

QILEE[®]

上海祁立环保设备有限公司

Shanghai QILEE Environmental Protection Equipment Co.,Ltd

中文网站 www.qilee.cn

www.chinaqilee.com

English Http www.shqilee.com

www.qilee.en.alibaba.com

Shanghai QILEE Environmental Protection Equipment Co.,Ltd

QILEE[®]

上海祁立环保设备有限公司

Shanghai Qilee Environmental Protection Equipment Co.,Ltd

地 址：上海市闵行区顾戴路3009号412室

邮 编：201101

电 话：021-51697580 51697585

传 真：021-51687968

邮 箱：qilee@163.com

网 址：www.qilee.cn www.chinaqilee.com

Add: Room 412, No. 3009 Gudai Road, Minhang

District, Shanghai, China. P.C 201101

Tel: +86-21-51697580 51697585

Fax: +86-21-51687968

E-mail: qilee@163.com

Http: www.qilee.cn www.chinaqilee.com

北京办事处:

地 址：北京市海淀区交大东路66号院2号楼钻河中心1533室

电 话：139 1092 4012

传 真：021-51687968

邮 箱：qilee@163.com

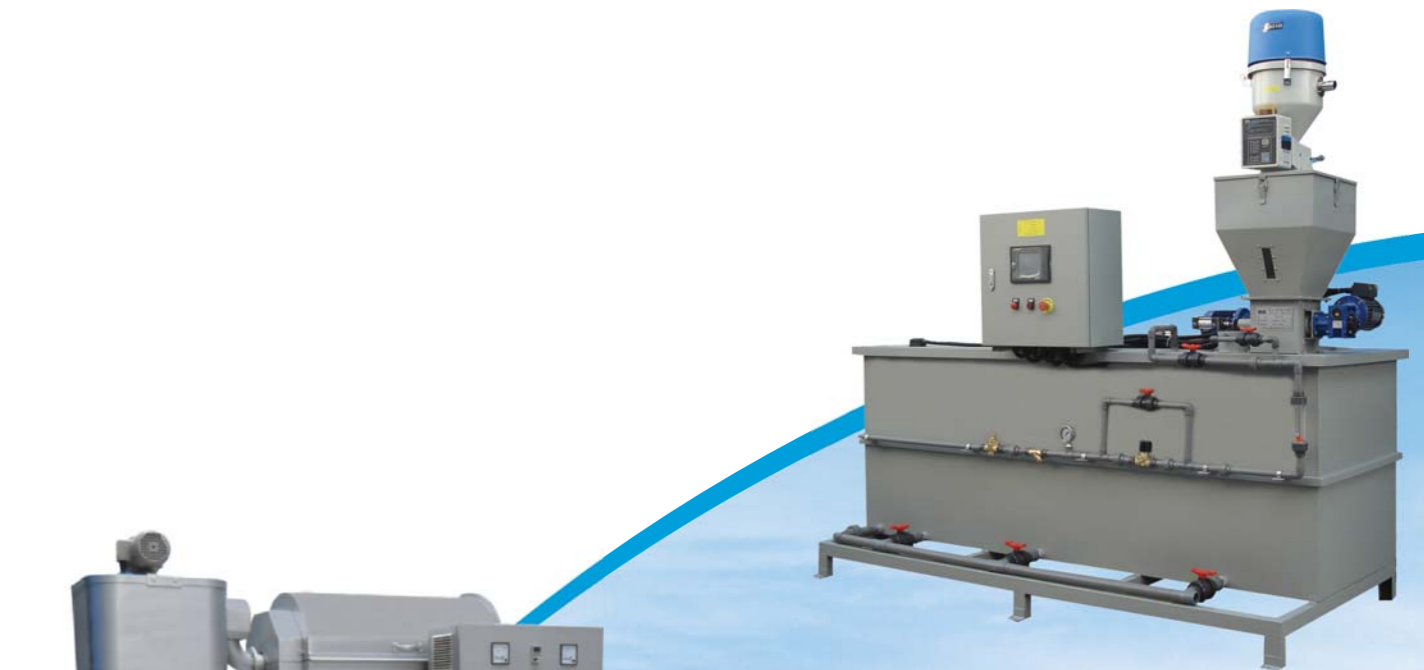
Beijing office

Add: Room 1533, Jiaoda Road No. 66, Haidian District, Beijing China

Tel: 139 1092 4012

Fax: 021-51687968

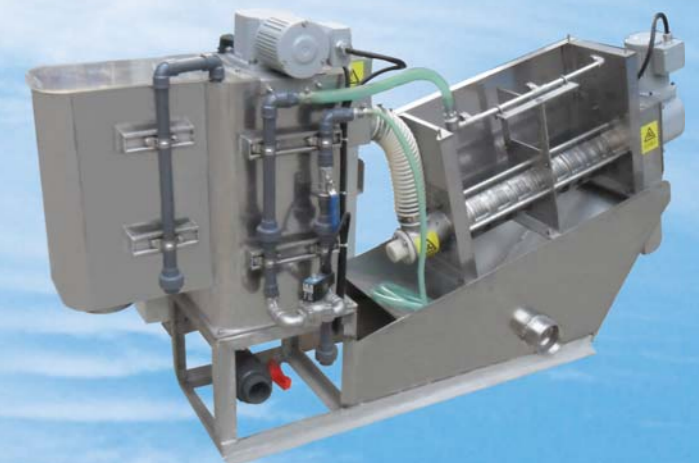
E-mail: qilee@163.com



高分子全自动泡药机
Macromolecule Automatic Dissolver



转鼓浓缩/脱水一体机
Rotary Drum Thickening/Dehydrating Belt Presses



叠螺式污泥脱水机
Stacked Sludge Dewatering

企业简介

上海祁立环保设备有限公司是集研究开发、生产销售环保设备为一体的专业企业，公司自成立以来，一贯秉持“品质第一，永续经营”之企业理念，实施“专业化，规模化，国际化”之发展战略。不断进行技术创新，并结合各行业客户使用经验和建议，为客户提供更优质的产品与服务。

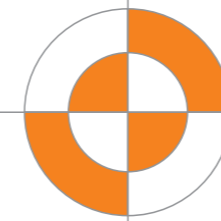
公司引进国外先进技术，自主设计生产的污泥脱水机、高分子自动泡药机、搅拌机等设备已广泛应用于环保、化工、食品、制药、电镀、冶金等行业。

我们将以宝贵的行业经验和深厚的专业知识，为您提供最完善的售前和售后服务，与您共创一个无污染的生活环境空间。

Shanghai QILEE is a company integrates the research and development, production and marketing of environmental protection equipment. It adheres to the corporate philosophy of "Quality first, Sustainable operation" since its foundation in 2006. It implements development strategic of "professionalization, scale and internationalization". Shanghai QILEE keeps technical innovations constantly and provides superior products to meet the requirements of customers and market.

Shanghai QILEE brings in advanced foreign technology and originally designs and manufactures sludge dehydrators, automatic dissolvers, oil skimmers and agitators.

With our precious experience and professional knowledge, we will provide our best pre-sale and after-sale service for you. Work together with us, you will find enjoyable and successful business is so easy.



产品目录 Content

叠螺式污泥脱水机 Stacked Sludge Dewatering	P01
转鼓浓缩/脱水一体机: QTA/QTAH系列 Rotary Drum Thickening/Dehydrating Belt Presses: QTA/QTAH Series	P05
QTB 系列 QTB Series	P06
QTBH 系列 (低/中浓度使用) QTBH Series(Suitable for low/middle consistency)	P07
QTE系列 QTE Series	P08
污泥脱水实例 Sludge Dewatering Examples	P09
QLDN 系列叠螺式污泥浓缩机	P11
转鼓式污泥浓缩机 Rotary Drum Type Thickening System	P12
滤带式浓缩机 Belt Filter Type Thickeners	P13
干化学品(石灰等)储存/投加系统 Dry Chemical(lime,etc.) Storage and Dosing System	P14
高分子全自动泡药机(干粉投加装置) Macromolecule Automatic Dissolver (Powder feeding system)	P15
PAC 粉体自动溶药机(干粉投加装置) PAC Automatic Dissolver (Powder feeding system)	P16
加药装置 Automatic dosing device	P17
QILEE 系列搅拌机 Qilee Series mixer	P18
污泥高效深度脱水装置 Integrated Sludge Deep Dewatering System	P21
刮油机-油水分离设备 Oil Skimmer	P23
现场照片 Photo	P24



叠螺式污泥脱水机

Stacked Sludge Dewatering

结构原理 Product Structure

脱水机的主体是由固定环和游动环相互层叠，螺旋轴贯穿其中形成的过滤装置。

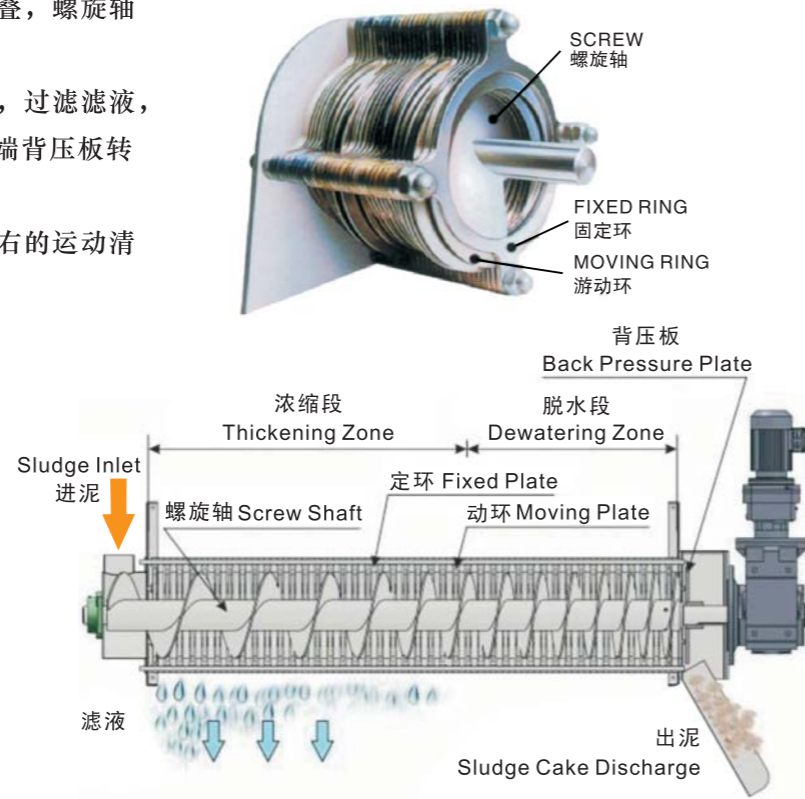
固定环和游动环之间形成的细小活动滤缝，过滤滤液，螺旋轴和环片形成的内腔充满絮凝颗粒，向末端背压板转动过程输送挤压并形成泥饼。

螺旋轴旋转推动，不断带动游动环上下左右的运动清扫滤缝，防止堵塞。

The main part of the dehydrator is a filter device that a screw runs through the stacked fixed rings and moving ring.

The small gaps between fixed rings and moving ring can filter the sludge, and the lumen between screw and rings is filled with polymer grains. The moving ring transfers the sludge to the end of the machine with pressure and extrudes sludge cakes.

The running of the screw drives the moving ring to clean the gaps and avoid jam.



