



专注污泥处理完整解决方案

Focus on the complete
solution of sludge treatment



江苏康泰环保股份有限公司
JIANGSU KINTEP ENVIRONMENTAL PROTECTION CO., LTD.

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江苏康泰环保股份有限公司成立于2011年10月,自成立初期就明确了深耕污泥处理这一环保细分市场,并把业务分成三大板块:1、新型污泥处理设备;2、污泥处理成套解决方案服务;3、承接污泥处理BOT、PPP项目。

公司本着“低碳、环保、安全、高效”的宗旨,凭借着专业的技术水平,雄厚的经济实力,恪守诚信为本的原则,得了众多客户的信赖,目前产品涉及20多个行业3000多家企业,出口50多个国家,在国内24个省、直辖市均设有销售网点。融合专业的服务体系和先进的技术水平,致力为国家的环保事业,做出着应有的贡献。

Jiangsu KINTEP Environmental Protection Co., Ltd. was founded in October 2011. Since establishment, KINTEP attaches great importance to sludge dewatering market and divides our main business into 3 segments, 1) new sludge treatment equipment; 2) complete set of sludge treatment solution services; 3) undertaking sludge treatment BOT and PPP projects.

Low carbon, environmental protection, safety and efficiency as life-long goal, honesty as principle, plus industry leading expertise and economic strength, KINTEP is awarded by more than 3000 clients across 50+ countries and 20+ industries. In domestic market only, our sale & service branches stretch out to over 24 provinces.

10年
专注污泥处理 | Focus on Sludge
Treatment for 10 Years

Industrial Layout

产业布局

江苏康泰环保装备有限公司 Jiangsu KINTEP Environmental Protection Equipment Co., Ltd.

江苏康泰环保装备有限公司成立于 2016 年 11 月，专注于污泥处理新型设备的研发、创新、生产、销售和成套解决方案服务。公司目前产品基本囊括了各个行业的污泥处理，已投入使用于市政污水、养殖废水、食品和饮料加工废水、工业生产废水、造纸废水、造纸废水、化工废水、石油加工和开采废水等行业。其中叠螺式污泥脱水机广泛应用在养殖污泥的脱水处理，长期服务于国内大型龙头养殖集团温氏、牧原、新希望、大北农等客户。专精技术以及雄厚经济实力，将为康泰环保保驾护航，向着国际一流环保企业而奋勇前进。

Jiangsu KINTEP Environmental Protection Equipment Co.,Ltd was established in November 2016, focusing on sludge treatment equipment R&D, manufacturing, sales and service, as well as the one-stop sludge treatment solution providing. Our product series have been widely applied to sludge from municipal sewage to industrial wastewater eg. aquaculture wastewater, food and beverage processing wastewater, industrial production wastewater, paper-making wastewater, chemical wastewater, petroleum processing. Among the series, screw sludge dewatering machine has obvious advantages in aquaculture sludge processing. Based on this advantage, KINTEP has established long-term cooperation with some domestic large-scale leading farming groups like WENS, Muyuan, New Hope, Da Bei Nong and etc. With dedication to specialized technology and strong economic strength, KINTEP is striding to be the international first-class environmental protection enterprises.

无锡康灿环保科技有限公司 Wuxi KINSAN Environmental Protection Technology Co., Ltd.

无锡康灿环保科技有限公司由江苏康泰环保股份有限公司引进台湾低温干燥技术与台湾团队合作成立于江苏无锡，以帮助企业节省污泥处置成本为宗旨，集研发、生产、销售、售后服务为一体的技术型综合企业。

Located in Wuxi, Jiangsu, Wuxi KINSAN Environmental Protection Technology Co., Ltd is born in mutual efforts of Jiangsu KINTEP Environmental Protection and Taiwan technical partner. KINSAN integrates R&D, production, sales and after-sales service, devoting to help clients to save sludge disposal costs.

泰州市泰锐德环境技术有限公司 PWI Co., Ltd.

泰州市泰锐德环境技术有限公司 2019 年 3 月 21 日成立于江苏泰州，由江苏康泰环保股份有限公司与德国具有 25 年污水污泥处理行业经验的 ECS EICH GmbH 公司合资成立。公司专注于研发制造污泥减量、固液分离设备，是一家集生产、销售、售后服务为一体的技术型环保企业并将持续深耕污泥减量、固液分离等细分领域。

PWI Co., Ltd was founded on March 21st, 2019, as a joint venture of Jiangsu KINTEP Environmental Protection Co., Ltd. and ECS Eich GmbH, a Germany enterprise with 25 years' experience in sewage and sludge treatment industry. With great attention to research, development and production innovation, PWI grows to a well-equipment sludge reduction & solid-liquid separation equipment and solution provider. But it is not an end, it will keep its efforts on this sector for progress.

江苏康泰环保股份有限公司 JIANGSU KINTEP ENVIRONMENTAL PROTECTION CO., LTD.



让企业的 可持续发展 成为可能

Be the Top of International
Environmental Protection Company



获得各项
技术专利

50+

PATENTS 50+



完善服务
众多客户首选

3000+

Complete Service,
Top Choice 3000+



畅销全球
多个国家和地区

50+

Best Selling
Worldwide



康泰环保是一家集污泥处理设备的研发、生产、销售、售后服务和成套解决方案提供为一体的国家级高新技术企业。现拥有员工120人，研发人员36人，其中博士、硕士各2人，高级工程师3人，中级工程师8人。

KINTEP is a national high-tech enterprise for sludge treatment equipment R&D, production, sales, after-sales service and complete sludge treatment solution providing. With more than 120 employees, among which R&D contributes 36. The R & D team includes 2 doctors, 3 masters, 3 senior engineers and 2 intermediate engineers.

从研发创新开始， 塑造新的未来

Innovation
Creates the Future



自主技术创新是康泰的核心之一，公司主导产品均来自于科研人员的自主开发。强劲的技术优势，是康泰产品系列化、开发持续化和生产质量化的保障。同时，康泰长期关注知识产权的累积和保护，截至2020年为止，公司已获得12项发明专利、44项实用新型专利。

公司有完善的产品策划、研发、实验、测试、质量控制系统，并与多家院校及机构长期保持着良好的合作关系，准确把握研发方向，产品研发层次。

Perfect product planning, R&D, experiment, testing, quality control system, as well as good relationship with well-known universities and institutes, making KINTEP accurately grasp correct choice in R&D direction and implementation.

