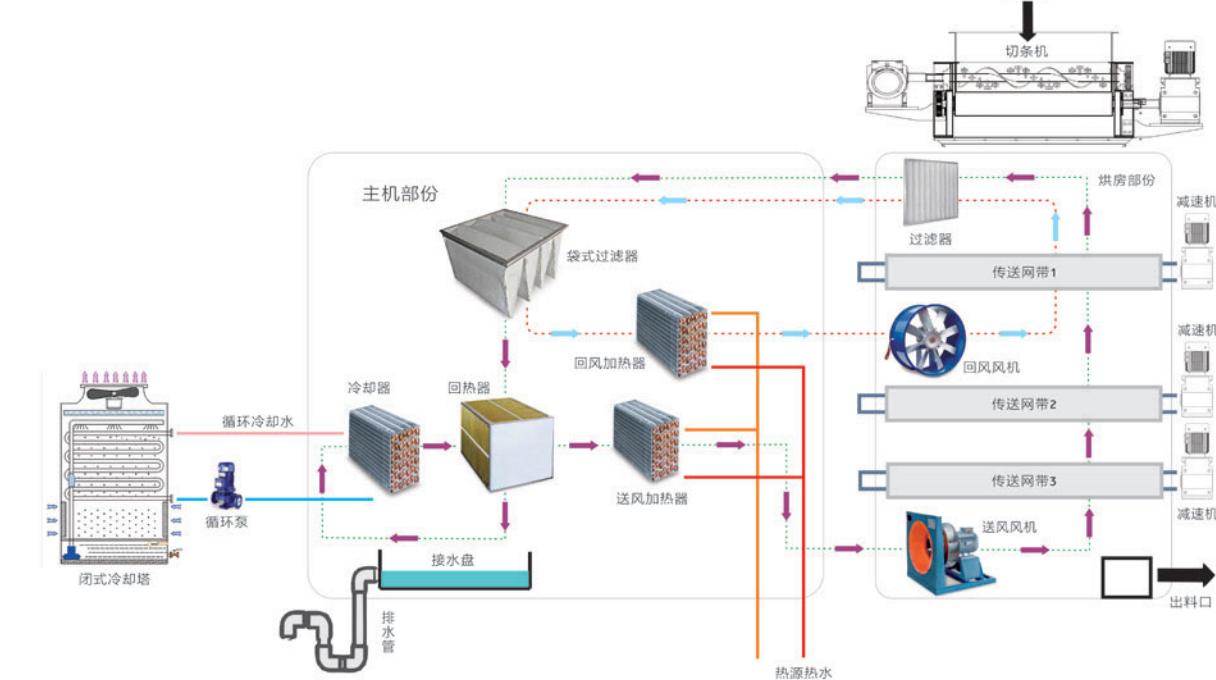
水冷式工艺流程图 Water-cooled process flow chart



风冷式工艺流程图 Air-cooled process flow chart



余热式工艺流程图 Waste heat process flow chart



PRODUCTS

产品展示



中小型涡旋式污泥低温干化设备

SMALL AND MEDIUM-SIZED SCROLL SLUDGE LOW-TEMPERATURE DRYING EQUIPMENT

设备参数 | Device parameters

型号 Model	单位 Unit	JKFF-600	JKFF-1200	JKFF-2400	JKFF-3600	JKFF-4800	
制冷剂 The refrigerant		环保专用冷媒 Environment-friendly refrigerant					
干燥温度 Drying temperature	°C	40 ~ 70°C					
余热冷却方式 Waste heat cooling method		风冷 air cooling					
压缩机类型 Compressor type		涡旋式压缩机 Scroll compressor					
额定除水量 Rated water removal	kg/24h	600	1200	2400	3600	4800	
额定除水量 Rated water removal	kg/h	25	50	100	150	200	
压缩机台数 Number of compressors	台	1	1	2	4	4	
额定功率 Rated power	kW	7.8	14.7	30.8	48	58	
配电容量 Distribution capacity	kW	10	20	40	60	75	
外形尺寸 (L*W*H)(不含输送系统) Overall dimensions (L*W*H)	mm	2920×2120×2300		4770×2250×3000	5470×2550×3000	5470×2950×3000	
重量 Weight	kg	2450	2500	5500	6500	7000	
运行重量 Running weight	kg	2670	2720	6150	7300	8000	

型号 Model	单位 Unit	JKFF-6000	JKFF-7200	JKFF-8400	JKFF-9600	JKFF-10800	
制冷剂 The refrigerant		环保专用冷媒 Environment-friendly refrigerant					
干燥温度 Drying temperature	°C	40 ~ 70°C					
余热冷却方式 Waste heat cooling method		风冷 air cooling					
压缩机类型 Compressor type		涡旋式压缩机 Scroll compressor					
额定除水量 Rated water removal	kg/24h	6000	7200	8400	9600	10800	
额定除水量 Rated water removal	kg/h	250	300	350	400	450	
压缩机台数 Number of compressors	台	6	8	8	8	12	
额定功率 Rated power	kW	75	93	103	113	140	
配电容量 Distribution capacity	kW	100	120	140	150	180	
外形尺寸 (L*W*H)(不含输送系统) Overall dimensions (L*W*H)	mm	8590×2550×3000	9290×2550×3000	9290×2950×3000	9290×2950×3000	13110×2550×3000	
重量 Weight	kg	11000	12000	12500	13000	18000	
运行重量 Running weight	kg	12200	13300	13900	14500	19700	