适用行业 Product Application

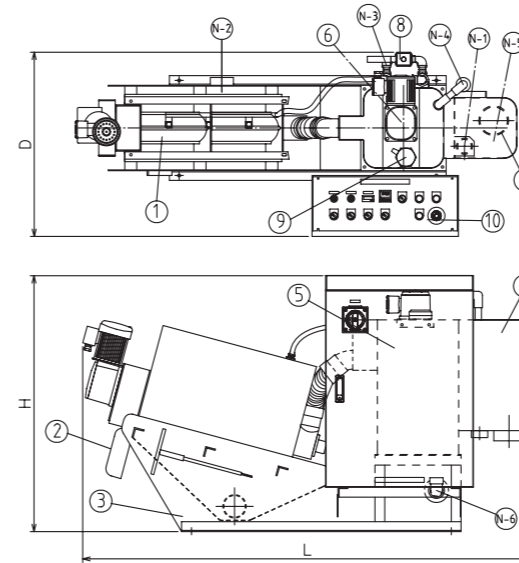
适用于市政污水、生活污水、食品、饮料、化工、皮革、焊材、造纸、印染、制药、电镀、油田、煤矿、酿酒、畜牧养殖、餐厨废水、自来水厂、发电厂、钢铁厂等行业的污泥。

City mixed raw sewage、Food & beverage industry、Chemical industry、Stone & mine sewage、Leather & tannery sewage、Paper & pulp sewage、Electro-plating sewage、Printing & dyeing sewage、Power plant、Petrochemical industry

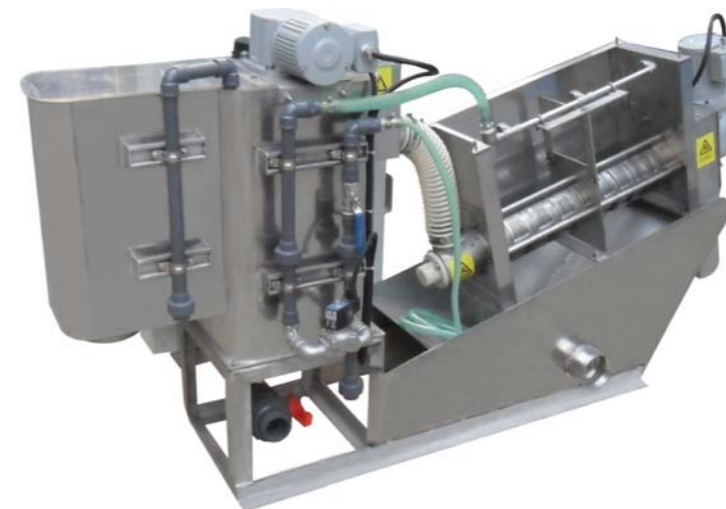
技术优势 Product Features

- | | |
|--|---|
| 1、适用于高、低浓度污泥的脱水。进行低浓度（2000mg/L）污泥的脱水时，无需建设浓缩池、贮存池，降低建设成本，减少磷的释放和厌氧臭气的产生。 | 1. Suitable for sludge treatment of high/low consistency. |
| 2、不堵塞，减少冲洗用水量，节省水费，减少清洗用水回流造成的内循环负担。 | 2. There is no need to worry about jam up. Reduce the cleaning water consumption. |
| 3、电控柜、絮凝混合槽和脱水主体一体化，减少占地面积，安装起来简单方便。 | 3. The electrical cabinet, disposal tank and dehydrator are integrated, reducing the covering area and brings convenience to installment. |
| 4、脱水机基本处于封闭作业，且处理稳定、及时，使现场臭气减少到最低，改善工人的工作环境。 | 4. The dehydrator is enclosed working, reducing the bad smell and improving the working environment. |
| 5、实现全自动24小时运行，减少操作工人的劳动强度。 | 5. Automatically working for 24 hours, reducing the labor strength of workers. |
| 6、螺旋轴运转速度低，一分钟为2-3转，耗电低，现场基本没有振动和噪音。 | 6. The slow running speed of screw shaft reduces the power consumption and noise. |
| 7、机体几乎全部采用不锈钢材质，能够最大限度延长使用寿命。更换部件只有螺旋轴和游动环，使用周期长。 | 7. It is made with stainless, extending the service life. |
| 8、日常维护时间短，维护作业简单。 | 8. It is convenient for daily maintenance. |

设备结构图



部件名称 Name of Parts			
编号No	名称 Name	名称 Name	材质Material
①	脱水主体	Dehydrating subject	SUS304
②	泥饼排出板	Mud cake discharge plate	SUS304
③	脱水主体底座	Support seat of dehydrating subject	SUS304
④	计量槽	Metering tank	SUS304
⑤	絮凝混合槽	Flocculation mixing tank	SUS304
⑥	混合槽搅拌机	Agitator of mixing tank	SUS304
⑦	液位调整管	Liquid level compensating pipe	SUS304
⑧	供水电磁阀	solenoid valve of water supply	SUS304
⑨	液位开关	Liquid level switch	SUS304
⑩	电控柜	Electric cabinet	SUS304



接口连接 Interface Connection		
编号No	名称 Name	连接部 Connecting parts
N-1	污泥输送口 Sludge conveyor exit	接口 (SUS) connector (SUS)
N-2	滤液排出口 Filter liquor discharge exit	接口 (SUS) connector (SUS)
N-3	供水口 Water supply exit	凹口接口 (PVC) Notch connector (PVC)
N-4	药液输送口 Agent conveyor exit	凹口接口 (PVC) Notch connector (PVC)
N-5	回流口 Reflux inlet	接口 (SUS) connector (SUS)
N-6	混合槽排污口 Drain outlet of mixing tank	球阀 (PVC) Ball valve (PVC)

选型参数 Product Parameters

处理量 Treating Capacity	3~300 (DS-kg/h)
用电量 Power Consumption	0.2~6.0kw/h
冲洗用水量 Cleaning Water Consumption	24~216L/h
高分子絮凝剂添加率 Macromolecule Polymer Addition Rate	2.0~4.0(kg/Ton D.S)
维持管理频度 Maintenance Frequency	5分钟/天 5min/day
供水水压 Water Pressure	0.2~0.3MPa
泥饼排出口离地面距离 Distance of Outlet Exit to Gound	215~500mm
螺旋轴更换周期 Replacement Period of Screw Axis	3~11年 3~11 year
游动环更换周期 Replacement Period of Moving Ring	1~4年 1~4 year

DS标准处理量=污泥流量×污泥浓度 (DS是指绝干污泥) 例:
处理量: 3[kg-DS/h] 污泥浓度: 2000[mg/L]
 $3[\text{kg-DS/h}] \times 1000[\text{g/kg}] \div (2000[\text{mg/L}] \div 1000[\text{mg/g}]) = 1.5\text{m}^3/\text{h}$
处理量 单位换算 浓度 单位换算 流量
DS Standard Capacity= Sludge flow* Sludge Consistency
(DS refers to Dried Sludge)

易损件更换时间是个大概数值，在实际运行过程中，污泥的种类、处理的方式、运行调整状况以及每天的运行时间，都会影响到易损件的更换周期（易损件更换周期以365天/年，8小时/天的运行时间来计算）。

In actual operation, the features of slurry, disposing approaches, running state and running time will affect the replacement cycle of the wearing parts. (the replacement period of wearing parts is calculated as 365 days/year, 8hours/day)

选型参照 Selection of models

机型 Model	Ds标准处理量 Ds Standard Treating Capacity		污泥流量 Sludge Flow					
	低浓度→高浓度 Low-high consistency		2000mg/L	5000mg/L	10000mg/L	20000mg/L	25000mg/L	50000mg/L
QLD101	~3kg/h	~5kg/h	~1.5m³/h	~0.6m³/h	~0.5m³/h	~0.25m³/h	~0.2m³/h	~0.1m³/h
QLD131	~5kg/h	~10kg/h	~2.5m³/h	~2m³/h	~1m³/h	~0.5m³/h	~0.4m³/h	~0.2m³/h
QLD132	~10kg/h	~20kg/h	~5m³/h	~4m³/h	~2m³/h	~1m³/h	~0.8m³/h	~0.4m³/h
QLD201	~6kg/h	~18kg/h	~4.5m³/h	~1.8m³/h	~1.5m³/h	~0.75m³/h	~0.6m³/h	~0.3m³/h
QLD202	~18kg/h	~30kg/h	~9m³/h	~3.6m³/h	~3m³/h	~1.5m³/h	~1.2m³/h	~0.6m³/h
QLD301	~30kg/h	~50kg/h	~15m³/h	~6m³/h	~5m³/h	~2.5m³/h	~2m³/h	~1m³/h
QLD302	~60kg/h	~100kg/h	~30m³/h	~12m³/h	~10m³/h	~5m³/h	~4m³/h	~2m³/h
QLD303	~90kg/h	~150kg/h	~45m³/h	~18m³/h	~15m³/h	~7.5m³/h	~6m³/h	~3m³/h
QLD304	~100kg/h	~200kg/h	~50m³/h	~10m³/h	~20m³/h	~10m³/h	~8m³/h	~4m³/h
QLD352	~120kg/h	~200kg/h	~60m³/h	~24m³/h	~20m³/h	~10m³/h	~8m³/h	~4m³/h
QLD353	~180kg/h	~300kg/h	~90m³/h	~36m³/h	~30m³/h	~15m³/h	~12m³/h	~6m³/h

* DS标准处理量=污泥流量x污泥浓度 (DS是指绝干污泥) DS Standard Capacity= Sludge flow* Sludge Consistency (DS refers to Dried Sludge)

规格尺寸 Specifications

机型 Model	螺旋轴规格 Screw Axis Specification	泥饼排出口离地面距离 Outlet Position(ground distance) (mm)	机械尺寸 Dimensions (mm)			净重 Net Weight	运行重量 Operating Weight
			长 L	宽 W	高 H		
QLD101	∅100x1	215	1816	756	1040	190kg	280kg
QLD131	∅130x1	215	1816	756	1040	220kg	320kg
QLD132	∅130x2	215	1816	856	1040	300kg	410kg
QLD201	∅200x1	350	2300	785	1270	375kg	520kg
QLD202	∅200x2	350	2500	935	1270	470kg	680kg
QLD301	∅300x1	495	3255	985	1600	820kg	1230kg
QLD302	∅300x2	495	3455	1295	1600	1350kg	2050kg
QLD303	∅300x3	495	3605	1690	1600	1820kg	2810kg
QLD304	∅300x4	495	3605	2150	1600	2350kg	3750kg
QLD352	∅350x2	585	4140	1550	2250	2450kg	3400kg
QLD353	∅350x3	585	4420	2110	2250	3350kg	4850kg

*备注：以上规格本公司保留设计变更之权利。*Note: Shanghai QILEE has the right to revise the specification.

运行条件 Operation Conditions

机型 Model	电动功率 (Kw) Power Consumption			清洗用水压 Water Pressure for Cleaning	清洗用水量 Water Demand for Cleaning (L/h)	维护频度 Maintenance period	易损件更换周期 (年) Replace Period for Wearing Parts (year)	
	螺旋轴 Screw Axis	搅拌机 Agitator	合计 Total				螺旋轴 Screw Axis	活动环 Moving Ring
QLD101	0.1	0.1	0.2	0.1kpa~ 0.2kpa (无须配 备高压冲 洗装置)	24	5分钟/天	3.4	1.7
QLD131	0.1	0.37	0.47		24		3.4	1.7
QLD132	0.2	0.37	0.57		24		3.4	1.7
QLD201	0.2	0.2	0.4		32		3.4	1.7
QLD202	0.4	0.4	0.8		64		3.4	1.7
QLD301	0.4	0.4	0.8		40		11	3.4
QLD302	0.8	0.4	1.2		80		11	3.4
QLD303	1.2	0.75	1.95		120		11	3.4
QLD304	1.6	0.75	2.35		160		11	3.4
QLD352	1.5	0.75	2.25		144		11	3.4
QLD353	2.25	1.5	3.75		216		11	3.4

*备注：在实际运行过程中，污泥的种类、处理的方式、运行状况以及每天的运行时间，都会影响易损件的更换周期。(易损件更换周期以365天/年、8小时/天的运行时间来计算的。)
Note: In actual operation, the features of slurry, disposing approaches, running state and running time will affect the replacement cycle of the wearing parts.