Independent technological innovation is one of KINTEP's strength, most of our products are developed by internal R&D members. Basing on this technical advantage, KINTEP realizes continuous product and production optimization, stabilization and sustainability. At the same time, the company pays attention to intellectual property accumulation, till 2020, 12+ invention patents and 44 utility model have been registered.



公司占地面积35000多平方米，拥有两条生产线并配备完善的生产设备，德国Arku全自动矫平设备、Arku全自动去毛刺机、日本马扎克激光切割机、数控折弯机、剪板机、焊接机器人、氩弧焊机等；目前已形成从机械加工、焊接、热处理到装配检测等配套齐全的生产体系，大大提高了产品在生产过程中的精密度。主营产品年销量已超过1000台套。

KINTEP covers an area of more than 35,000 square meters, 2 well-equipped production lines containing imported top brand production units such as Germany ARKU Edgebreaker, ARKU Straightening, MAZAC laser cutting. CNC bending and robot welding are also within the leading line in the industry. From material incoming, through mechanical processing, welding, heat treatment to assembly, the whole production controlled by SAP & MES system, realizing intelligent operation and monitoring for guaranteed quality. Every year, these 2 intelligent lines outputs first products such as Screw Sludge Dewatering Machine home and abroad for over 1000 units.

**Efficient
Production**

让生产更卓越高效



Qualification & Patent

资质专利



ISO 14001:2015
环境管理体系证书

ISO 45001:2018
职业健康安全管理体系证书

ISO 9001:2015
质量管理体系证书

ISO 9001:2015
质量管理体系证书



GB/T29490-2013
知识产权管理体系证书

AAA
企业信用等级证书

CE证书

GB/T 27922-2011
商品售后服务评价体系证书



高新技术企业
证书

安全生产许可证

江苏省环境污染治理能力评价证书



公司制定并实施覆盖整个生产过程，自原材料采购、生产、检测产品入库至出厂、售后服务的全面质量管理体系，目前已通过ISO9001质量管理体系认证、ISO14001环境管理体系认证和ISO45001职业健康安全管理体系认证。

Quality is viewed as life for KINTEP. We pay great attention to quality control in the whole production and service cycle, from material purchase, production, IQC, OQC to after-sales service and is ISO9001, ISO14001 and ISO45001 certified.

本公司生产制造的易维护叠螺污泥脱水机，于2010年申报并获得中国发明专利，目前已形成18种规格型号系列，以满足不同行业的污泥处理量需求。

叠螺式污泥脱水机集全自动控制柜、污泥浓缩脱水机本体及集液槽于一体，可在全自动运行的条件下，实现高效絮凝，并连续完成污泥浓缩和压榨脱水工作，最终将收集的滤液回流或排放。

Our easy maintenance Screw Sludge Dewatering Machine has got Chinese patent since 2010, now it has 18 series to meet various sludge concentration and different customers' demand.

The Screw Sludge Dewatering Machine integrates with auto-control cabinet, sludge thickening & dewatering drum and liquid collection tank. Therefore, the high efficiency flocculation, continuous sludge concentration, dewatering and filtrate collection can be automatically completed all-in-one. According to different demand, the collected liquid can go to further treatment or released directly.

Screw Sludge Dewatering Machine

叠螺式污泥脱水机



广泛应用于:

市政污水、造纸废水、化工废水、食品和饮料加工废水、工业生产废水、石油加工和开采废水等。

Application Industry:

Municipal sewage and wastewater from paper-making, chemical, food and beverage processing, manufacturing, petroleum processing and mining etc.

设备选型 Processing Capacity Reference

机型 Model	D5标准处理量 (kg/h) Standard Dried Solid Quantity (kg/h)	
	低浓度 Low Concentration	高浓度 High Concentration
	KTDL131	5
KTDL132	10	20
KTDL251	15	30
KTDL252	30	60
KTDL301	30	60
KTDL302	60	120
KTDL303	90	180
KTDL304	120	240
KTDL351	50	100
KTDL352	100	200
KTDL353	150	300
KTDL354	200	400
KTDL401	80	160
KTDL402	160	320
KTDL403	240	480
KTDL404	320	640

规格尺寸与重量 Basic Specification

机型 Model	螺体规格(mm) Screw Drum	外形尺寸 Dimension(mm)			净重NW (kg)	运行重量 Operation Weight (kg)
		长 Length (L)	宽 Width (W)	高 Height (H)		
KTDL131	DN130×1180	1870	730	1170	250	395
KTDL132	DN130×1180	2000	960	1230	350	595
KTDL251	DN250×1760	2690	880	1600	500	805
KTDL252	DN250×1760	2810	1120	1600	800	1320
KTDL301	DN300×2220	3310	1000	1700	750	1275
KTDL302	DN300×2220	3500	1300	1700	1340	2225
KTDL303	DN300×2220	3700	1650	1700	1750	3030
KTDL304	DN300×2220	4000	2050	1750	2150	4150
KTDL351	DN350×2480	3610	1100	1850	1150	1915
KTDL352	DN350×2480	3820	1490	1850	1950	3205
KTDL353	DN350×2480	4120	1770	1850	2800	4830
KTDL354	DN350×2480	4320	2290	1850	3700	6515
KTDL401	DN400×3100	4550	1180	2250	2050	3425
KTDL402	DN400×3100	4870	1710	2250	3850	6645
KTDL403	DN400×3100	4790	2550	2250	5400	9710
KTDL404	DN400×3100	4840	3140	2250	7000	12960

注：污水浓度小于10000mg/L,建议进行沉淀浓缩处理；污水浓度大于25000mg/L,建议进行稀释处理。
Note: Pre-concentration for the SS less than 10000mg/L, dilution for the SS more than 25000mg/L.