* 标准除水吨数：进泥含水率 65%，出泥含水率 25%，可以除掉的水吨数；★因不同的污泥性质、含水率不同，其干燥周期差异有所偏差。



高效减量
High efficiency reduction



节能设计
energy-saving design



安全无危害
Safe and harmless



经济节约
Economic saving



智能运行
Smart operation

PRODUCTS

产品展示



大型涡旋式低温污泥干化设备

LARGE SCROLL TYPE LOW TEMPERATURE SLUDGE DRYING EQUIPMENT

机组运用了公司五大核心技术：分别是湿度梯度、烘房引风均流、逆流干燥、全封闭独立风道、换热器采用纳米电泳防腐技术。五大核心技术综合效果显著，机组低温节能、风量小、干化快，整体机组能效最高可达4.0以上。压缩机采用国际知名品牌的全封闭热泵专用涡旋压缩机，整机为标准模块化设计，占地面积小，安装灵活。

The unit uses the company's five core technologies: humidity gradient, uniform air flow in drying room, counter current drying, fully closed independent air duct, and nano electrophoresis anti-corrosion technology for heat exchanger. The comprehensive effect of the five core technologies is remarkable, with low temperature energy saving, small air volume, fast drying, and the highest energy efficiency of the whole unit is more than 4.0. The compressor adopts the scroll compressor of international famous brand for totally enclosed heat pump. The whole machine is of standard modular design with small floor area and flexible installation.



高效减量
High efficiency reduction



节能设计
Energy-saving design



安全无危害
Safe and harmless



经济节约
Economic saving



智能运行
Smart operation

设备参数 | Device parameters

型号 Model	单位 Unit	JKFF-14400	JKFF-19200	JKFF-24000	JKFF-28800
制冷剂 The refrigerant		环保专用冷媒 Environment-friendly refrigerant			
干燥温度 Drying temperature	°C	40 ~ 70°C			
余热冷却方式 Waste heat cooling method		风冷 / 水冷 Air cooling/water cooling			
压缩机类型 Compressor type		涡旋式压缩机 Scroll compressor			
额定除水量 Rated water removal	kg/24h	14400	19200	24000	28800
额定除水量 Rated water removal	kg/h	600	800	1000	1200
冷却水流量 $\Delta t=5^{\circ}\text{C}$ Cooling water flow	m³/h	24	32	40	48
额定功率 Rated power	kW	170	224	282	336
配电容量 Distribution capacity	kW	220	280	340	420
外形尺寸 (L*W*H) (不含输送系统) Overall dimensions (L*W*H)	mm	13110 × 2950 × 3000	16930 × 2950 × 3000	20750 × 2950 × 3000	24570 × 2950 × 3000
重量 Weight	kg	18600	24400	30200	36000
运行重量 Running weight	kg	20200	26500	33200	39500

型号 Model	单位 Unit	JKFF-33600	JKFF-38400	JKFF-43200	JKFF-48000
制冷剂 The refrigerant		环保专用冷媒 Environment-friendly refrigerant			
干燥温度 Drying temperature	°C	40 ~ 70°C			
余热冷却方式 Waste heat cooling method		风冷 / 水冷 Air cooling/water cooling			
压缩机类型 Compressor type		涡旋式压缩机 Scroll compressor			
额定除水量 Rated water removal	kg/24h	33600	38400	43200	48000
额定除水量 Rated water removal	kg/h	1400	1600	1800	2000
冷却水流量 $\Delta t=5^{\circ}\text{C}$ Cooling water flow	m³/h	56	64	72	80
额定功率 Rated power	kW	394	448	506	560
配电容量 Distribution capacity	kW	520	580	660	740
外形尺寸 (L*W*H) (不含输送系统) Overall dimensions (L*W*H)	mm	28390 × 2950 × 3000	32210 × 2950 × 3000	36030 × 2950 × 3000	39850 × 2950 × 3000
重量 Weight	kg	42000	48000	53500	59500
运行重量 Running weight	kg	46000	52500	58500	65000

* 标准除水吨数：进泥含水率 65%，出泥含水率 25%，可以除掉的水吨数；★因不同的污泥性质、含水率不同，其干燥周期差异有所偏差。

PRODUCTS

产品展示

余热驱动型污泥低温干化设备

WASTE HEAT DRIVEN SLUDGE LOW-TEMPERATURE DRYING EQUIPMENT



设备参数 | Device parameters

型号 Model	单位 Unit	JKFY-2400	JKFY-3600	JKFY-4800	JKFY-9600	JKFY-14400
干燥温度 Drying temperature	°C	40 ~ 85°C				
额定除水量 Rated water removal	kg/24h	2400	3600	4800	9600	14400
额定除水量 Rated water removal	kg/h	100	150	200	400	600
热水进 / 出温度 Hot water inlet/outlet temperature	°C	90/70				
冷却水进 / 出温度 Cooling water inlet/outlet temperature	°C	32/37				
热源 Heat source		热水、饱和蒸汽、高温烟气等废热				
热水负荷 Hot water load	kW	80	120	160	320	480
热水流量 Hot water flow	m³/h	3.5	5.2	7	14	21
冷却塔冷负荷 Cooling tower cooling load	kW	95	142.5	190	380	570
冷却水流量 $\Delta t=5^{\circ}\text{C}$ Cooling water flow $\Delta T=5^{\circ}\text{C}$	m³/h	16.3	24.5	33	66	99
额定功率 Rated power	kW	11.5	17	20	36	54
配电容量 Distribution capacity	kW	14.4	21.3	25	45	67.5
除湿电耗 Dehumidification energy consumption	kg/kW · h	8~12				
外形尺寸 (L*W*H) (不含输送系统) Overall dimensions (L*W*H)	mm	4770×2250×3000	5470×2550×3000	5470×2950×3000	9290×2950×3000	13110×2950×3000
重量 Weight	kg	5300	6250	6740	12460	17820
运行重量 Running weight	kg	5980	7100	7200	14080	20000