流程图

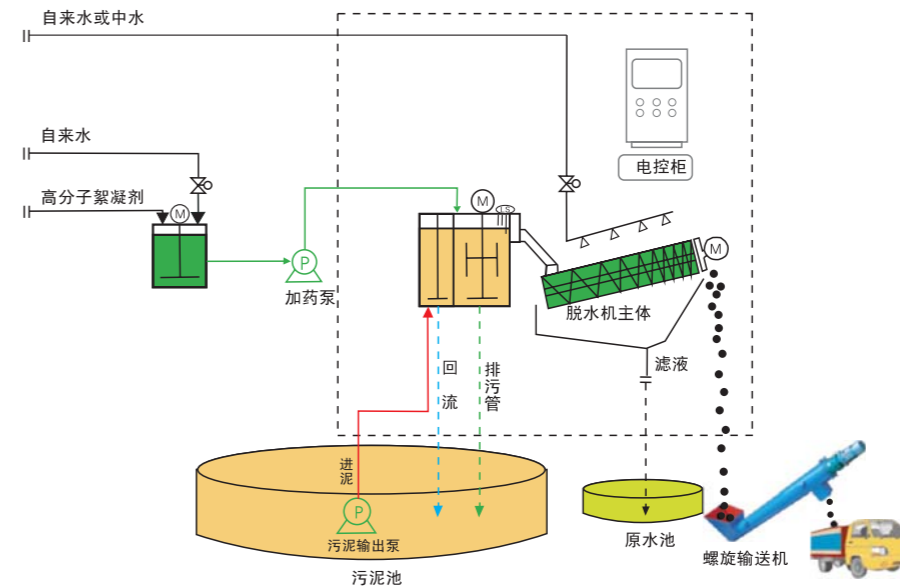


图1、污泥池内的污泥通过污泥输送泵，被输送至计量槽，通过调节计量槽内液位调整管调节进泥量，多余的污泥通过回流管回流到污泥池。

图2、污泥和絮凝剂在絮凝混合槽内，通过搅拌机进行充分混合形成矾花，理想的矾花的直径在5mm左右。

图3、矾花在浓缩部经过重力浓缩，大量的滤液从浓缩部的滤缝中排出。

图4、浓缩后的污泥沿着螺旋轴旋转的方向继续向前推进，在背压板形成的内压作用下充分脱水。

图5、脱水后的泥饼从背压板与螺旋主体形成的空隙排出。可以通过调节螺旋轴的转动速度和背压板的空隙来调节污泥处理量和泥饼的含水率。絮凝混合槽排污管只在清洗混合槽的时候才使用。

- 1.The sludge in the sludge sump is carried to the measuring tank by sludge pump. And the sludge inlet volume can be controlled by adjusting the liquid level tube.
- 2.Sludge and flocculant will form alum floc in the disposal tank after agitator mixing, the ideal diameter of alum floc is about 5mm.
- 3.After gravity thickening in the thickening part, large amount of filtrate will discharge from the gaps between rings.
- 4.The thickened sludge is carried forward by the screw and dehydrated sufficiently under the pressure of the back pressure plate.
- 5.The dehydrated mud cake is discharged from the gaps between back pressure plates and screw body. The treating capacity of sludge and water content's rate of mud cake can be controlled by adjusting the running speed of screw and gaps between back pressure plates.

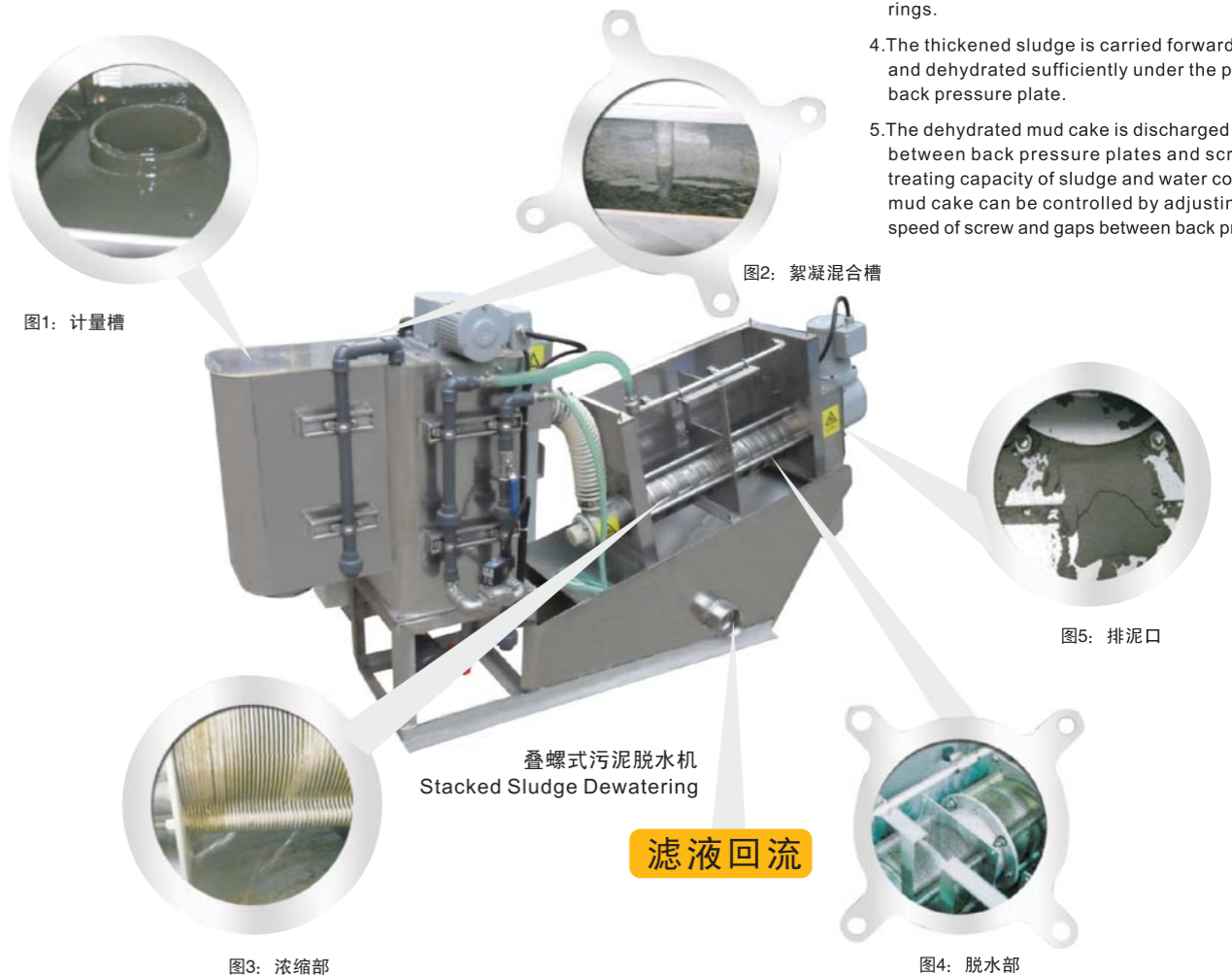


图1: 计量槽

图2: 絮凝混合槽

图5: 排泥口

叠螺式污泥脱水机
Stacked Sludge Dewatering

滤液回流

图3: 浓缩部

图4: 脱水部

转鼓浓缩/脱水一体机：QTA/QTAH系列 (小型污水处理厂)

Rotary Drum Thickening/Dehydrating Belt Presses: QTA/QTAH Series

特点:

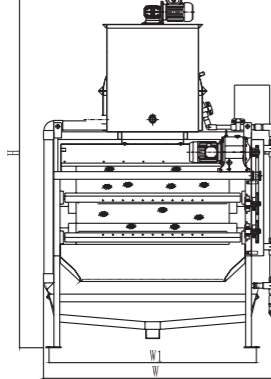
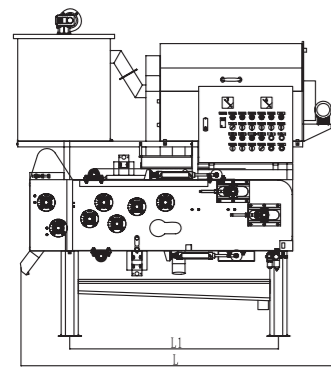
- 1、主体结构全部采用不锈钢材质。
- 2、采用欧美进口滤布，使用寿命长。
- 3、低耗能、低转速、低噪音，噪音值≤75dB (A)。
- 4、滤布偏移校正，采自气动调整，机械运转稳定性高。
- 5、多点串连式安全侦测与紧急停止装置，操作安全性高。
- 6、系统动作采用显而易见的人性化设计、操作方便、保养简单。

Features:

1. Material of the main structure.
2. Belt: imported from America and has a long service life.
3. Low power consumption, slow-speed of revolution and low noise, the level of noise is no more than 75dB (A).
4. Adjustment of belt: pneumatic regulated, ensures the stability of the machine.
5. Multi-point safety detection and emergency stop device: improve the safety of operation.
6. The design of the system is obviously humanized and provides convenience in operation and maintenance.

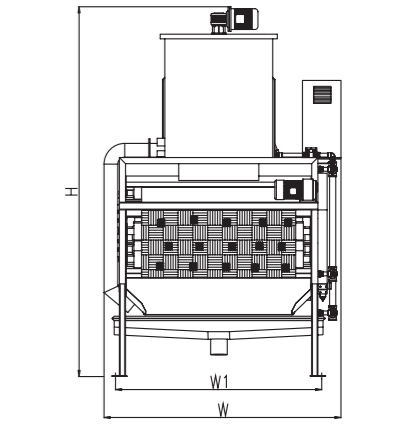
应用 (Application)

- 1、各种工业废水污泥脱水处理
Sludge dewatering of various industrial waste water
- 2、食品、化工、矿业等工业制程中固液分离
Sludge dewatering of butchery, husbandry
- 3、城市污水处理厂
Slurry and water separation in food & beverage industry, chemical industry, mining and other industries
- 4、屠宰、畜牧业污泥脱水处理
Sludge dewatering of city sewage, excretion, water purifying industries

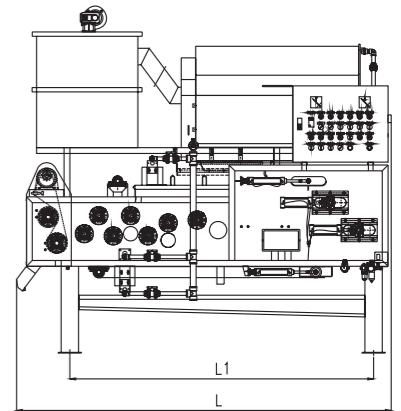


QTB 系列 (中、高浓度使用)

QTB Series (middle/high consistency)



剖面视为RC集水盘客户自理
RC Construction Filtrate Collecting Tray (offered by client)



性能规格配备及尺寸表 TECHNICAL DATA & EXTERNAL DIMENSIONS OF BELT PRESSES

规格尺寸 Spec.	型号 Model						备注 Remark	
	QTA - 500	QTA - 750	QTA - 1000	QTA - 1250	QTA - 1500	QTA - 2000		
滤带宽度 Belt Width(mm)	500	750	1000	1250	1500	2000		
处理量 Treating Capacity (m³/hr) 进入浓度 Inlet Consistency(s.s.1.5~2.5%)	2.0~3.3	3.0~5.0	4.0~7.0	5.5~9.5	9.5~15.5	13.5~22.5		
处理量 Treating Capacity (m³/hr) (QTAH系列) 进入浓度 Inlet Consistency(s.s.0.5~1.5%)			6.0-12.5	8.5-16	10.5-22	21.5-35	需视污泥种类而定 (depends on the slurry feature)	
绝干量 D.S. (kg/hr) Dried Sludge	30~50	45~75	63~105	83~143	143~233	203~338		
绝干量 D.S. (kg/hr) Dried Sludge (QTAH系列)			35-95	45-130	75-220	105-325		
泥饼含水率 Water Content's Rate (%)	75~85	75~85	75~85	75~85	75~85	75~85		
使用功率 Power Consumption (HP)	1/2	1/2	1/2	1/2	1	1		
滤带驱动电机 Driving Motor	1/4	1/4	1/4	1/2	1/2	3/4		
调理搅拌机 Disposal Agitator Motor	1/4	1/4	1/4	1/4	1/2	1/2		
转鼓浓缩机 Drum Thickener	1/4	1/4	1/4	1/4	1/2	1/2		
滤液下总排水盘 Lower Collecting Tray for Pressed Filtrate	有 Yes	有 Yes	有 Yes	有 Yes	有 Yes	无 None		
外观参考尺寸 External Dimensions (Reference)(mm)	L	2150	2300	2350	2350	2900	2900	订购前请索取实际安装尺寸图 Pls ask the actual Dimension before ordering.
	L (QTAH系列)			2700	2950	3400	3450	
	W	1050	1300	1550	1800	2130	2630	
	H	2350	2350	2350	2450	2500	2500	
H (QTAH系列)			2400	2450	2500	2500		
底座尺寸 Base Dimension L1XW1(mm)	1460x854	1460x1104	1460x1354	1460x1604	2110x1900	2110x2400		
参考重量 Reference Weight(kgs)	660	800	960	1220	1800	2200		
参考重量 Reference Weight(kgs) (QTAH系列)			1100	1350	2050	2480		

备注：以上规格本公司保留设计变更之权利。 Remark: Our company will reserve the modifying right of the above specifications.