运行条件 Operation Conditions

机型 Model	功率 Power (Kw)			清洗水压 Rinse Water Pressure	清洗用水量 (L/h) Rinse Water Quantity	维护频度 Maintenance Frequency
	叠螺体减速电机 Driving Motor	搅拌减速电机 Mixing Motor	合计 Total			
KTDL131	0.18×1	0.18×1	0.36	>2kg/cm ²	43	10分钟/天 10min/day
KTDL132	0.18×2	0.18×1	0.54		86	
KTDL251	0.55×1	0.37×1	0.92		58	
KTDL252	0.55×2	0.37×1	1.47		116	
KTDL301	0.75×1	0.55×1	1.3		93	
KTDL302	0.75×2	0.55×1	2.05		186	
KTDL303	0.75×3	0.75×1	3		279	
KTDL304	0.75×4	0.75×1	3.75		372	
KTDL351	1.1×1	0.75×1	1.85		126	
KTDL352	1.1×2	0.75×1	2.95		252	
KTDL353	1.1×3	1.1×1	4.4		378	
KTDL354	1.1×4	1.5×1	5.9		504	
KTDL401	1.5×1	1.5×1	3		115	
KTDL402	1.5×2	1.5×1	4.5		230	
KTDL403	1.5×3	1.5×2	7.5	345		
KTDL404	1.5×4	1.5×2	9	460		

针对市场的需求，我司根据叠螺式污泥脱水机原理另研发了一款新型污泥浓缩设备 - 叠螺式污泥浓缩机。此设备维持了叠螺式污泥脱水机全程自动连续运行、低能耗、高效率、运行稳定等优良性能，但相比于叠螺式污泥脱水机，它可直接将二沉池中的污泥进行快速浓缩。此设备可用于替代污泥浓缩池，在减少占地面积、降低土建施工成本之外，还可有效减少浓缩池污泥造成的恶臭和磷释放。除此之外，此设备还可作为污泥脱水和深度脱水系统的预处理设备使用。

According to market demand, KINTEP developed Screw Sludge Thickener. While maintaining superior performance of Screw Sludge Dewatering Machine like fully automatic continuous running, low power consumption, high efficiency and stability, it realizes quick thickening of low-concentration secondary sediment tank sludge.

It can be used to replace sludge thickening tank, space occupied and construction cost reduced, as well as the odor and phosphorus release. Also, it can be used as pre-treatment equipment before sludge dewatering and drying system.

Screw Sludge Thickener

叠螺式污泥浓缩机

设备原理

叠螺式污泥脱水机将搅拌絮凝装置、浓缩主体、集液槽、冲洗装置和电控箱以紧凑结构集于一体，因而可实现连续、高效、无人看护运行。

污泥与絮凝剂在搅拌装置中形成矾花，通过自流，流入浓缩主体。浓缩主体由螺旋轴、固定环、动环构成。固定环与动环层叠交错。螺旋轴转动带动污泥前进，前进过程中，随着容积腔内压力增大而实现逐渐脱水。脱水后的污泥从落泥口排出，分离出的液体则落入集液槽，从滤液口排出。螺旋轴旋转的同时带动动环旋转，避免堵塞问题。

Working Principle

Screw Sludge Thickener combines flocculation tank, thickening drum, filtrate collecting base, back-wash system and electric control system in a compact structure, make continuous high-efficient running possible, eliminating labor investment.

Pumped sludge reacts with polymers to form flocculation, then flow to thickening drum by gravity. The thickening drum composes screw shaft, fixing rings and moving rings in overlay. Sludge moves with the rotation of screw shaft, pressure in drum gradually increases, thus liquid pressed out. Dried sludge comes out from sludge outlet and separated liquid falls to filtrate collecting base, then overflowed to emission. Screw shaft will at the same time drive moving rings, thus sludge not to be clogged in drum.

设备选型 Processing Capacity Reference

机型 Model	DS 标准处理量(kg/h) Standard Dried Solids Quantity (kg/h)	
	低浓度 Low Concentration	高浓度 High Concentration
KTNDL301	60	120
KTNDL302	120	240
KTNDL303	180	360
KTNDL304	240	480
KTNDL351	100	200
KTNDL352	200	400
KTNDL353	300	600
KTNDL354	400	800
KTNDL401	160	320
KTNDL402	320	640
KTNDL403	480	960
KTNDL404	640	1280

规格尺寸与重量 Basic Specification

机型 Model	叠螺体规格(mm) Thickening Drum	外形尺寸 Equipment Dimension(mm)			净重NW (kg)	运行重量 Operation Weight (kg)
		长 Length (L)	宽 Width (W)	高 Height (H)		
KTNDL301	DN300×1980	3185	1000	1950	750	1275
KTNDL302	DN300×1980	3470	1365	1950	1340	2225
KTNDL303	DN300×1980	3870	1655	1950	1750	3030
KTNDL304	DN300×1980	4500	1904	1950	2150	4150
KTNDL351	DN350×2280	3637	1005	2050	1150	1915
KTNDL352	DN350×2280	3783	1475	2050	1950	3205
KTNDL353	DN350×2280	4268	1945	2050	2800	4830
KTNDL354	DN350×2280	4735	2415	2050	3700	6515
KTNDL401	DN400×2810	4330	1207	2250	2050	3425
KTNDL402	DN400×2810	4822	1860	2250	3850	6645
KTNDL403	DN400×2810	4754	2603	2250	5400	9710
KTNDL404	DN400×2810	4905	3120	2250	7000	12960

应用场合:

- 市政污水、养殖、石油炼化、酿造制革、印染造纸、煤化选矿、生化制药、钢铁酸洗、化工制糖、食品加工、屠宰等行业污泥浓缩 或固液分离
- 作为污泥深度脱水系统的预处理设备，为超高压压榨机、隔膜压滤机等设备配套
- 替代污泥浓缩池，作为污泥脱水系统的预处理设备

Application:

- Sludge thickening or solid-liquid separation for Municipal sewage and wastewater from aquaculture, oil refining, brewing tanning, printing and dyeing, papermaking, coal dressing, biochemical, pharmaceutical, steel pickling, chemical industry, sugar, food processing and slaughterhouse
- As pre-treatment system to be used together with Chamber Filter Press or Further Dewatering System
- As sludge thickening tank, to be used before sludge dewatering

Advantage 产品优点

<p>浓缩污泥范围广，通用污泥含水率范围95%-99%</p> <p>Wide application, suitable for 95%~99% moisture sludge</p>	<p>浓缩后污泥含水率在90-96%的范围内稳定可调</p> <p>Thickened sludge moisture can be 90%~95%</p>	<p>浓缩效率高，占地面积小</p> <p>High efficiency but smaller size</p>	<p>无滤布，自清洗，无堵塞，无需高压反冲水</p> <p>No-filter cloth structure, no clogging, self-cleaning rinse water supply pressure as low as 2kg/cm²</p>
<p>低速运转，低能耗，运行成本低，无振动，无噪音</p> <p>Low speed, low energy consumption, low operating cost, no vibration, no noise</p>	<p>封闭式作业，减少臭气产生</p> <p>All works completed in closed drum, less odor</p>	<p>易损部件少，维修成本低，使用寿命长</p> <p>Less vulnerable parts, lower maintenance cost, longer service life</p>	<p>全自动控制，连续运行、维护管理简单</p> <p>Full automation control for continuous running, easy maintenance</p>