* 标准除水吨数：进泥含水率 65%，出泥含水率 25%，可以除掉的水吨数；★因不同的污泥性质、含水率不同，其干燥周期差异有所偏差。

*JKFY-4800 为余热驱动型的基础模块，可以按需求进行相对应的拼接



型号 Model	单位 Unit	JKFY-19200	JKFY-24000	JKFY-28800	JKFY-33600	JKFY-38400
干燥温度 Drying temperature	°C	40 ~ 85°C				
额定除水量 Rated water removal	kg/24h	19200	24000	28800	33600	38400
额定除水量 Rated water removal	kg/h	800	1000	1200	1400	1600
热水进 / 出温度 Hot water inlet/outlet temperature	°C	90/70				
冷却水进 / 出温度 Cooling water inlet/outlet temperature	°C	32/37				
热源 Heat source		热水、饱和蒸汽、高温烟气等废热				
热水负荷 Hot water load	kW	640	800	960	1120	1280
热水流量 Hot water flow	m³/h	28	35	42	48	56
冷却塔冷负荷 Cooling tower cooling load	kW	760	950	1140	1330	1520
冷却水流量 $\Delta t=5^{\circ}\text{C}$ Cooling water flow $\Delta T=5^{\circ}\text{C}$	m³/h	132	165	198	241	262
额定功率 Rated power	kW	70	88	103	118	134
配电容量 Distribution capacity	kW	87.5	110.0	128.8	147.5	167.5
除湿电耗 Dehumidification energy consumption	kg/kW · h	8~12				
外形尺寸 (L*W*H) (不含输送系统) Overall dimensions (L*W*H)	mm	16930×2950×3000	20750×2950×3000	24570×2950×3000	28390×2950×3000	32210×2950×3000
重量 Weight	kg	23360	28900	34440	39940	45480
运行重量 Running weight	kg	26100	31800	37900	43960	50460

* 标准除水吨数：进泥含水率 65%，出泥含水率 25%，可以除掉的水吨数；★因不同的污泥性质、含水率不同，其干燥周期差异有所偏差。

*JKFY-4800 为余热驱动型的基础模块，可以按需求进行相对应的拼接

PRODUCTS

产品展示

车载移动式污泥低温干化设备

VEHICLE-MOUNTED MOBILE SLUDGE LOW-TEMPERATURE DRYING EQUIPMENT



产品特点 | Features

- 落地便可使用
- 占地面积小，仅为 22.8 平方
- 环保、节能、高效
- 专人培训操作，易懂易操作
- 独立的上料系统，前后可移动，上下可升级
- Ready to use
- Small footprint, only 22.8 square meters
- Environmental protection, energy saving, high efficiency
- Special personnel training operation, easy to understand and operate
- Independent feeding system, movable front and back, up and down upgradeable



高效减量
High efficiency reduction



节能设计
energy-saving design



专业培训操作
Professional training operation



高效
Efficient
Smart operation



ENGINEERING CASE

工程案例

荣达吉康
RONGDAJIKANG

清远市龙塘黄埔工业园污水厂

Wastewater Treatment Plant of Huangpu Industrial Park, Longtang, Qingyuan City



施工时间: 2018 年

污泥类型: 综合表面处理污泥

前端脱水方式: 机械板框压滤脱水

湿污泥含水率: 65 ~ 80%

污泥干化目标含水率: 30 ~ 35%

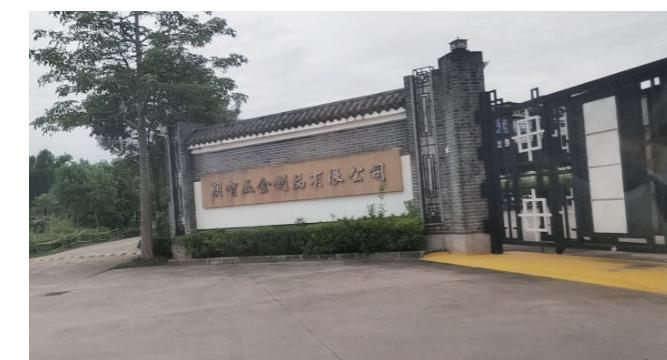
产泥量: 15t/d

Construction time: 2018
Sludge type: comprehensive surface treatment sludge
Front-end dewatering method: mechanical plate and frame filter press dehydration
Moisture content of wet sludge: 65 ~ 80%
Sludge drying target moisture content: 30 ~ 35%
Mud output: 15t/d

设备参数 | Device parameters

型号 Model	单位 Unit	JKFCZ-600	JKFCZ-1200	JKFCZ-2400
制冷剂 The refrigerant		环保专用冷媒 Environment-friendly refrigerant		
干燥温度 Drying temperature	℃	40 ~ 70℃		
余热冷却方式 Waste heat cooling method		风冷 air cooling		
压缩机类型 Compressor type		涡旋式压缩机 Scroll compressor		
额定除水量 Rated water removal	kg/24h	600	1200	2400
额定除水量 Rated water removal	kg/h	25	50	100
压缩机台数 Number of compressors	台	1	1	2
额定功率 Rated power	kW	7.8	14.7	30.8
配电容量 Distribution capacity	kW	10	20	40
外形尺寸 (L*W*H) (不含输送系统) Overall dimensions (L*W*H)	mm	2920 × 2120 × 2300		4770 × 2250 × 3000
重量 Weight	kg	2650	2750	5700
运行重量 Running weight	kg	2870	2970	6400

* 标准除水吨数: 进泥含水率 65%，出泥含水率 25%，可以除掉的水吨数；★因不同的污泥性质、含水率不同，其干燥周期差异有所偏差。



英德市明智五金制品有限公司园区污水厂

Yingde city wise hardware products Co., LTD

施工时间: 2021 年 7 月

污泥类型: 电镀污泥

前端脱水方式: 板框脱水机

湿污泥含水率: 65%

污泥干化目标含水率: 30%

产泥量: 25t/d

Construction time: July 2021
Type of sludge: electroplating sludge
Front-end dewatering: plate and frame dewatering machine
Moisture content of wet mud: 65%
Sludge drying target moisture content: 30%
Sludge capacity: 25t/d