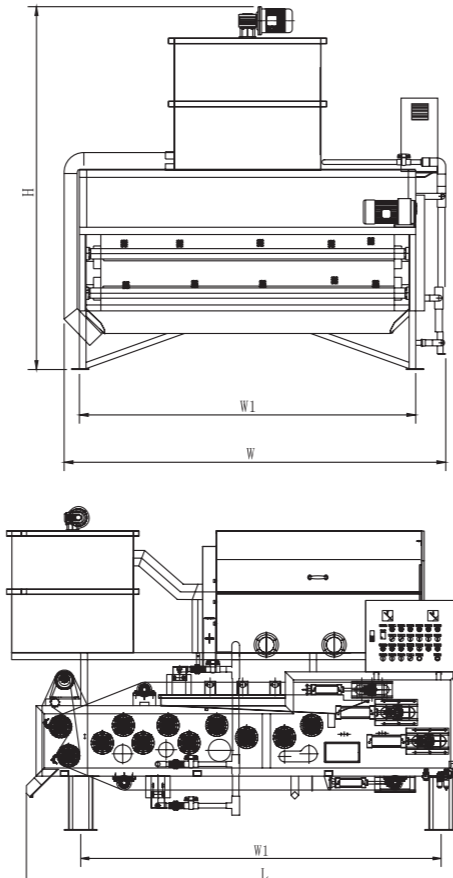
性能规格配件及尺寸表 TECHNICAL DATA & EXTERNAL DIMENSIONS OF BELT PRESSES

规格尺寸 Spec.	型号 Model	QTB-500	QTB-750	QTB-1000	QTB-1250	QTB-1500	QTB-1500L	QTB-1750	QTB-2000	备注 Remark
滤带宽度 Belt Width(mm)		500	750	1000	1250	1500	1500	1750	2000	
处理量 Treating Capacity (m³/hr) 进入浓度 Inlet Consistency(s.s.1.5~2.5%)		3.0~5.2	4.5~7.5	6.5~10.5	7.5~12.5	9.5~16	12~20.5	15~24.5	18~30	需视污泥种类而定 (depends on the slurry feature)
绝干量 D.S. (kg/hr) Dried Sludge		45~78	68~113	98~158	113~188	143~240	180~308	225~368	270~450	需视污泥种类而定 (depends on the slurry feature)
泥饼含水率 Water Content's Rate (%)		75~84.5	75~84.5	75~84.5	75~84.5	75~84.5	75~84.5	75~84.5	75~84.5	需视污泥种类而定 (depends on the slurry feature)
使用功率 Power Consumption (HP)	滤带驱动电机 Driving Motor	1/2	1/2	1/2	1/2	1/2	1	1	1	
	调理搅拌机 Disposal Agitator Motor	1/4	1/4	1/2	1/2	3/4	3/4	3/4	1	
	转鼓浓缩机 Drum Thickener	1/4	1/4	1/2	1/2	1/2	3/4	3/4	3/4	
滤液下总排水盘 Lower Collecting Tray for Pressed Filtrate		有 Yes	有 Yes	有 Yes	有 Yes	有 Yes	有 Yes	无 None	无 None	
外观参考尺寸 External Dimensions (Reference)(mm)	L	2600	2600	2600	2600	2700	3300	3300	3400	订购前请索取实际安装尺寸图 Pls ask the actual Dimension before ordering.
	W	1050	1300	1550	1800	2150	2150	2400	2650	
	H	2150	2350	2350	2350	2500	2500	2500	2600	
底座尺寸 Base Dimension L1XW1(mm)		2100x830	2100x1080	2100x1330	2100x1580	2100x1830	2450x1860	2580x2110	2580x2360	
参考重量 Reference Weight(kgs)		830	1000	1210	1450	1850	2200	2450	2850	

备注：以上规格本公司保留设计变更之权利。 Remark: Our company will reserve the modifying right of the above specifications.

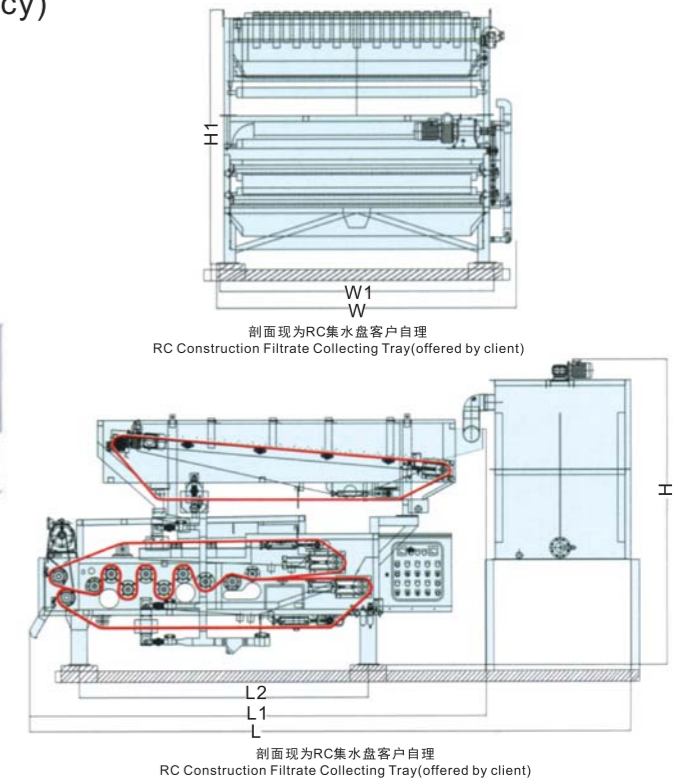
QTBH 系列 (低/中浓度使用)

QTBH Series(Suitable for low/middle consistency)



参滤带式 Triple Belt Presses QTE3系列 (低/中浓度使用)

QTE3 Series(Suitable for low/middle consistency)



性能规格配件及尺寸表 TECHNICAL DATA & EXTERNAL DIMENSIONS OF BELT PRESSES

规格尺寸 Spec.		型号 Model	QTBH - 1000	QTBH - 1250	QTBH - 1500	QTBH - 1500L	QTBH - 2000	备注 Remark
滤带宽度 Belt Width (mm)			1000	1250	1500	1500	2000	需视污泥种类而定 (depends on the slurry feature)
低浓度 Low Consistency	处理量 Treating Capacity (m ³ /hr)		13.5~17.5	17.5~22.5	21~27	27.5~35.5	37.5~49	需视污泥种类而定 (depends on the slurry feature)
	进入浓度 Inlet Consistency(s.s.0.4~0.8%)							
中浓度 Middle Consistency	绝干量 D.S (kg/hr) Dried Sludge		55~112	70~144	85~172	110~228	150~312	需视污泥种类而定 (depends on the slurry feature)
	处理量 Treating Capacity (m ³ /hr)		10.5~13.5	12.5~17.5	16~21	20.5~27.5	30~37.5	
泥饼含水率 Water Contents Rate (%)	进入浓度 Inlet Consistency(s.s.0.8~1.5%)							需视污泥种类而定 (depends on the slurry feature)
	绝干量 D.S. (kg/hr) Dried Sludge		84~158	100~188	128~240	164~308	240~450	
使用功率 Power Consumption (HP)	滤带驱动机 Driving Motor		1/2	1/2	1/2	1	1	需视污泥种类而定 (depends on the slurry feature)
	调理搅拌机 Disposal Agitator Motor		1/4	1/4	1/2	1/2	3/4	
	转鼓浓缩机 Drum Thickener		3/4	1	3/4x2	3/4x2	1x2	
滤液下总排水盘 Lower Collecting Tray for Pressed Filtrate			无None	无None	无None	无None	无None	
外观参考尺寸 External Dimensions (Reference)(mm)	L		2700	2800	2900	3500	3500	订购前请索取实际安装尺寸图 Pls ask the actual Dimension before ordering.
	W		1550	1800	2150	2150	2650	
	H		2500	2500	2500	2600	2700	
底座尺寸 Base Dimension L1XW1(mm)			2100x1330	2100x1580	2100x1830	2450x1900	2580x2400	
参考重量 Reference Weight(kgs)			1420	1680	2100	2550	3150	

性能规格配件及尺寸表 TECHNICAL DATA & EXTERNAL DIMENSIONS OF BELT PRESSES

规格尺寸 Spec.		型号 Model	QTE3-1000	QTE3-1250	QTE3-1500	QTE3-2000	QTE3-2500	QTE3-3000	备注 Remark
滤带宽度 Belt Width (mm)			1000	1250	1500	2000	2500	3000	
低浓度 Low Consistency	处理量 Treating Capacity (m ³ /hr)		19~25	26~38	38~50	55~80	80~100	95~125	需视污泥种类而定 (depends on the slurry feature)
	进入浓度 Inlet Consistency(s.s.0.4~0.8%)								
中浓度 Middle Consistency	绝干量 D.S (kg/hr) Dried Sludge		76~150	104~210	152~300	240~480	300~600	380~750	需视污泥种类而定 (depends on the slurry feature)
	处理量 Treating Capacity (m ³ /hr)		15.5~19	20.5~26	25.5~45	45~60	60~75	70~95	
泥饼含水率 Water Contents Rate (%)	进入浓度 Inlet Consistency(s.s.0.8~1.5%)								需视污泥种类而定 (depends on the slurry feature)
	绝干量 D.S. (kg/hr) Dried Sludge		124~233	164~308	244~458	400~750	512~960	640~1200	
使用功率 Power Consumption (HP)	滤带驱动机 (无段变速) Driving Motor(Speed Vairable)		1/2	1/2	1	2	3	3	需视污泥种类而定 (depends on the slurry feature)
	调理搅拌机 Disposal Agitator Motor		1/4	1/2	3/4	3/4	3/4	3/4	
	转鼓浓缩机 Drum Thickener		1/2	1/2	3/4	1	1	2	
滤液下总排水盘 Lower Collecting Tray for Pressed Filtrate			无None	无None	无None	无None	无None	无None	
外观参考尺寸 External Dimensions (Reference)(mm)	L		4900	4950	5800	7000	7200	7200	
	W		1600	1850	2150	2650	3150	3650	
	H		3000	3000	3250	3400	3450	3550	
底座尺寸 Base Dimension L1XH1(mm)			3900x2830	3900x2420	4900x2420	5800x2600	5900x2600	5900x2600	
底座尺寸 Base Dimension L2XW1(mm)			2580x1420	2580x1670	3350x1920	4065x2440	4065x2940	4065x3440	
参考重量 Reference Weight(kgs)			1750	2050	2800	4300	4700	5600	

备注: 以上规格本公司保留设计变更之权利。 Remark: Our company will reserve the modifying right of the above specifications.