运行条件 Operation Conditions

机型 Model	功率 Power (Kw)			清洗水压 Rinse Water Pressure	清洗用水量 (L/h) Rinse Water Quantity	维护频度 Maintenance Frequency
	叠螺体减速电机 Driving Motor	搅拌减速电机 Mixing Motor	合计 Total			
KTNDL301	0.75×1	0.55×1	1.3	>2kg/cm ²	93	10分钟/天 10mins/day
KTNDL302	0.75×2	0.55×1	2.05		186	
KTNDL303	0.75×3	0.75×1	3		279	
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KTNDL351	1.1×1	0.75×1	1.85		126	
KTNDL352	1.1×2	0.75×1	2.95		252	
KTNDL353	1.1×3	1.1×1	4.4		378	
KTNDL354	1.1×4	1.5×1	5.9		504	
KTNDL401	1.5×1	1.5×1	3		115	
KTNDL402	1.5×2	1.5×1	4.5		230	
KTNDL403	1.5×3	1.5×2	7.5		345	
KTNDL404	1.5×4	1.5×2	9		460	

主要应用于:

聚丙烯酰胺(PAM)粉状剂配制与投加。给水等其它水处理系统干粉的配制与投加,也可参照选用。

Mainly Applied to:

Suitable for the preparation and dosage of PAM solution, and also the other polymer solution in water supply system.

Polymer Preparation Device

一体化自动加药装置

项目 Item	型号 Model	KTYTH500	KTYTH1000	KTYTH1500	KTYTH2000	KTYTH3000	KTYTH4000
制备能力 (L/h) Capacity	熟化时间一个小时 Dissolution time one hour	500	1000	1500	2000	3000	4000
	整机功率 (kw) Power	1.87	2.62	2.62	3.67	4.87	4.87
外观参考尺寸 Dimension (mm)	L length	1660	1750	2100	2540	3100	3100
	W width	930	1180	1180	1400	1430	1580
	H height	1490	1770	1810	1970	2270	2360
	放空口 (外丝) ventnozzle (external thread)	DN25(G1")	DN32 (G1¼")	DN32 (G1¼")	DN32 (G1¼")	DN40 (G1½")	DN40 (G1½")
	溢流口 (外丝) overflow (external thread)	DN32 (G1¼")	DN40 (G1½")	DN40 (G1½")	DN40 (G1½")	DN50(G2")	DN50(G2")
	出药口 (外丝) dosing port (external thread)	DN25(G1")	DN32 (G1¼")	DN32 (G1¼")	DN32 (G1¼")	DN40 (G1½")	DN40 (G1½")
进水口 (外丝) water inlet (external thread)	DN25(G1")	DN32 (G1¼")	DN32 (G1¼")	DN32 (G1¼")	DN40 (G1½")	DN40 (G1½")	
设备净重 (kg) N/W		320	500	540	640	660	790
运行重量 (kg) operation weight		1020	2300	2680	3540	4560	5740



- 集自动配料、溶解、投加于一体,全自动运行。
- 定量装置计量准确,采用变速器驱动,可方便调整供料量,配制浓度范围大。
- 具有液位检测、流量控制、振动进料等功能。

- Fully automatic operation
- Quantitative dosage, with transmission drive, convenient to adjust the dosage rate and the wide range of concentration
- Liquid level measurement, flow control, assistant vibration feed and etc

广泛应用于:

市政污泥、石油炼化、酿造制革、印染造纸、煤化选矿、生化制药、钢铁酸洗、化工制糖、食品加工等，同时对果类榨汁和中药材的药渣脱水效果更为明显。

Widely Used in:

Municipal sewage petro-refining, leather making, printing and dyeing paper making, coalification, coalification dressing, biochemical pharmacy, steel pickling and chemical sugar, food processing etc. Meanwhile, the effect is more obvious for fruit juicing and traditional Chinese medicine liquid dewatering.

Belt Sludge Further Dewatering Machine

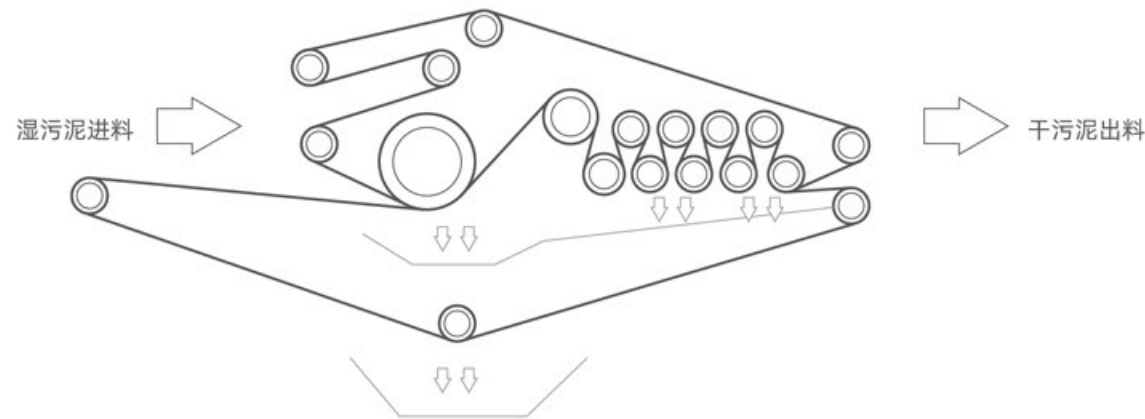
密相带式污泥深度脱水机

工作原理

通过对含水率80%左右的污泥进行化学调质改性处理后高压压榨脱水至含水率60%以下，KTDS深度脱水机是由上下两条张紧的滤带夹带着污泥层，从一连串有规律排列的辊压筒中呈S型经过依靠滤带本身的张力形成对污泥的压榨和剪切力，把污泥层中的毛细水挤压出来，获得含固率较高的泥饼，从而实现污泥的脱水。

Working Principle

By chemical modified conditioning treatment of sludge with 80% moisture, then dewater in high pressure, reduce the moisture to below 60%, the sludge goes through by two tension filters upper and down, it dewateres rely on the tension of the filters itself and pressure between them, then obtain high solid content mud cake, and realize sludge dewatering.