ENGINEERING CASE

工程案例

深圳市布吉水质净化厂三期工程

Buji Water Purification Plant Phase III Project,
Longgang district, Shenzhen city



施工时间: 2021 年 8 月

污泥类型: 市政污泥

前端脱水方式: 卧式离心脱水机

湿污泥含水率: 80%

污泥干化目标含水率: 30 ~ 40%

产泥量: 300t/d

The construction time: August 2021

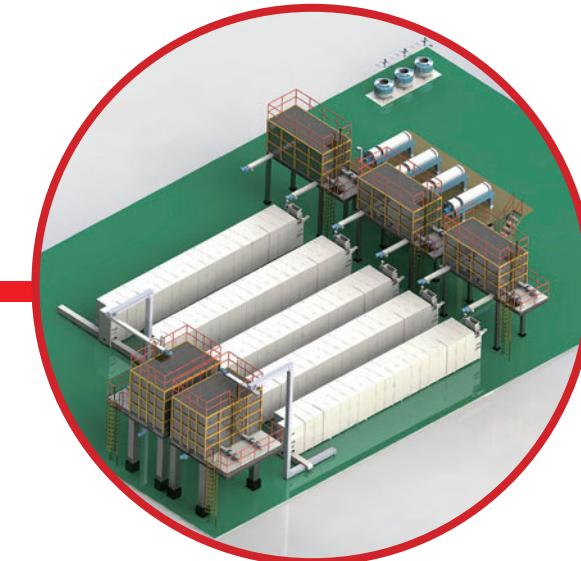
Sludge type: municipal sludge

Front-end dehydration method: horizontal centrifugal dehydrator

Moisture content of wet sludge: 80%

Sludge drying target moisture content: 30 ~ 40%

Mud output: 300t/d



赣州市中心城区白塔污水处理厂

Ganzhou downtown baita Sewage Treatment Plant O



施工时间: 2022 年 5 月

污泥类型: 市政污泥

干化工艺: 连续深度脱水耦合低温干化工艺

前端脱水方式: 叠螺机 + 高压带式脱水

湿污泥含水率: 80%→70%

污泥干化目标含水率: 30 ~ 40%

产泥量: 200t/d

The construction time: May 2022

Type of sludge: municipal sludge

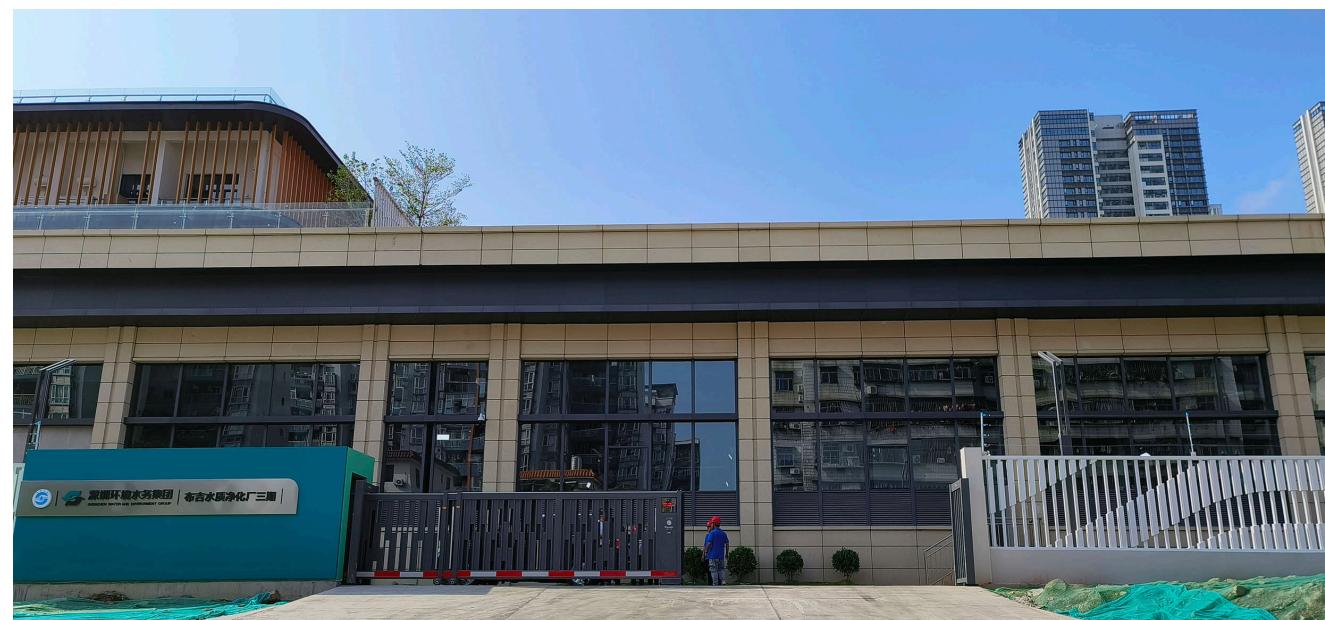
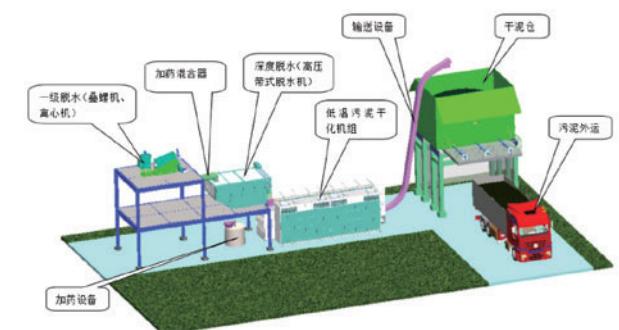
Drying process: continuous deep dehydration coupled with low temperature drying process

Front end dehydration mode: stack screw machine + high pressure belt dehydration

Moisture content of wet sludge: 80%→70%

Sludge drying target moisture content: 30%~40%

Mud yield: 200t/d



ENGINEERING CASE

工程案例

中国第一汽车集团有限公司红旗工厂

Hongqi Factory of China FAW Group Co., Ltd.