污泥脱水实例 Sludge Dewatering Examples



市政污水
Municipal Sewage Treatment Plant

食品厂
Food Factory

化工厂
Chemical Plant

酒厂
Winery



乳品厂
Dairy Plant

制药厂
Pharmaceutical Factory

屠宰厂
Slaughtering Plant

新领域
New Field

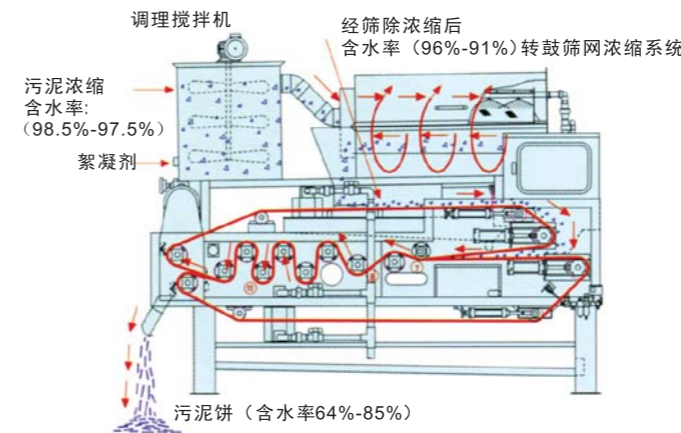
用途 Usage:

- 各种工业废水污泥脱水处理
- 屠宰、畜牧业污泥脱水处理
- 都市下水道、水肥、净水厂污泥脱水处理
- 食品、化工、矿业、各种工业制程中固/液分离脱水处理

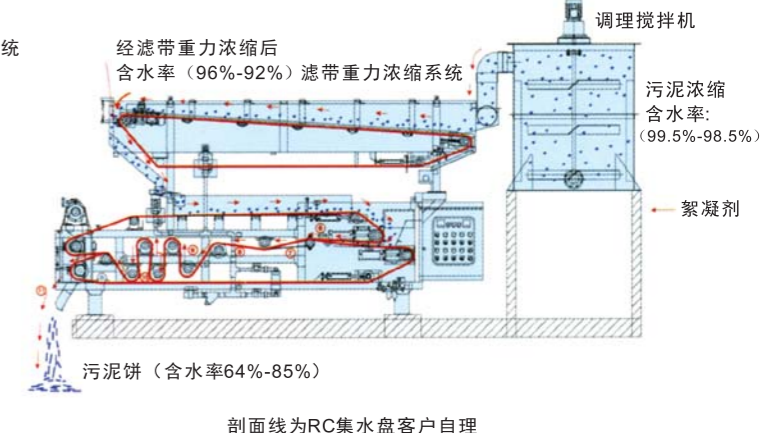
The Sludge Dewatering Of The various Industrial Waste Water Treatment Plants.
The Sludge Dewatering Of The Butchery, Livestock...etc. Factories.
The Sludge Dewatering Of The City Sewer, Excretion, Water Purifying...etc. Sewage Treatment Plants.
Solid And Liquid Separation Under Processing For The Food & Beverage, Chemical Industry, Mine...etc Factories.

处理流程示意说明 Treatment Flowchart

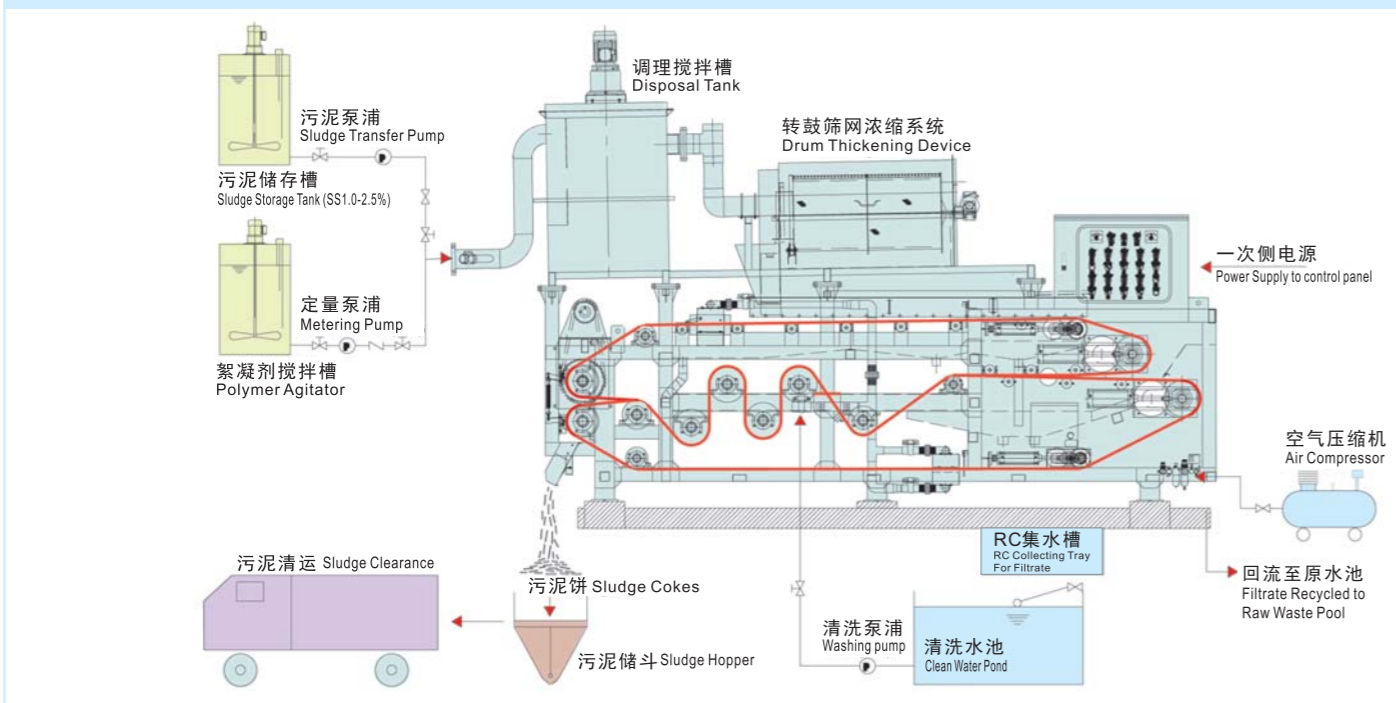
A、二段式转鼓浓缩/脱水一体机
Two Stage Type Rotary Drum Thickening/Dehydrating Belt Presses



B、二段式滤带浓缩/脱水一体机 (参滤带式)
Two Stage Type Gravity Belt Thickening/Dehydrating Belt Presses(Triple-Belt Presses)



污泥脱水机周边附属设备参考配置图 Sludge Dewatering Allocation Schema For Peripheral Equipment



主要污泥处理参考数据表 The Reference Treating Deta Sheet of the Major Waste Slurry

产业类别 Sort of Sewage	污泥种类 Type of Slurry	污泥进流浓度 Slurry Inlet Consistency(s.s.%)	絮凝剂消耗量 Polymer Powder Consumption(kg/Ton D.S.)	泥饼含水率 Water Content's Rate of Sludge cake(%)
造纸废水Paper & Pulp Sewage	化学凝集Chemical Slurry	2.0~5.0	2.0~4.0	64~78
	活性污泥Activate Slurry	1.5~3.0	3.0~5.0	75~84
印染废水Printing/Dyeing Sewage	化学凝集Chemical Slurry	1.5~2.5	3.0~5.0	76~84
	活性污泥Activate Slurry	1.0~2.0	4.0~6.0	80~85
皮革废水Leather & Tannery Sewage	化学凝集Chemical Slurry	2.5~4.5	3.0~5.0	74~83
	活性污泥Activate Slurry	1.5~2.5	4.0~6.0	78~85
电镀废水Electro-Plating Sewage	化学凝集Chemical Slurry	1.5~2.5	3.0~5.0	72~84
金属加工废水Metal-Processing Sewage	化学凝集Chemical Slurry	2.0~4.0	3.0~5.0	66~84
石材矿业废水Stone & Mine Sewage	化学凝集Chemical Slurry	5.0~10	3.0~5.0	45~75
食品废水Food & Beverage Sewage	活性污泥Activate Slurry	0.8~1.5	4.0~6.0	78~85
畜牧养殖废水Livestock Sewage	厌氧消化Anaerobic Fermentation	3.0~6.0	5.0~8.0	75~83
屠宰废水Butchery Sewage	综合、剩余Admixture.Surplus Slurry	1.0~3.0	4.0~6.0	75~85
城市废水City Mixed Raw Sewage	剩余污泥Surplus Slurry	0.8~1.5	4.0~6.0	78~85
	混合污泥Admixture Slurry	1.5~2.5	3.0~5.0	72~85
水肥废水Excretion Sewage	消化、剩余Digestion.Surplus Slurry	1.0~3.0	4.0~6.0	74~85
净水厂废水Water Purifying Sewage	化学凝集Chemical Slurry	1.5~4.5	3.0~5.0	64~82

▲ 化工/电子业废水因参数变化较大请另洽谈。Chemic - Industrial/Electric Sewage had the Multiple factors or parameters, pls contact us directly.
▲ 以上数据来自我方产品QTB-1500型 (仅供参考)。The above data are from our Belt Press QTB-1500 as tested(For reference only).
▲ 以上数据会因污泥成份不同而有所改变。The above data could vary as per differences of sludge contents.

QLDN 系列叠螺式污泥浓缩机

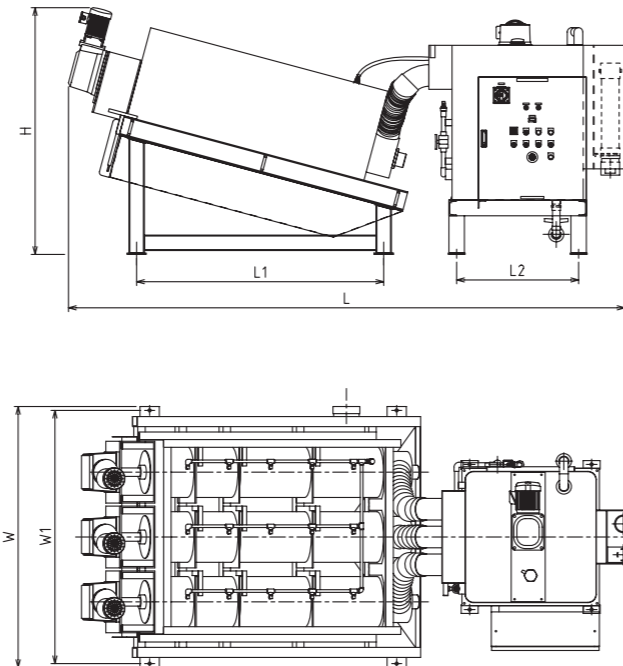
QLDN Series Screw Sludge Thickener

在叠螺式污泥脱水机的基础上，我公司推出了一种新型污泥机械浓缩设备—叠螺式污泥浓缩机。

On the basis of Screw Sludge Dewatering Machine, we research and develop a new sludge thickening equipment, that is Screw Sludge Thickener.