选型参照 Selection Reference

机型 Model	宽带 Belt width (mm)	产泥量 (kg/h) 60% Sludge quantity	DS标准处理量 (kg/h) DS standard processing quantity	湿污泥处理量 (kg/h) (80%)≤ Wet sludge processing quantity
KTSD500	500	500	200	1000
KTSD1000	1000	1000	400	2000
KTSD1500	1500	1500	800	4000
KTSD2000	2000	2000	1200	6000

说明:

1. 以上参照仅针对城市污水
2. 化工污泥和其他类型污泥的选型需另外核算

Remark:

1. The reference above is only for municipal sewage
2. The model of chemical or other type sewage may different and needs to check again



该系统操作简单，运行成本低，污泥经改性后直接由压滤机压滤快速脱水，不堵塞，含油脂类纤维的克星。

可以直接与原始污泥出口对接，不另行配置，零距离，零运输，零污染的无缝连接，从进料到出泥饼仅几分钟完成，从而达到不间断连接生产的目的不需要预留中间堆放场地，大大减少了污泥处理处置过程的投资、运营成本和环境危害。

Easy operation, low operation cost, sludge can be dewatered after modification, no clogging, suitable for the oily and fiber sludge.

It can dock with the exit of raw sludge, no need other auxiliary equipment, it takes few minutes from mudcake inlet to outlet, its uninterrupted production ensure no needs of stacking yard, save the investment, operation cost and be more friendly to the environment.

- 60%

≤10%含水率
减量60%以上

<10% moisture
Quantity reduction above 60%

1:4.2

1:4.2除湿比
两倍于行业标准

Dehumidification ratio
Twice of the industry standard

0

无臭气排放
无需除臭

Dehumidification ratio
Twice of the industry standard

100%

无热损
百分百热利用

No heat loss 100%
heat utilization

180
kw.h/T

低至180kw.h/T
的运行成本

As low as 180kw. H/T
Operating costs



低温更安全
无扬尘危害

Low temperature operation
No dust hazard

Close Loop Air Circulation Sludge Dryer

密闭式内循环 污泥干化

系统无二次污染. No Secondary Pollution

- 采用全封闭除湿干化模式，无臭气、VOC外溢，无需投资除臭或除VOC装置
- 采用除湿干化过程，H2S、VOC、NH3析出量少，微量析出的H2S、VOC、NH3会随冷凝水排放
- 冷凝水（污泥水分）随污泥脱水的排水回到调匀池或生化池，处理简易
- No heat waste during the drying process in a closed loop system.
- Very little odor emission during the process in a closed cabinet, thus no need for any expensive odor treatment devices.
- Condensed water can be directly discharged to bio tank.



节能. Energy Saving

- 平均除水一公斤耗电仅0.3-0.35度
- 业主有余热情况下，平均除水一公斤耗电0.2-0.25度
- 1kg water reduction, average electricity required is only at 0.3-0.35kw.h
- If other heat source is available, electricity required is at 0.2-0.25kw.h

运行安全. Safety

- 干化过程适合电镀、印染、市政、造纸、化工行业污泥干化
- 污泥干化过程粉尘浓度 < 50g/m³; 颗粒温度 < 50°C
- 无城市污染干化过程"胶粘相"阶段 (55-65%左右)
- 干料为颗粒状，无粉尘危险
- The drying process is suitable for sludge drying in electroplating, printing and dyeing, municipal, paper and chemical industries.
- Dust concentration < 50g/m³; Outlet sludge < 50°C
- The "adhesive phase" stage of the drying process without urban pollution (about 55-65%)
- Dried sludge in grains, no risk of dust and explosion.

主机寿命长. Stability

- 不接触含腐蚀性含高粉尘的湿热空气，不易结垢或腐蚀，寿命可达10年以上
- 采用高效与高负荷，每天24小时，一年365天运行的工业级主机。
- No contact with hot and humid air containing corrosive and high dust, it is not easy to scale or corrode, and has over 10 years service life.
- Adopt high efficiency motor, 24/365operation.

减容效率高. Efficiency

- 可直接将 < 85%含水率污泥干化至30%，无需加药
- 干化过程有机成分无损失，干料热值高，适合后期资源化利用
- 减重量达60%，可节约后段处置成本
- Sludge moisture content reduced from 85% to 30% without extra polymer addition.
- Organic content remains in dired sludge for further fuel use.
- Sludge volume reduced by 60%.

型号 Model	KSAC-6000	KSAC-8000	KSAC-10000	KSAC-12000	KSAC-15000	KSAC-18000	KSAC-24000	KSAC-30000
处理量 (去水KG/24h) Standard Dehumidification Capacity kg/24h	6000	8000	10000	12000	15000	18000	24000	30000
处理量 (去水KG/h) Standard Dehumidification Capacity kg/h	250	333	416	500	625	750	1000	1250
功率/KWH Power/KWH	88	120	145	176	245	265	325	380
电源 Power Supply	380v/50HZ							
能效比 (COP)	> 4							
制冷剂 Cooling Agent	R134a							
干燥温度 Drying Temperature	55-80°C (送风 Air Blow)							
控制系统 Control System	触摸屏 (西门子) + PLC (西门子) + 电气部件 (施耐德) Touch Screen (Siemens) + PLC (Siemens) + Electric Component(Schneider)							
进泥方式 Sludge Inlet	连续进料 Continuous							
湿泥适用范围 Applicable Sludge	< 82%							
干泥含水率 Output Sludge	50%-30% (可调 Adjustable)							
设备尺寸 Equipment Dimension	7500*3050*3000	9800*3050*3500	12100*3050*3000	14400*3500*3000	14600*3500*3000	17800*3500*3000	21000*3500*3000	26000*3500*3000