施工时间: 2020 年

污泥类型: 表面处理污泥

前端脱水方式: 机械板框压滤脱水

湿污泥含水率: 80%

污泥干化目标含水率: 30%

产泥量: 5t/d

The construction time: 2020

Sludge type: Surface treatment sludge

Front-end dehydration method: mechanical plate

and frame filter press dehydration

Moisture content of wet sludge: 80%

Sludge drying target moisture content: 30%

Mud output: 5t/d



南昌江铃汽车

Nanchang Jiangling Motors



施工时间: 2019 年

污泥类型: 表面处理污泥

前端脱水方式: 机械板框压滤脱水

湿污泥含水率: 80%

污泥干化目标含水率: 20%

产泥量: 9t/d

The construction time: 2019

Sludge type: surface treatment sludge

Front-end dehydration method: mechanical plate and

frame filter press dehydration

Moisture content of wet sludge: 80%

Sludge drying target moisture content: 20%

Mud output: 9t/d

丰田纺织（中国）有限公司狮山工厂

Toyota Boshoku (China) Co., Ltd. Shishan Plant



施工时间: 2020 年

污泥类型: 表面处理污泥

前端脱水方式: 机械脱水

湿污泥含水率: 65 ~ 80%

污泥干化目标含水率: 30%

产泥量: 6t/d

The construction time: 2020

Sludge type: surface treatment sludge

Front-end dehydration method: mechanical dehydration

Moisture content of wet sludge: 65 ~ 80%

Sludge drying target moisture content: 30%

Mud output: 6t/d

ENGINEERING CASE

工程案例



湖北某石化项目

A petrochemical project in Hubei province

施工时间: 2021年10月

前端脱水: 叠螺脱水机

湿泥含水率: 85%

污泥干化目标含水率: 35%

污泥处理量: 40t/d

The construction time: October 2021

Front-end dewatering: stack screw dewatering machine

Moisture content of wet mud: 85%

Sludge drying target moisture content: 35%

Sludge capacity: 40t/d



宁波大安化工

Ningbo Da'an Chemical Co

施工时间: 2021年2月

污泥类型: 化工污泥

前端脱水: 叠螺脱水机

湿泥含水率: 87%

污泥干化目标含水率: 30%

污泥处理量: 15t/d

The construction time: February 2021
Sludge type: chemical sludge
Front-end dewatering: stack screw dewatering machine
Moisture content of wet mud: 87%
Sludge drying target moisture content: 30%
Sludge capacity: 15t/d



ENGINEERING CASE

工程案例



深圳市喜德盛自行车有限公司深圳工厂

Shenzhen Xidesheng Bicycle Co., Ltd. Shenzhen Factory



施工时间: 2019 年

污泥类型: 表面处理污泥

前端脱水方式: 机械板框压滤脱水

湿污泥含水率: 70 ~ 85%

污泥干化目标含水率: 20%

产泥量: 5t/d



The construction time: 2019

Sludge type: surface treatment sludge

Front-end dehydration method: mechanical plate and frame filter press dehydration

Moisture content of wet sludge: 70 ~ 85%

Sludge drying target moisture content: 20%

Mud output: 5t/d

佛山顺德区杏坛工业园污水厂

Xingtian Industrial Park Sewage Plant, Shunde District, Foshan



施工时间: 2019 年

污泥类型: 综合污泥

前端脱水方式: 机械板框压滤机脱水

湿污泥含水率: 55 ~ 60%

污泥干化目标含水率: 30 ~ 35%

产泥量: 80t/d



The construction time: 2019

Sludge type: Comprehensive sludge

Front-end dehydration method: mechanical plate and frame filter press dehydration

Moisture content of wet sludge: 55 ~ 60%

Sludge drying target moisture content: 30 ~ 35%

Mud output: 80t/d

安徽歙县经济循环园区污水处理厂

Sewage treatment plant in Shexian County Economic Cycle Park, Anhui Province



施工时间: 2021 年 10 月

污泥类型: 综合污泥

前端脱水方式: 板框压滤机脱水

湿污泥含水率: 70%

污泥干化目标含水率: 30%

产泥量: 10t/d

Construction date: October 2021

Type of sludge: comprehensive sludge

Front end dehydration: plate and frame filter press dehydration

Moisture content of wet sludge: 70%

Sludge drying target moisture content: 30%

Mud yield: 10t/d

顺德容桂综合工业园污水厂

Shunde Ronggui Comprehensive Industrial Park Wastewater Treatment Plant



施工时间: 2019 年

污泥类型: 综合污泥

前端脱水方式: 机械板框压滤脱水

湿污泥含水率: 55 ~ 60%

污泥干化目标含水率: 30 ~ 35%

产泥量: 50t/d



The construction time: 2019

Sludge type: Comprehensive sludge

Front-end dehydration method: mechanical plate and frame filter press dehydration

Moisture content of wet sludge: 55 ~ 60%

Sludge drying target moisture content: 30 ~ 35%

Mud output: 50t/d

ENGINEERING CASE

工程案例

宁波市综合污水处理厂

Ningbo Comprehensive Sewage Treatment Plant



施工时间: 2019 年

污泥类型: 表面处理污泥

前端脱水方式: 机械板框压滤脱水

湿污泥含水率: 70%

污泥干化目标含水率: 25%

产泥量: 4t/d

The construction time: 2019

Sludge type: surface treatment sludge

Front-end dehydration method: mechanical plate and frame filter press dehydration