浓缩机的优势 The advantage of Screw Sludge Thickener:

- 减少基建投资和占地
Save the construction investment and land occupation
- 减少后续处理的负担
Reduce the load of subsequent processing
- 减少臭气和磷的排放
Decrease the release of fetor and phosphor
- 提高污泥脱水或深度脱水设备的产能
Improve the capacity of sludge dewatering machine or deep dewatering equipment



性能规格配备及尺寸表 TECHNICAL DATA & EXTERNAL DIMENSIONS

机型 Type	绝干污泥处理量 Dried sludge treating capacity (kg-DS/hr)	尺寸(mm) Dimension			重量(kg) Weight		电机功率(kw) Motor Power
		长(L)	宽(W)	高(H)	净重 Net	运行 Operating	总计 Total
QLDN-201	15~30	2520	790	1450	370	750	0.50
QLDN-202	30~60	2570	1120	1450	550	900	0.90
QLDN-203	45~90	2610	1250	1450	780	1300	1.20
QLDN-301	50~100	3250	1090	1780	900	1300	1.00
QLDN-302	100~200	3550	1430	1750	1300	2300	1.50
QLDN-303	150~300	3750	1700	1725	1820	3000	2.30
QLDN-352	200~450	4300	1600	2260	2450	3400	2.25
QLDN-353	300~600	4500	2200	2260	3360	4850	3.0

* 污泥处理量=DS标准处理量/污泥浓度 (DS指绝干污泥)

* 本表数据仅对市政污泥，对于其它类型污泥的处理能力应视情况而定

转鼓式污泥浓缩机

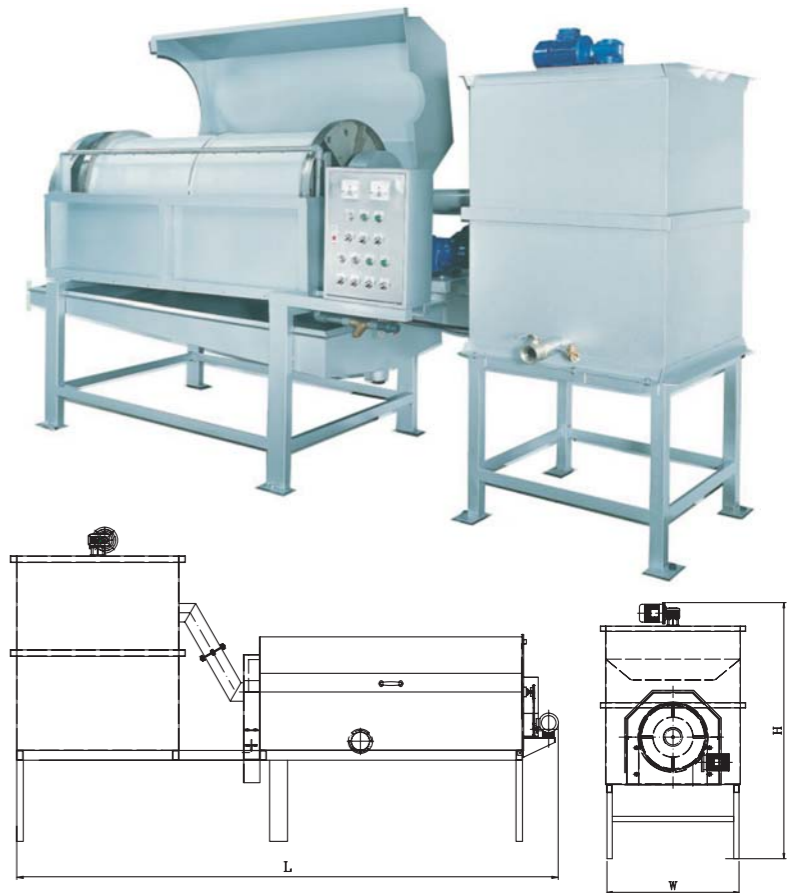
Rotary Drum Type Thickening System

污泥调理胶羽后，大量的表面自由水，经筛除分离后，S.S浓度可提高至4~9%，达到浓缩及减量功能。

The free water separated from the Sludge (which mixed and flocced with Polymer Solution), Suspended Solid Consistency will be adjusted up to 4~9% and reach the function of sludge thickening and Reduction.

经转鼓筛除后的泥团结构稳定，无漫流侧溢情形，可确保降低滤带透水负荷，并提高处理量及降低泥饼含水率。

The Stable Structure Sludge after Rotary Drum Thickening will be without Side-leakage, increase the permeability of Filter-Cloth, the Treating Quantity and increase the water content's rate of Sludge cake.



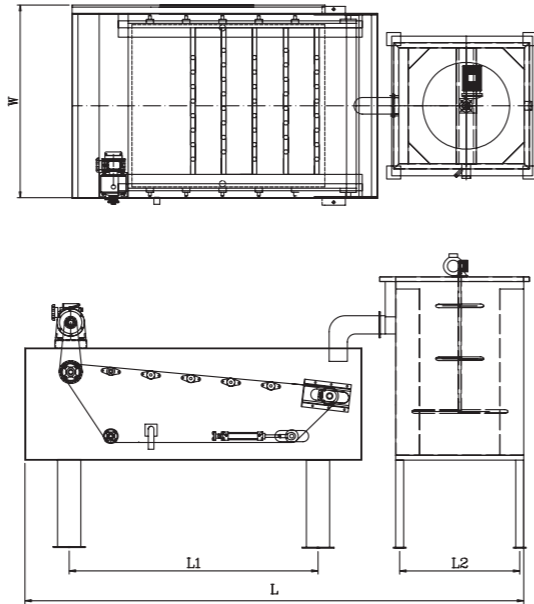
性能规格配备及尺寸表 TECHNICAL DATA & EXTERNAL DIMENSIONS

规格尺寸SPEC.		型号Model	QTN-350	QTN-500	QTN-600	QTN-500-2	QTN-600-2
机体材质 Machine Frame Material	标准Standard	不锈钢 (SUS304)					
	特殊选配Option	碳钢 (SS400/SS41)、不锈钢 (SUS316)、其他特殊材料 (OTHER SPECIAL MATERIALS)					
筛网规格 (目/#) Filter Opening(Mesh)			30-80	30-80	30-80	30-80	30-80
处理量 Treating Capacity (m ³ /hr) 进入浓度 Inlet Consistency(s.s.1.5~2.5%)			3-7	5-10	8-20	18-30	25-40
绝干量 D.S. (kg/hr) Dried Sludge			63-105	80-158	140-300	270-450	300-600
污泥出流浓度 (%) Sludge Outlet Consistency			3.5-11	3.5-11	3.5-11	3.5-11	3.5-11
使用功率 Power Consumption(kw)	标准配备 Standard Accessories	转鼓驱动机 (无段变速) Drum Driving Motor(Speed Variable)	1/2	1/2	3/4	1/2x2	3/4x2
		调理搅拌机 Disposal Agitator Motor	1/2	1/2	3/4	1	1
	选择配备 Option Accessories	清洗泵浦 Washing Pump	1	1	1	2	2
滤液下总排水盘 Lower Collecting Tray For Pressed Filtrate			无None	无None	无None	无None	
外观参考尺寸 External Dimensions(mm) (Reference)		L	1800	2400	2800	3700	4200
		W	700	900	1200	1300	1600
		H	1400	1500	1600	1600	1800
参考重量Reference Weight (kg)			260	350	450	600	800

备注：以上规格本公司保留设计变更之权利。 Remark:Our company will reserve the modifying right of the above specifications.

滤带式浓缩机

Belt Filter Type Thickeners



本图片仅供参考用, 以实际交机为准。

The above Picture(Color and Accessories) for reference only,the actual Product depends on mutual ordering.

性能规格配备及尺寸表 TECHNICAL DATA & EXTERNAL DIMENSIONS

规格尺寸SPEC.		型号Model	QTBN-1000	QTBN-1500	QTBN-2000	QTBN-2500	备注Remark
机体材质 Machine Frame Material	标准Standard		不锈钢 (SUS304)				
	特殊选配Option		碳钢 (SS400/SS41)、不锈钢 (SUS316)、其他特殊材料 (OTHER SPECIAL MATERIALS)				
滤带宽度 Belt Width(mm)			1000	1500	2000	2500	
处理量 Treating Capacity (m³/hr) 进入浓度 Inlet Consistency(s.s. 1.5~2.5%)			10-15	15-25	20-35	30-50	需视污泥种类而定 (depends on the slurry feature)
绝干量 D.S. (kg/hr) Dried Sludge			150-230	200-375	300-500	400-600	
污泥出流浓度 (%) Sludge Outlet Consistency			4.0-12	4.0-12	4.0-12	4.0-12	需视污泥种类而定 (depends on the slurry feature)
使用功率 Power Consumption (Optional)	标准配备 Standard Accessories	转鼓驱动机 (无段变速) Drum Driving Motor(Speed Variable)	¾	¾	1½	1½	
	选择配备 Option Accessories	清洗泵浦 Washing Pump	2	2	2	3	搭配静态搅拌管 (collocate with static mixer)
滤液下总排水盘 Lower Collecting Tray For Pressed Filtrate			无None	无None	无None	无None	
外观参考尺寸 External Dimensions(mm) (Reference)	L1		1600	2600	3200	4000	订购前请索取 实际安装尺寸图 Pls Ask For The Actual Dimension Before Ordering
	L2		800	1000	1200	1500	
	L		3000	3200	4600	6500	
	W		1500	2100	2550	3100	
	H		1400	1700	1900	2200	
参考重量Reference Weight(kgs)			690	8900	1250	1750	

备注: 以上规格本公司保留设计变更之权利。 Remark: Our company will reserve the modifying right of the above specifications.

用途: 各种产业污泥减量预浓缩处理。纸浆、纤维、化工、食品、塑料、冶金、矿业等工业制程中固、液分离。

USAGES: For the various industrial waste slurry pre-thickening treatment. For the solid and liquid separation of the industrial processing treatment of the paper & pulp, fiber, chemical, food, plastic, metallurgy, mining...etc, industries.

干化学品 (石灰等) 储存/投加系统

Dry Chemical(lime, etc.) Storage and Dosing System

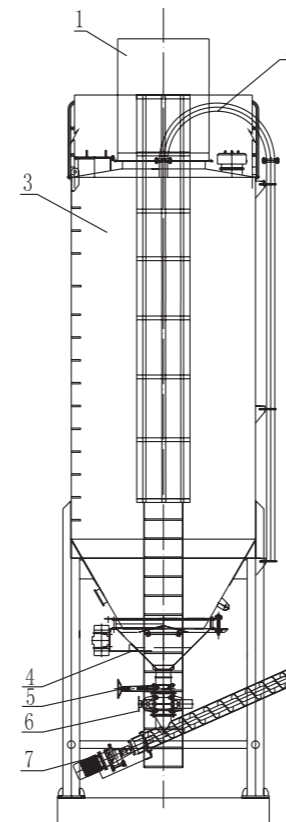


特点:

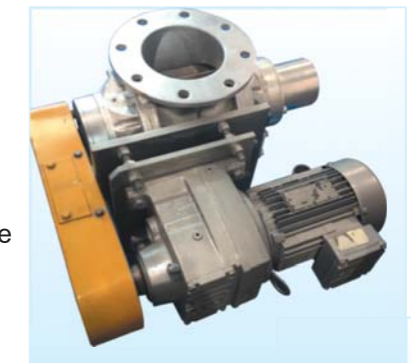
- 适用于大量使用干粉化学品的场合
- 由粉料运输车直接气力输送上料, 无粉尘土飞扬
- 储存量: 10~100m³
- 投加量: 50~2000L/h干粉
- 标配: 仓底活化防起拱装置
- 标配: 粉体卸料和输送装置
- 标配: 仓顶除尘器
- 标准材质: 碳钢环氧防腐
- 可选: 进水控制组件、溶药槽和搅拌机

Features:

- Adaptable for industry applications for large quantity of dry chemical (such as lime)
- Pneumatic transported to lift the chemical by chemical conveyor against free dust
- Silo volume: 10~100m³
- Dosing quantity: 50~2000L/h dry power
- Equipped bin bottom activation device
- Equipped powder metering and transporting device
- Equipped bag filter
- Material of construction: carbon steel epoxy Painted (stainless steel is as option)
- Option: inlet water control unit, lime dissolving tank and mixed, etc.