型号 Model	KSSC-6000	KSSC-8000	KSSC-10000	KSSC-12000	KSSC-15000	KSSC-18000	KSSC-24000	KSSC-30000
处理量 (去水KG/24h) Standard Dehumidification Capacity kg/24h	6000	8000	10000	12000	15000	18000	24000	30000
处理量 (去水KG/h) Standard Dehumidification Capacity kg/h	250	333	416	500	625	750	1000	1250
热源 Heat Supply	80°C以上热水/蒸汽							
方式一: 蒸汽量kg/h Steam kg/h	300	400	500	600	750	900	1200	1500
方式二: 热水m ³ /h (80°C以上) or Hot Water m ³ /h (above 80°C)	16.8	23	28	33.6	42	50	68	84
冷源 Cooling Device	30°C以下冷水/冷却塔/制冷辅机							
系统运行功率KWH: 配套冷却塔 Power (with cooling tower) KWH	30	35	42	50	68	72	89	106
系统运行功率KWH: 配套制冷机组 Power (with refrigerator) KWH	60	80	98	115	145	160	220	260
电源 Power Supply	380v/50HZ							
干燥温度 Drying Temperature	55-80°C (送风 Air Blow)							
控制系统 Control System	触摸屏 (西门子) + PLC (西门子) + 电气部件 (施耐德) Touch Screen (Siemens) + PLC (Siemens) + Electric Component(Schneider)							
进泥方式 Sludge Inlet	连续进料 Continuous							
湿泥适用范围 Applicable Sludge	< 82%							
干料含水率 Output Sludge	50%-30% (可调)							
设备尺寸 Equipment Dimension	7500*3050*3000	9800*3050*3500	12100*3050*3000	14400*3500*3000	14600*3500*3000	17800*3500*3000	21000*3500*3000	26000*3500*3000

可充分实现对污泥进行“减量化、稳定化、无害化和资源化”处理；最终污泥颗粒可做掺烧燃料、焚烧、建筑材料、生物燃料等；可适合生活污水、印染、造纸、电镀、化工、皮革、各类型污泥干化系统(包括含砂量大污泥)。

It can realise sludge reduction, stabilisation, harmless and re-utilization, dried sludge can be used as fuel stuff, construction material, bio-fuel. Wide Application: municipal sludge and industrial sludge (from printing and dyeing, paper making, electroplating, chemical plants, tannery, pharmaceutical, etc.) and also the sludge which contains high percent of sand.

采用热泵热回收技术，密闭式干化模式无任何废热排放，80°C以下低温干化过程，充分适合市政、印染、造纸行业污泥干化，可直接将83%含水率污泥干化至10%，无需分段处置(如：板框压滤+带式干化、叠螺干化+带式干化等)，全自动运行，节约大量人工成本，PLC+触摸屏智能控制，可实现远传集中控制，采用不锈钢等耐腐蚀材料、换热器采用电镀防腐处理，使用寿命长。

Heat pump heat recovery technology, closed system, no waste heat emission, lower than 80 °C drying process, suitable for municipal, printing and dyeing, paper industry sludge drying, it can directly dry 83% moisture content of sludge to 10%, no need for segmented disposal (such as: plate and frame filter + belt drying, stacked screw drying + belt drying, etc.), fully automatic operation, saving a lot of labor costs, PLC + touch screen intelligent control, can realize remote centralized control, using stainless steel and other corrosion-resistant materials, heat exchanger using electroplating anti-corrosion treatment, long service life.

Modular Low Temperature Sludge Dryer

模块化低温干化



选型参照 Selection Reference

型号 Model	KTGH-1200MK	KTGH-2400MK	KTGH-4800MK	KTGH-9600MK	KTGH-14400MK	KTGH-19200MK	KTGH-24000MK	KTGH-28800MK	KTGH-33600MK
标准去水量 (kg)/24h Standard Dehydration (kg)/24h	1200	2400	4800	9600	14400	19200	24000	28800	33600
总功率 Power	16.8	32.5	63	126	189	252	315	378	441
热泵模块数 Heat Pump Module	1	1	1	2	3	4	5	6	7
压缩机台数 Compressor	2	4	4	8	12	16	20	24	28
冷却方式 Cooling system	风冷 Air Cooling								
制冷剂 Refrigerant	R134a								
电源 Power Supply	(220V/380V/440V) /3H/50Hz(60Hz)								
干燥温度 Max. temperature of air output	40-50°C (回风 air return) /60-65°C (送风 air blow out)								
控制系统 Control system	触摸屏+PLC可编程控制器 Touch screen (Siemens) + PLC (Siemens) + electric components (schneider)								
湿泥适用范围 Applicable wet sludge	65%-85%								
干料含水 Moisture content of the dried sludge	≥10%								
成型方式 Shaping method	切条 Slivering								
外形尺寸(mm) Size (mm)	3200*2400*2870 4700*2400*2940 5150*3115*3125 8370*3115*3125 11590*3115*3125 14810*3115*3125 18030*3115*3125 21250*3115*3125 24470*3115*3125								
结构形式 Framework type	模块式组装 Modular Assembly								
重量 Weight	1.6T	2.5T	5T	7.5T	10T	13T	17.5T	22T	25.5T

适用范围广

可广泛应用于市政、印染、电镀、化工、造纸及食品等行业。

Wide Application

Municipal sludge, dyeing, printing and dyeing, electroplating, chemical, paper, food industries and etc.

安全

系统在低温状态下运行过程不会产生爆炸隐患，污泥相对静态输送，无摩擦静电危险，干料为颗粒状，无粉尘危害。

Safety

Low running temperature, no explosion potential; sludge conveyed in a relative static way, no friction and static electricity; dried sludge in grain type, no dust.

调节度大

进泥含水率一般情况保证65-85%即可，出泥含水率根据现场实际需要在大于10%范围均可调。

Wide Adjustable Range

65~80% moisture sludge inlet is workable and output moisture can be adjusted till 10%.

无臭气外泄

整套设备采用全密封设计，无需进行除臭处理，外排水达到“纳管”标准。

No Odor

Totally enclosed design, no odor treatment is required.

除湿比高

采用进口压缩机及相关零部件，整套系统除湿比搞大近4kgH₂O/kw·h。

High Dehumidification

Up to 4kgH₂O/kw-h

无热损

采用全封闭式热能回收技术，实现热源百分百循环利用，无热能损失，系统工作效率更出色。

No Heat Loss

Complete heat recycle, 100% heat utilization.