Moisture content of wet sludge: 70%

Sludge drying target moisture content: 25%

Mud output: 4t/d

黄山徽州综合中心污水厂

Huangshan Huizhou Comprehensive Center Sewage Plant



施工时间: 2020 年

污泥类型: 综合污泥

前端脱水方式: 板框压滤机

湿污泥含水率: 70%

污泥干化目标含水率: 30%

产泥量: 10t/d

The construction time: 2020

Sludge type: Comprehensive sludge

Front-end dehydration method: plate and frame filter press

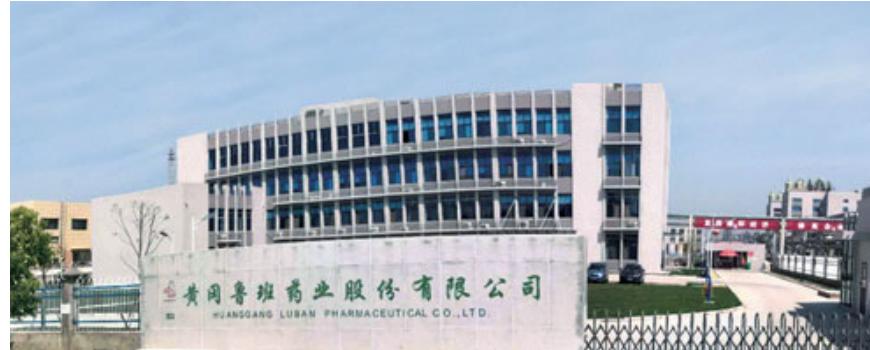
Moisture content of wet sludge: 70%

Sludge drying target moisture content: 30%

Mud output: 10t/d

黄冈鲁班药业股份有限公司

Huanggang Luban Pharmaceutical Co., Ltd.