- 1、顶部除尘器 Filter
- 2、进料管 Material inlet
- 3、筒仓 Silo
- 4、振动料斗 Vibrating hopper
- 5、插板阀 Slide valve
- 6、星型卸料器 Discharge Valve
- 7、输送螺旋 Screw



高分子全自动泡药机 (干粉投加装置)

Macromolecule Automatic Dissolver (Powder feeding system)



特点:

- 全自动运行, 节省人工
- 药剂投加量精确可调, 保证处理效果, 避免浪费
- 不锈钢/PP壳体、质量可靠, 抗腐蚀性能良好
- 保养简易, 外观精美
- 强大的技术支持, 可按用户要求设计流程

Features:

- Automatically Operate
- The amount of the powder feeding is exactitude
- SUS304/PP crust, all imported parts
- Easy to maintain
- All message is output by touch



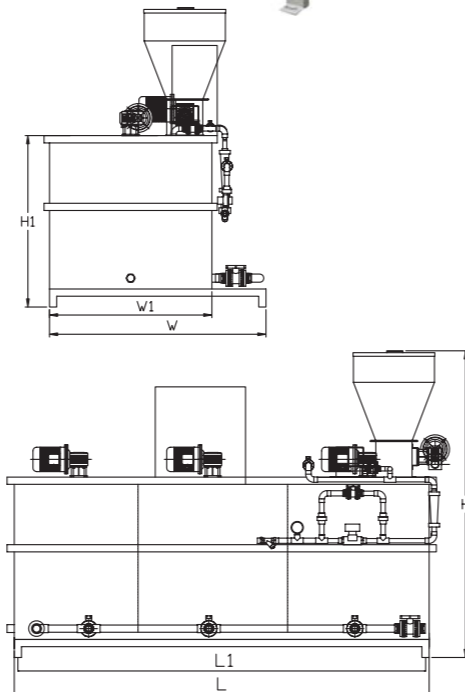
应用:

- 城市污水助凝
- 工业废水助凝
- 污泥处理和沉淀

Application:

- Aid condensation of city sewage
- Aid condensation of industry sewage
- Disposal and deposit of sludge

机 型 Model	药液 泡制量 Chemical Solution Production Capacity (L/hr)	药粉 供料槽 容量 Powder Feeding Hopper Volume (L)	药粉 输送机 (变速) Powder Metering Feeder Speed Variable (HP)	药液 搅拌机 Chemical Solution Agitator (HP)	机械尺寸 (mm) Machine Dimensions(mm)						重 量 Machine Weight (Kg)
					长(L)	宽(W)	高(H)	L1	W1	H1	
QPL3-500	500	42	1/4	1/4x2	1700	1000	1500	1650	700	800	320
QPL3-1000	1000	42	1/4	1/4x3	2000	1150	1650	1950	850	900	410
QPL3-1500	1500	42	1/4	1/2x3	2300	1200	1700	2250	900	1000	490
QPL3-2000	2000	85	1/4	1/2x3	2438	1300	1850	2388	1000	1030	550
QPL3-3000	3000	110	1/4	1x3	3150	1350	2000	3100	1050	1100	680
QPL3-5000	5000	200	1/4	2x3	3300	1500	2200	3250	1200	1200	960
QPL3-8000	8000	320	1/4	2x3	4750	1650	2600	4700	1350	1500	1280



PAC 粉体自动溶药机 (干粉投加装置)

PAC Automatic Dissolver (Powder feeding system)

特点:

- PP壳体、质量可靠, 抗腐蚀性能良好
- 药剂投加量精确可调, 保证处理效果, 避免浪费
- 全自动运行, 节省人工
- 保养简易, 外观精美
- 强大的技术支持, 可按用户要求设计流程

Features:

- PP crust, all imported parts
- The amount of the powder feeding is exactitude
- Automatically Operate
- Easy to maintain
- All message is output by touch

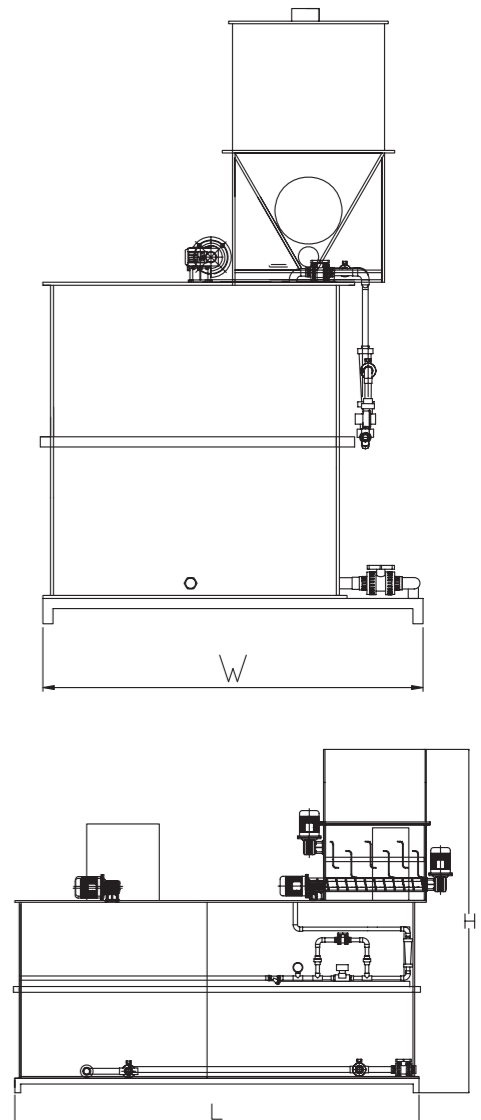
应用:

- 城市污水助凝
- 工业废水助凝
- 污泥处理和沉淀

Application:

- Aid condensation of city sewage
- Aid condensation of industry sewage
- Disposal and deposit of sludge

机 型 Model	药液 泡制量 Chemical Solution Production Capacity (L/hr)	药粉 供料槽 容量 Powder Feeding Hopper Volume (L)	药粉 输送机 (变速) Powder Metering Feeder Speed Variable (HP)	药液 搅拌机 Chemical Solution Agitator (HP)	机械尺寸 (mm) Machine Dimensions(mm)			重 量 Machine Weight (Kg)
					长(L)	宽(W)	高(H)	
QPL2-1000	1000	70	1/2	1/2x2	2000	1150	1800	410
QPL2-2000	2000	120	3/4	1/2x2	2000	1450	2000	550
QPL2-3000	3000	300	3/4	3/4x2	3000	1500	2400	680
QPL2-5000	5000	300	3/4	1x2	4000	1500	2500	960
QPL2-8000	8000	500	1	2x2	5000	1500	2700	1280



加药装置

Automatic dosing device

应用领域:

- 1、应用在火力发电行业炉水处理系统、循环冷却系统、中央空调循环水系统、原水预处理和废水处理系统；
- 2、应用在石油、化工行业炉水处理系统、化学添加剂投加系统、医疗、电子等行业的废水处理消毒系统；
- 3、应用在市政给水、游泳池、水厂、污水处理、建筑生活水的消毒；
- 4、应用在工业循环水、工业废水处理的酸碱自动中和、絮凝沉淀等。
- 5、应用在造纸，纺织行业的染色自动比例投加。

Application:

1. Cooling water treatment in thermal power generation, circulating cooling system, circulating water system of central air-conditioning, pretreatment of raw water, waste water treatment.
2. Cooling water treatment in petrochemical industry, chemical additive dosing system, waste water treatment and sterilizing system in medical and electron industry.
3. Sterilization in municipal water supply, swimming pool, water plant and construction waste water.
4. Acid-base neutralization and flocculant precipitation in industrial circulating water treatment.
5. Used in paper making, textile dyeing automatic proportion of dosing system



污水厂加药装置
The sewage plant dosing device



PAM自动溶解投加装置
PAM automatically dissolved dosing device



化学药剂溶解投加装置
Chemicals dissolved dosing device



染料比例投加系统
Dye ratio dosing system

QILEE 系列搅拌机

Qilee Series mixer

100~200型可搬式搅拌机 Movable chemical mixer



- 中低速用，摆线齿轮减速式马达，输出功率0.1KW-1.5KW
Suitable for medium-low speed agitation Cycloid geared speed reduction motor, output power is 0.1KW-1.5KW
- 对于粘度液体能较大幅度地选择减速比
Great range of reduction ratio for viscosity liquid
- 是最流行、最高效的超小型搅拌机
The most popular and effective mini-agitator

型号 Model	电机功率 Power KW	轴长 Length of Shaft mm	轴直径 Axial Diameter mm	浆叶直径 Diameter of Blade mm	稀薄液 Rarefied Liquid L	中粘度 Medium Viscosity L
QL1001	0.1	800	19	200	600	200
QL1002	0.2	1000	22	300	1200	400
QL2001	0.4	1200	22	300	2500	600
QL2002	0.75	1350	28	350	5000	1300
QL2003	1.5	1500	28	400	10000	3000

900型立式搅拌机 900 Vertical mixer



- 马达输出功率0.1KW-2.2KW，功率强，效率高
The motor output power 0.1-2.2 power strong, high efficiency

型号 Model	电机功率 Power KW	轴长 Length of Shaft mm	轴直径 Axial Diameter mm	浆叶直径 Diameter of Blade mm	稀薄液 Rarefied Liquid L	中粘度 Medium Viscosity L
QL9001	0.1	600	16	100	600	200
QL9002	0.2	800	19	120	1200	400
QL9003	0.4	1000	22	130	2500	600
QL9004	0.75	1200	28	150	5000	1300
QL9005	1.5	1200	32	170	10000	3000
QL9006	2.2	1400	40	180	15000	5000

小型加药装置 Small dosing device



- 溶药箱，计量泵，搅拌机组成的小型加药装置具备移动灵活，耐震耐冲击，抗腐蚀，使用寿命持久等优点，可以广泛配套使用在各类水处理工程，效果极佳。
Soluble medicine chest, mixer, dosing pump with mobile and flexible, corrosion resistance, long life and other advantages, and can be widely used in all types of water treatment engineering.

型号 Model	容积 Volume	计量泵流量 (L/Hr) Metering pump flow range	搅拌机功率 (KW) Agitation Power
QL-100	100	0-12L/Hr	0.18
QL-200	200	0-30L/ Hr	0.18
QL-300	300	0-60L/Hr	0.18
QL-500	500	0-60L/Hr	0.37
QL-1000	1000	0-100L/Hr	0.37
QL-2000	2000	0-260L/Hr	0.75

QLJ系列搅拌机0.37~2.2KW选型表

■ 适用于给水和排水工程中的混合池、反应池与各种药剂的混合及反应过程的搅拌。

Application: The mixing tank is suitable for water supply and drainage engineering, mixing dissolution reaction tank and various chemicals.