运行成本低

采用高效型压缩机，提高整体COP，大大提高能量转换效率，80%-30%运行成本低至200kw·h/T。

Low Operation Cost

High-efficiency compressor promote higher COP eg. operation cost of 80% to 30% moisture - 200kw-h/T

智能化、稳定化

整套系统全部采用进口元器件品牌，保证现场运行的智能化、稳定性。

Intelligent and Stable

Advanced first-class brand components, ensure intelligent and stable running.

自由组合. Independent Assortment

分体式结构，用户可根据需求，自行选择沉淀与压滤功能

Split structure, users can choose sedimentation and filtration according to their needs

全自动化. Full Automation

- 震动辅助卸泥，无需人工铲泥
- 选配自动冲洗功能，可以全自动清洗滤布
- 自动判断启停及故障监控
- Vibration assisted mud unloading, without manual shovel.
- Optional washing function, the filter cloth can be cleaned automatically.
- Automatic judgment of start-stop and fault monitoring.

绿色节能. Energy-saving

- 中水可回用节约资源
- 能耗更低
- 占地面积更小
- Gray-water can be reused to save resources.
- Lower energy consumption.
- Smaller footprint.

快捷高效. Fast and Efficient

- 无机泥：1平方压滤面积，24小时出泥饼约1.5方
- 有机泥或其他混合类污泥：每个压滤周期短至30分钟，泥饼含水率低于70%
- 有机泥或其他混合类污泥：1平方压滤面积，24小时出泥饼约700L
- 特殊有机物行业：每个周期短至60分钟，泥饼含水率低于75%
- Inorganic mud: 1 square filter area, can get 1.5 square mud cake in 24 hours.
- Organic or other mixed sludge: filtration period is as short as 30 minutes, and the moisture content lower than 70%.
- Organic or other mixed sludge: 1 square filter area, can get about 700L mud cake in 24 hours.
- Special organic industry: each filtration cycle is as short as 60 minutes, moisture content of mud cake is lower than 75%.

Application 应用场合

无机泥行业
石材、陶瓷、火力发电、太阳能电池、玻璃加工、混凝土等行业

Inorganic Sludge
Stone, ceramics, thermal power generation, solar cells, glass processing, concrete and etc

有机泥或其他混合类污泥行业
化工、印染、酸洗、市政污泥等行业

Organic or Other mixed Sludge
Chemical industry, printing and dyeing industry, pickling industry, municipal sludge and etc

特殊有机物行业
乳制品行业等

Special Organic Sludge
Dairy industry, etc

Full Automatic Ultra-high Pressure Chamber Filter Press System

高效全自动压滤系统

高效沉淀系统选型表 Model Selection Form of High Efficiency Sedimentation System

设备型号 Model	VMC30	VMC60	VMC100	VMC150
设备材质 Material	碳钢防腐 Anti-corrosion carbon steel			
设备尺寸 Dimension	1350*2160*2800	3110*2510*2910	4630*2510*2910	6520*2550*4120
机台重量 N.W.	1000kg	3000kg	4200kg	6300kg
整机功率 Power	1.5kw	2.5kw	2.2kw	3.7kw
斜管数量 Inclined pipe Qty	120片 pcs	220片 pcs	330片 pcs	440片 pcs
进水方式 (潜水泵) Water inlet method (submersible pump)	18m³/h 1.5kw	42m³/h 2.2kw	64.8m³/h 2.2kw	96m³/h 3.7kw
污泥处理量 Capacity	15m³/h	30m³/h	50m³/h	75m³/h
沉淀池主体尺寸 sedimentation tank size	1350*2160*2800	3110*2510*2910	4630*2510*2910	6520*2550*4120
处理形式 Treatment method	沉淀、净化、浓缩 Sedimentation, purification and concentration			

压滤系统选型表 Model Selection Form of Filtration System

设备型号 Model	KMP400/5		KMP500/5		KMP500/8		KMP630/12		KMP800/12	
设备材质 Material										
设备尺寸 Dimension	1940*900*H1920		1940*1000*H2020		2260*1000*H2030		2260*1200*H2180		3780*1520*H2260	
机台重量 N.W.	650kg		860kg		960kg		1580kg		2890kg	
整机功率 Power	2.2kw		2.2kw		2.2kw		2.2kw		2.2kw	
压滤面积 (M²) Filtration Area	1.28		2		3.5		8.58		14.08	
*滤室容积 (L) Chamber volume	15.2		25.2		44.1		111		190	
进泥方式 (隔膜泵) Sludge feeding mode (diaphragm pump)	1" 116L/m		1-1/2" 160L/m		1-1/2" 160L/m		1-1/2" 160L/m		2" 500L/m	
每小时泥饼 (L) Mud cake per hour	有机 Organic	无机 Inorganic	有机 Organic	无机 Inorganic	有机 Organic	无机 Inorganic	有机 Organic	无机 Inorganic	有机 Organic	无机 Inorganic
	22.8	60.8	37.8	45	66.15	176.4	166.5	444	285	760
预计出泥含水 Moisture content	< 75	< 55	< 75	< 55	< 75	< 55	< 75	< 55	< 75	< 55
每小时绝干量 ds.kg/h	5.7	27	9.5	45	16.5	79	41.6	200	71.2	342
处理形式 Treatment method	挤压、过滤 Extrusion, filtration									

注：在不影响设备性能的前提下，PWI保留改良部分设备参数的权利。
Note: PWI reserves the right to modify some of the device parameters without affecting the performance of the device.

以上数据每小时泥饼产量和绝干均为最保守数据 / The above figures are the most conservative

The Core advantage of VMC 兰美拉沉淀池核心优势

结构紧凑、节约面积
占地面积仅为传统沉淀系统所需面积的20%

德国工艺、性能高效
内部设计采用德国工艺设计，斜板不易堵塞、沉淀面积更大、沉淀时间更短

进口材质、坚固耐用
采用8mm进口材质作为分离薄板，
模板式嵌入，强度更高且易冲洗



Compact Structure, Area Saving
The area is only 20% of the traditional sedimentation system.

German Technology, High Efficiency
The internal design adopts German process design, flog-free inclined plate, larger sedimentation area and shorter sedimentation time.

Imported Material, Strong and Durable
8mm imported material is used as separation sheet, with template embedded, higher strength and easy to wash.