施工时间: 2020 年

污泥类型: 医药化工污泥

前端脱水方式: 板框压滤机

湿污泥含水率: 75 ~ 85%

污泥干化目标含水率: 30%

产泥量: 8t/d

The construction time: 2020

Sludge type: pharmaceutical chemical sludge

Front-end dehydration method: plate and frame filter press

Moisture content of wet sludge: 75 ~ 85%

Sludge drying target moisture content: 30%

Mud output: 8t/d

长沙吴赣制药厂

Changsha Wugan Pharmaceutical Factory



施工时间: 2020 年

污泥类型: 医药化工污泥

前端脱水方式: 板框压滤机

湿污泥含水率: 80%

污泥干化目标含水率: 30%

产泥量: 8t/d

The construction time: 2020

Sludge type: pharmaceutical chemical sludge

Front-end dehydration method: plate and frame filter press

Moisture content of wet sludge: 80%

Sludge drying target moisture content: 30%

Mud output: 8t/d

ENGINEERING CASE

工程案例

深圳市医疗卫生专业服务中心

Shenzhen Medical and Health Professional Service Center

施工时间: 2021年2月

污泥类型: 医疗污泥

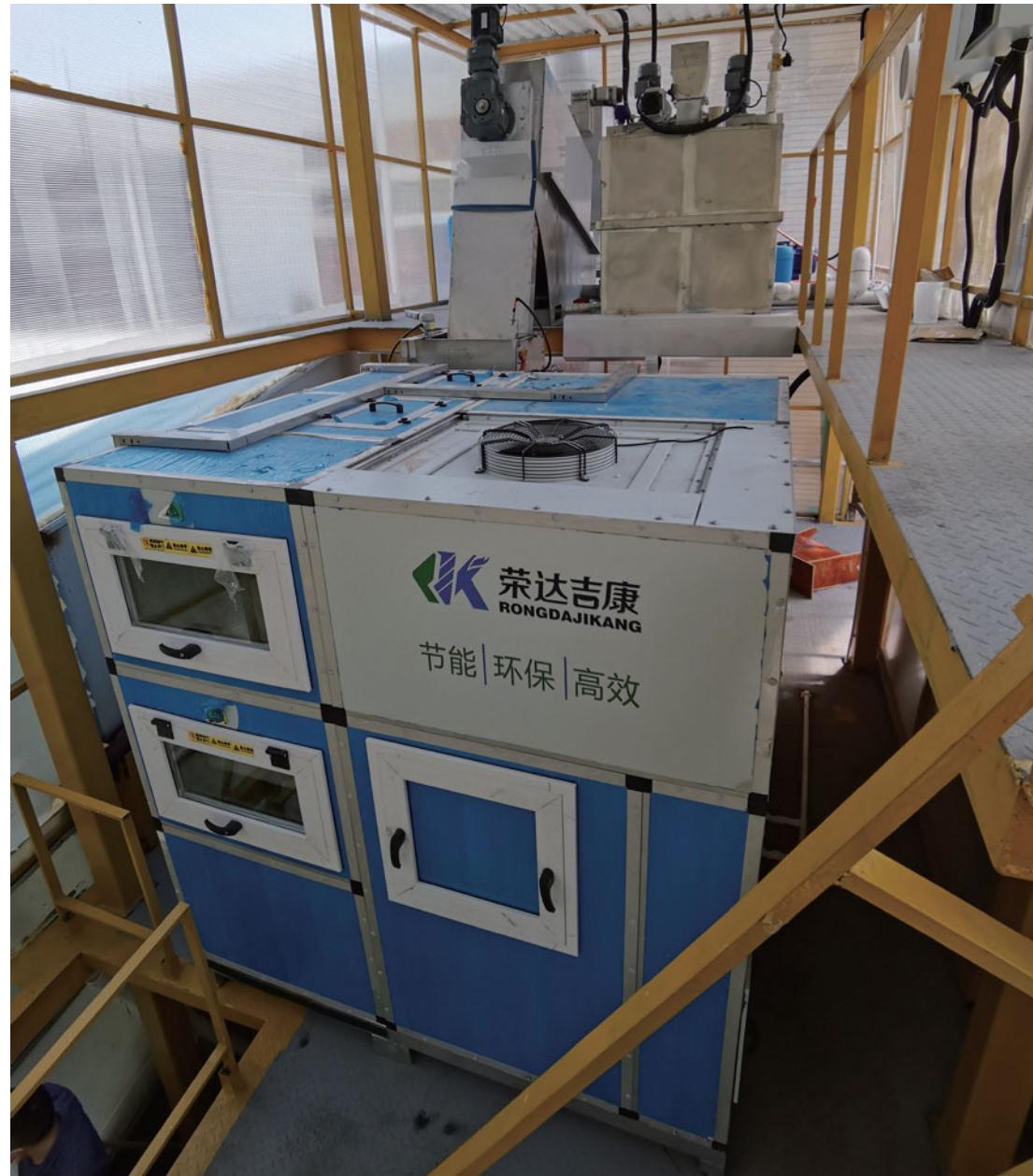
前端脱水: 叠螺脱水机

湿泥含水率: 88%

污泥干化目标含水率: 30%

污泥处理量: 5t/d

The construction time: February 2021
Type of sludge: medical sludge
Front-end dewatering: stack screw dewatering machine
Moisture content of wet mud: 88%
Sludge drying target moisture content: 30%
Sludge capacity: 5t/d



彭豪金属惠州有限公司

Zhanghao Metal Huizhou Co., Ltd.



施工时间: 2019年

污泥类型: 表面处理污泥

前端脱水方式: 机械板框压滤脱水

湿泥含水率: 40 ~ 60%

污泥干化目标含水率: 25%

产泥量: 3t/d

The construction time: 2019
Sludge type: surface treatment sludge
Front-end dehydration method: mechanical plate and frame filter press dehydration
Moisture content of wet sludge: 40 ~ 60%
Sludge drying target moisture content: 25%
Mud output: 3t/d

梅州市盛富金属制品有限公司

Meizhou Shengfu Metal Products Co., LTD



施工时间: 2021年3月

污泥类型: 电镀污泥

前端脱水: 板框脱水机

湿泥含水率: 70%

污泥干化目标含水率: 30%

污泥处理量: 5t/d

The construction time: March 2021
Type of sludge: electroplating sludge
Front-end dewatering: plate and frame dewatering machine
Moisture content of wet mud: 70%
Sludge drying target moisture content: 30%
Sludge capacity: 5t/d

ENGINEERING CASE

工程案例



唐山海港开发区污水处理厂

Tangshan Port Development Zone Sewage Treatment Plant



施工时间: 2023 年 10 月

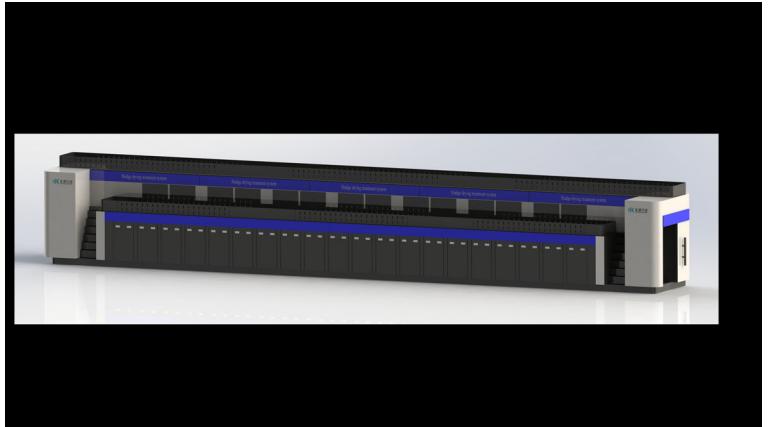
污泥类型: 市政污泥
前端脱水方式: 机械板框压滤脱水
湿污泥含水率: 70 ~ 80%
污泥干化目标含水率: 20~ 30%
产泥量: 50t/d

The Construction date: October 2023

Sludge type: municipal sludge
Front end dehydration method: mechanical plate and frame filter press dehydration
Moisture content of wet sludge: 70-80%
Sludge drying target moisture content: 20-30%
Mud output 50 t/d

浙江低品位能源回收低温干化项目

Low temperature drying of energy recovery



施工时间: 2023 年 12 月

污泥类型: 综合表面处理污泥
前端脱水方式: 多种方式脱水
湿污泥含水率: 65%
污泥干化目标含水率: 30%
产泥量: 600t/d

The construction time: December 2023
Sludge type: surface treatment sludge
Front-end dehydration method: Multiple ways of dehydration
Moisture content of wet sludge: 65%
Sludge drying target moisture content: 30%
Mud output: 600t/d

广州九龙水质净化厂

Guangzhou Jiulong Water Purification Plant



施工时间: 2024 年 1 月

污泥类型: 市政污泥
前端脱水方式: 调质分离+板框压滤
脱水 湿污泥含水率: 60%
污泥干化目标含水率: 30%
产泥量: 85t/d



The construction time: January 2024
Sludge type: municipal sludge
Front end dehydration method: mechanical plate and frame filter
Moisture content of wet sludge: 60%
Sludge drying target moisture content: 30%
Mud output: 85 t/d

深圳五指耙自来水厂

Shenzhen wuzhipa waterworks



施工时间: 2023 年 11 月

污泥类型: 市政污泥
前端脱水方式: 离心机脱水
湿污泥含水率: 75 ~ 85%
污泥干化目标含水率: 40%
产泥量: 10t/d

The construction time: November 2023
Sludge type: municipal sludge
Front end dehydration method: horizontal centrifugal dehydrator
Moisture content of wet sludge: 75-80%
Sludge drying target moisture content: 40%
Mud output: 10t/d

AFTER-SALES SERVICE

售后服务

荣达吉康先后在全国设立超过 40 个直属驻外办事机构，设有专业的海外销售部，出口 20 多个国家。全国驻外机构配备专职售后工程师，由总部集中调配及管理，服务网点覆盖全国，努力为客户提供高效的专业服务和优质的污泥低温干化设备。

Rongda Jikang has successively established more than 40 directly-affiliated offices throughout the country, with a professional overseas sales department, and exported to more than 20 countries. The country's foreign agencies are equipped with full-time after-sales engineers, which are centrally deployed and managed by the headquarters, with service outlets covering the country, striving to provide customers with efficient professional services and high-quality sludge low-temperature drying equipment.