型号 Model	功率 Power	速比 Reduction ratio	转速 Rotate speed	轴长 Shaft length	轴径 Shaft diameter	桨叶直径 Blade diameter	最大搅拌量(稀--浓) Maximum volume
QLJ 12-37-11	0.37	11	127	1500	25	300	2500-1200
QLJ 12-37-17		17	82			350	
QLJ 12-37-23		23	60			400	
QLJ 12-37-29		29	48			600	
QLJ 12-37-35		35	40			700	
QLJ 12-37-43		43	32			800	
QLJ 12-37-59	59	23	900				
QLJ 20-55-11	0.55	11	134	1500	25	350	3500-1800
QLJ 20-55-17		17	88			400	
QLJ 20-55-23		23	65			450	
QLJ 20-55-29		29	51			550	
QLJ 20-55-35		35	43			650	
QLJ 20-55-43		43	35			750	
QLJ 30-55-59	59	25	900				
QLJ 30-75-11	0.75	11	134	1500	30	350	5000-2500
QLJ 30-75-17		17	88			400	
QLJ 30-75-23		23	65			550	
QLJ30-75-29		29	51			700	
QLJ 30-75-35		35	43			800	
QLJ 30-75-43		43	35			900	
QLJ 30-75-59	59	25	1000				
QLJ 30-150-11	1.5	11	134	2000	35	450	10000-5000
QLJ 30-150-17		17	88			500	
QLJ 30-150-23		23	65			600	
QLJ 40-150-29		29	51			800	
QLJ 40-150-35		35	43			900	
QLJ 40-150-43		43	35			1000	
QLJ 50-150-59	59	25	1200				
QLJ 50-150-71	71	21	1400				
QLJ 50-150-87	87	17	1600				
QLJ 40-220-11	2.2	11	134	2000	40	500	15000-7500
QLJ40-220-17		17	88			650	
QLJ 40-220-23		23	65			750	
QLJ 40-220-29		29	51			950	
QLJ 40-220-35		35	43			1000	
QLJ 40-220-43		43	35			1100	
QLJ 50-220-59	59	25	1350				
QLJ 50-220-71	71	21	1500				
QLJ 50-220-87	87	17	1700				



QLJ系列搅拌机3.7~11KW选型表

特点 Features:

- 运转平稳，搅拌均匀。
Smooth and steady rotation, even stirring
- 桨叶及轴均采用不锈钢材质。
Blades and axis are made of stainless steel
- 配套液下支座后，可适用于大水量、大水深的液体搅拌。
Can be used in great volume and great depth liquid agitation after matched with underwater support seat

型号 Model	功率 Power	速比 Reduction ratio	转速 Rotate speed	轴长(mm) Shaft length	轴径(mm) Shaft diameter	桨叶直径 Blade diameter	最大搅拌量(稀--浓) Maximum volume
QLJ 40-400-11	3.7	11	134	2200	45	600	25000-12000
QLJ 40-400-17		17	88			800	
QLJ 50-400-23		23	65			900	
QLJ 50-400-29		29	51			1000	
QLJ 50-400-35		35	43			1200	
QLJ 60-400-43		43	35			1300	
QLJ 60-400-59	59	25	1500				
QLJ 60-400-71	71	21	1700				
QLJ 70-400-87	87	17	2000				
QLJ 60-400-187	3.7	187	7.8	4000	60	2000	25000-12000
QLJ 60-400-121		121	12.5			2000	
QLJ 50-550-11	5.5	11	134	2500	60	650	35000-18000
QLJ 50-550-17		17	88			850	
QLJ 50-550-23		23	65			900	
QLJ 50-550-29		29	51			1100	
QLJ 60-550-35		35	43			1300	
QLJ 60-550-43		43	35			1400	
QLJ 60-550-59	59	25	1700				
QLJ 70-550-71	71	21	2000				
QLJ 50-750-11	7.5	11	134	3000	70	700	50000-25000
QLJ 50-750-17		17	88			900	
QLJ 60-750-23		23	65			1100	
QLJ 60-750-29		29	51			1200	
QLJ 60-750-35		35	43			1400	
QLJ 70-750-43		43	35			1500	
QLJ 70-750-59	59	25	1850				
QLJ 80-750-71	71	21	2100				
QLJ 80-750-87	87	17	2400				
QLJ 60-1100-11	11	11	134	4000	80	750	75000-35000
QLJ 60-1100-17		17	88			1000	
QLJ 60-1100-23		23	65			1200	
QLJ 60-1100-29		29	51			1300	
QLJ 70-1100-35		35	43			1500	
QLJ 80-1100-43		43	35			1600	
QLJ 80-1100-59	59	25	1950				
QLJ 90-1100-71	71	21	2200				
QLJ 90-1100-87	87	17	2500				

污泥高效深度脱水装置 Integrated Sludge Deep Dewatering System



技术介绍

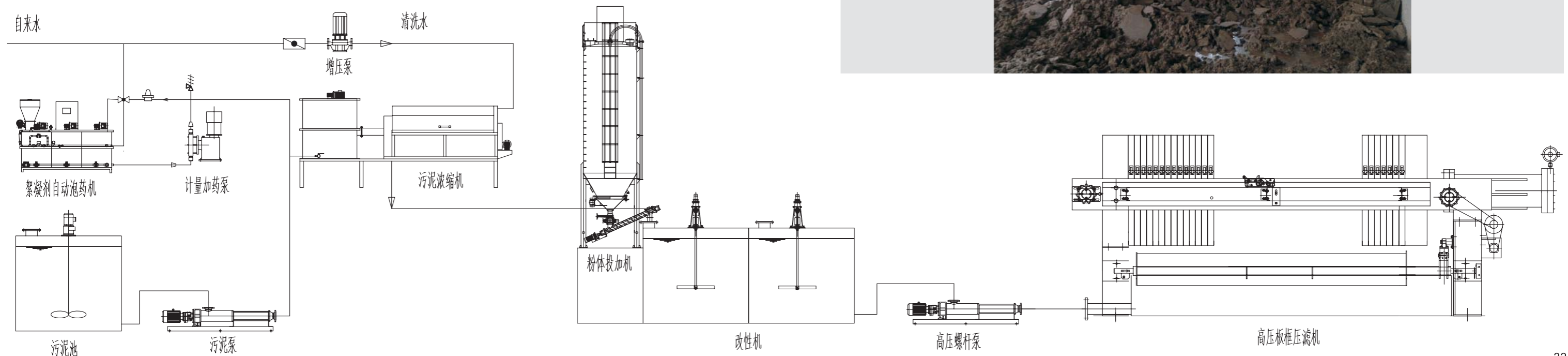
污泥高效一体化深度脱水技术采用化学和物理的综合方法对污泥进行改性，加入纳米级的无机药剂，使胶粘状的污泥颗粒高速打散成为晶体颗粒状，使污泥表面的吸附水和毛细孔道中的束缚水成为自由水，再采用1.0~5.0MPa高压钢制特种压滤机间隔、递增式施压工艺，使脱水后污泥的含水率可达到60%以下。

一体化深度脱水技术将含水率从90%左右污泥脱水至60%以下，也可将含水率97%左右的浓缩污泥直接脱水至60%以下，脱水后的泥饼再经24小时（夏季及晴好天气）~72小时（冬季及阴雨天气）自然堆放风干，含水率可降低至20%左右。

脱水后的污泥热值在800~1200kcal以上，可送至燃煤电厂或垃圾电厂与燃煤或生活垃圾混合焚烧发电，（一般焚烧4~5吨泥饼可节省1吨标准煤），也可作为垃圾填埋场的覆盖土等其他资源化综合利用，彻底解决污泥的二次污染等问题。

污泥高效一体化深度脱水技术使污泥形成晶体结构后，改变了污泥的显微结构，使泥质具有呼吸性，污泥的降解由厌氧过程转变为好氧过程，污泥中的臭气源如硫化氢、硫醇类物质与改性剂反应，大大减轻了臭气的产生；污泥中的病菌、寄生虫卵、病毒等也因污泥呼吸性、PH值及泥质结构的改变和无机质的包覆而失活。

含水99%原污泥经深度脱水后重量比原污泥减少了70%以上，体积减少了60%左右。



Technology introduction

The technology of integrated sludge deep dewatering combines chemical and physical methods to modify the sludge character. In this processing, nanograde inorganic reagents is used to break adhesive sludge particles into crystal particles quickly, making the absorbed water on the surface of sludge particles and the inner bound water to be free water. The moisture content rate of sludge cake will be 60% or less after pressed under a high pressure of 1.0 to 5.0 MPa by a special stainless steel filter press gradually.

This kind of technology can reduce the moisture content rate from 90% to 60% or less, even can reduce the water content rate of thickening sludge from 97% to 60% directly. The moisture content rate of sludge cake can be even reduced to 20% after natural air drying for 24 hours(in summer or good weather) to 72 hours(in winter or wet weather).

The calorific value of the sludge cake is over 800~1200kcal after dehydration. It can be transported to power plants or garbage incineration power plant to generate electricity by burning with coal or household garbage (usually burning 4~5 tons of mud cake can save 1 ton of standard coal). It can also be used for landfill cover soil, then solve sludge secondary pollution thoroughly.

The sludge deep dewatering transfers the sludge to crystal structure and changes its microstructure, making the mud respiratory. Degradation of sludge changes from anaerobic process into aerobic process. The generation of odor is greatly reduced after the reaction of modifier with the odor source in sludge, such as hydrogen sulfide, mercaptans and other substances. Bacteria, parasite eggs and viruses in sludge died because of sludge respiratory, PH value, change of mud structures the coating of inorganic substance.

99% sludge dewatering water by weight than the original sludge decreased more than 70%, the volume is reduced by 60%.

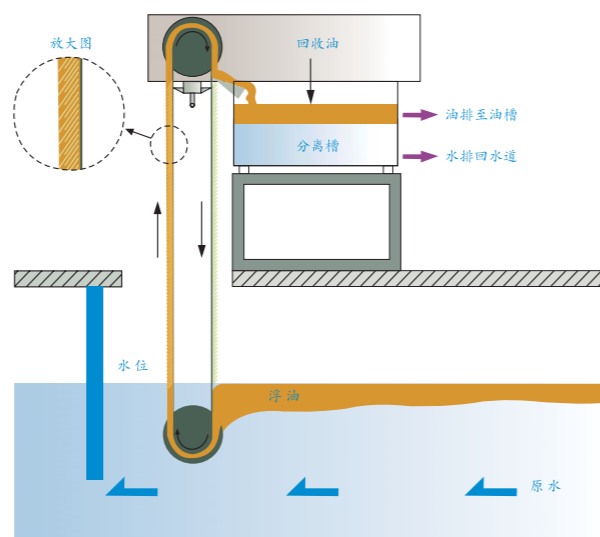


刮油机-油水分离设备 Oil Skimmer

特点 Features:

- 1、超群的回收能力：方向性植毛纤维滤带是由长短不一的纤维组成，纤维之间会有很大的蓄油空间，经测算，方向性植毛纤维滤带和同带宽的钢带回收油能力之比为4:1。
- 2、超长的使用寿命：方向性植毛纤维滤带的制造材料本身能耐磨耐腐蚀。当然除滤带本身的可靠质量，还因为滤带的蓄油部分为植毛纤维之间的空间，当刮油的时候，刮板并不会接触滤带，滤带损耗极小。
- 3、二次分离：表面浮油处理机对经过回收后的浮油还有一个二次分离的过程，使分离后的浮油纯度大大提高。

方向性植毛滤布应用示意图-(油水分离机)



1. Excellent oil recycling capacity:
Directional flocking fibre belt is made of long and short fibre, within which there is much space for oil storage. According to measurement, the proportion of recycling capacity of directional flocking fibre belt and steel belt with the same-length is 4 to 1.
2. Long service life:
The material of directional flocking fibre belt itself is anti-abrasion and anti-corrosion. Except for the high quality of the belt, the space for oil storage is the space between fibre. When skimming oil, the scraper will not directly touch the belt, so abrasion can nearly be neglected.
3. Second separation:
Floating oil slick processor can secondly separate recycled oil, greatly improves the purity of separated oil.

产品应用 Product Application:

- 1、隔油池
Oil removal reservoir with floating oil
- 2、冷却油循环水池
Circulating reservoir with cooling oil
- 3、气浮分离池油回收
Oil recycling in air floatation separation pool
- 4、机油清洗槽
Machine cleaning tank
- 5、钢液池
Steel emulsion pool
- 6、机床切削液池
Machine tool cutting fluid pool



规格及型号

型号	回收油量 (L/h)	带宽(mm)	外型尺寸(mm)	功率(w)	重量(kg)	材质
QL-OS-10	35-110	100	300*480*268	40	30	SUS304
QL-OS-15	70-220	150	377*608*380	40	45	SUS304
QL-OS-20	90-270	200	450*608*380	60	55	SUS304
QI-OS-30	140-340	300	800*775*524	90	90	SUS304
QI-OS-40	180-500	400	800*785*524	90	110	SUS304

现场照片 Photo