与各行业 知名企业合作

Cooperate with Well-known
Companies in Various Industries

市政废水. Municipal Wastewater



养殖废水. Farming Wastewater



制药废水. Pharmaceutical Wastewater



食品废水. Food Wastewater



印染废水. Dyeing Wastewater



医疗废水. Medical Wastewater



生物废水. Biological Wastewater



石化废水. Petrochemical Wastewater



金属废水. Metal Wastewater



其他废水. Other Wastewater



叠螺式污泥脱水机

Screw Sludge Dewatering Machine



市政行业

江西南昌. KTDL-404*1套
生化污泥



石油化工

山东东营. KTDL-352车载一体化
油泥



河道清淤

陕西铜川. KTDL-303*6套
生化污泥 + 物化污泥



养殖行业

山东聊城. KTDL-303*1套
生化污泥



制药行业

内蒙古通辽. KTDL-353*1套
生化污泥 + 物化污泥



水产加工

浙江象山. KTDL-404*1套
气浮浮渣



食品加工行业

江苏泗洪. KTDL-404*1套
生化污泥 + 物化污泥



医疗废水

湖北随州. KTDL-251*2套
生化污泥 + 物化污泥



棕榈油行业

印尼. KTDL-403*1套
生化污泥



金属加工

安徽马鞍山. KTDL-301*1套
物化污泥+少量生化

密相带式污泥深度脱水机

Belt Sludge Further Dewatering Machine



河北唐山
日处理量. 300t/d
KTDS-2000K*4套
含水率. 83% → 59%



昆明洛龙河
日处理量. 40t/d
KTDS-2000*7套
含水率. 86% → 58.8%



江苏盐城
日处理量. 55t/d
KTDS-1500*1套
含水率. 82% → 60%



浙江东阳
日处理量. 55t/d
KTDS-2000*1套
含水率. 80% → 60%



山西运城
日处理量. 65t/d
KTDS-1500*2套
含水率. 83% → 60%



河南信阳
日处理量. 150t/d
KTDS-2000*1套
含水率. 83% → 59%



内蒙古呼和浩特
日处理量. 50t/d
KTDS-1000*1套
含水率. 80% → 59%



河北秦皇岛
3日处理量. t/d
KTDS-500*1套
含水率. 90% → 60%



上海外高桥
日处理量. 24t/d
KTDS-1500*1套
含水率. 92% → 60%

低温干化

Modular Low Temperature
Sludge Dryer



江苏泰州
日处理量. 5t/d
KSSC-4000*1套
含水率. 80% → 30%



浙江宁波
日处理量. 15t/d
KSAC-8000*1套
含水率. 70% → 30%



吉林长春
日处理量. 15t/d
KSSC-12000*1套
含水率. 80% → 30%



江苏南通
日处理量. 2t/d
KSAC-1200*1套
含水率. 80% → 30%



浙江湖州
日处理量. 40t/d
KTGH-28800MK*1套
含水率. 83% → 40%



江苏无锡
日处理量. 3t/d
KTGH-2400MK*1套
含水率. 85% → 30%



山东潍坊
日处理量. 2t/d
KTGH-1200MK*1套
含水率. 75% → 30%



湖北十堰
日处理量. 5t/d
KTGH-2400MK*1套
含水率. 80% → 30%

PWI

Full Automatic Ultra-high Pressure
Chamber Filter Press System



PVC回收应用
安徽. VFB20-2



陶瓷行业
江苏宜兴. KRP500/5+VMC80



玻璃行业
江苏泰州. KMP500/8+VM50



奶制品行业
内蒙古. KRP800/12



洗砂行业
江苏泰州. VMC100



化工行业
江苏南通. VMC200



钢铁行业-含锡污泥
武汉. KRP500/5



钢铁行业-钢材切割
上海. KMP400/5+VMC20

部分案例 Typical Cases

Service & Support

服务与支持

依靠全面的售前支持及完善的售后服务体系，康泰可以帮助用户及时有效地解决各种问题。

Relying on the all-around pre-sale technical support and the completed after-sale service system, kintep will solve all kinds of problems for users timely and effectively.

全面的售前支持. All-around Pre-sale Technical Support

在用户购买产品之前，我们的销售人员和技术人员将为您提供全面的咨询服务，根据您在工程建设中的需求向用户推荐最合适的产品。

Before selling the products, our sales staffs and engineers will provide all-round consulting service and help users to choose the most suitable products.

专业的售中服务. Professional In-sale Service

在用户购买产品的过程中，我们为您提供专业优质的售中服务，包括产品选型、工艺优化、来样分析、现场试验方案设计等。

During buying the products, we can provide users professional in-sale service, including product selection, process optimization, sample analysis, field test and design service etc.

完善的售后服务. Perfect After-sale Service

在用户购买产品之后，可以享受我们完善的售后服务。

After buying our product, customers can get our completed after-sale service.



- 设备现场调试安装. Installation and Commission On-site
- 设备操作人员培训. Operator Training
- 免费保修一年. One Year Free Warranty

专业的服务团队 Professional Service Team

我们拥有一批高素质的、具有丰富理论与实践经验的服务支持团队，能够为用户提供有价值的技术服务与支持。

We have a professional and experienced service team, can provide valuable technical service and support.

快速的反应体系 Quick Response System

对于客户各种方式的咨询、反馈和疑问，我们将会在第一时间内向客户提供满意的答复或安排，及时解决产品在使用过程中出现的各种技术问题，保证设备连续、高效运行。

For any consults feedbacks and questions, we will give the a satisfactory responds arrangement at first time, solve technical problems during using process in time, to ensure the equipment operate continuously and effectively.

Corporate Culture

企业文化

Canada
USA
Mexico

Colombia
Brazil
Chile
Peru

Netherlands
Lithuania
Latvia
Sweden
Estonia

Russia
Mongolia

China

Japan
Korea

Italy
Britain
Poland
Czech
Germany
Romania
Spain
Slovenia
France

Ukraine
Hungary
Slovakia
Serbia

Kazakhstan
Uzbekistan
Iran
Saudi Arabia

India
Bengal
Pakistan

Vietnam
Singapore
Thailand
Philippines
Malaysia
Indonesia

Ethiopia
Kenya

Australia

| 企业使命. Mission

提供有竞争力的环保装备和服务,
持续为客户创造有利价值

Provide competitive environmental equipment
and service, create maximum value for customers

| 核心价值. Values

诚信/ 创新/ 精进/ 共赢

Honesty. Innovation. Diligent. All-win

| 企业愿景. Vision

成为国际领先的环保企业

To be the world-class environmental
protection enterprise.