售前 PRE-SALE

- ① 标准机组供货周期为 35-40 天。
- ② 快速反应，24 小时之内为客户提供最优的项目方案书。
- ③ 根据现场实际情况，量身打造建模方案，为客户直观展现污泥处理工程流程图。

The standard unit lead time is 35-40 days.

Quick response, provide customers with the best project proposal within 24 hours.

According to the actual situation of the site, tailor-made modeling schemes, and visually show the flow chart of the sludge treatment project for customers.

售中 ON SALE

- ④ 安装调试一条龙服务，让您省心省力。量身定制全自动化污泥处理工程，最大限度的为客户降低人力成本，调试合格后移交给客户管理使用，并免费为客户相关人员进行培训，直至会正确操作机组为止。

One-stop service for installation and commissioning will save you worry and effort. Tailor-made fully automated sludge treatment projects to reduce labor costs for customers to the greatest extent, transfer to customers for management after passing the commissioning, and provide free training for customers' relevant personnel until they can operate the unit correctly.

售后 AFTER SALE

- ⑤ 产品售出后，在接到任何有关机组使用的问题，我司均提供免费咨询服务，专业解答客户在使用过程中遇到问题，需派人去现场解决的，我司保证 2 个小时之内做出响应，以最快的速度为客户排忧解难。
- ⑥ 产品自购买之日起质保期为 12 个月，质保期内非人为质量问题我司将免费保修，对需要更换的零配件，我司也将免费更换。
- ⑦ 质保期过后，我司承诺提供终身维护服务，因此产生的维护费用，我司仅收取成本费。

After the product is sold, our company will provide free consulting services after receiving any questions about the use of the unit, and professionally answer the problems encountered by customers in the process of use, and we need to send someone to solve them on site. Our company guarantees within 2 hours Respond and solve problems for customers as quickly as possible.

The warranty period of the product is 12 months from the date of purchase. During the warranty period, our company will provide free warranty for non-artificial quality problems. We will also replace the parts that need to be replaced free of charge.

After the warranty period, our company promises to provide life-long maintenance services. Therefore, our company only charges cost fees for the maintenance costs incurred.



污泥低温干化项目现场调研表

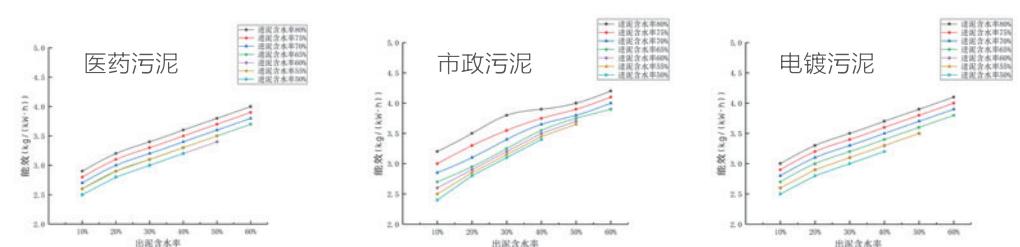
序号带 * 为必填项

分项	序号	调研项目	调研记录	备注
项目概况	*1	项目名称		初步方案需提供
	*2	项目所在地		
	*3	安装空间(m)(长 × 宽 × 高)	详见图纸	
	4	是否直连离心机	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 其它:	订货需提供
	5	是否需无人值守	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 其它:	
	6	是否需自动打包系统	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 其它:	订货需提供
	8	是否需干泥自动称重	<input type="checkbox"/> 是 <input type="checkbox"/> 否	
	7	机组进入现场方式	<input type="checkbox"/> 叉车走通道 <input type="checkbox"/> 吊机就位 <input type="checkbox"/> 散件组装	订货需提供
	9	是否可停线安装	<input type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 其它:	
	10	交货周期(天)	<input type="checkbox"/> 30天 <input type="checkbox"/> 40天 <input type="checkbox"/> 50天 <input type="checkbox"/> 60天 <input type="checkbox"/> 其它	订货需提供
污泥特性	1	污泥所属行业	<input type="checkbox"/> 表面处理 <input type="checkbox"/> 印染 <input type="checkbox"/> 生物制药 <input type="checkbox"/> 市政 <input type="checkbox"/> 线路板 <input type="checkbox"/> 化工 <input type="checkbox"/> 石化 <input type="checkbox"/> 制革 <input type="checkbox"/> 其它	可附水处理工艺流程图
	2	水处理工艺简述		
	3	产泥环节		针对水处理工艺描述产泥环节
	4	机械脱水工艺		
	5	污泥主要成分	属于: <input type="checkbox"/> 混合污泥 <input type="checkbox"/> 分质污泥 <input type="checkbox"/> 无机污泥 <input type="checkbox"/> 有机污泥	初步方案需提供
	6	是否有异味、臭味或有毒有害气体		
	*7	单日产泥小时数		
	*8	正常产泥量(吨/H)	(吨/天)	初步方案需提供
	9	最高产泥量(吨/H)		
	10	最低产泥量(吨/H)		初步方案需提供
	*11	污泥含水(%)		
	*12	污泥目标含水率(%)		
	13	污泥干化后处理方向		
其它补充				

说明: 1、序号带 * 为必填项, 初步方案时即需提供;

2、部分参数在订货前需提供;

3、其他参数如有也请提供, 作为系统方案评估及设备初始参数设定(使设备达到最佳性能)。





与大自然重建和谐
与地球重修旧好

Rebuild harmony with nature,
make up with the earth