



兰美拉沉淀池

LAMELLA CLARIFIER

产品目录 PRODUCT CATALOG



青岛颐华环保有限公司

QINGDAO YIHUA ENVIRONMENTAL PROTECTION CO., LTD

兰美拉沉淀

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产品简介 PRODUCT BRIEF INTRODUCTION >>>

与传统的常规沉淀池相比，兰美拉沉淀池有非常明显的优势，它以独特的布水方式和斜板结构，使沉降效率大幅提升。

在工作强度和使用寿命上，兰美拉沉淀池也有非常好的表现，它的原理是利用斜板澄清将固体从水中分离，并澄清污水，堆叠倾斜板使得分离器的澄清面积是占据相同占地面积的传统圆形沉淀池的数倍，紧凑的占地面积大大减少了澄清设备所需的空间。随着大家对水质的要求越来越高，越来越多的用户选择兰美拉沉淀池。



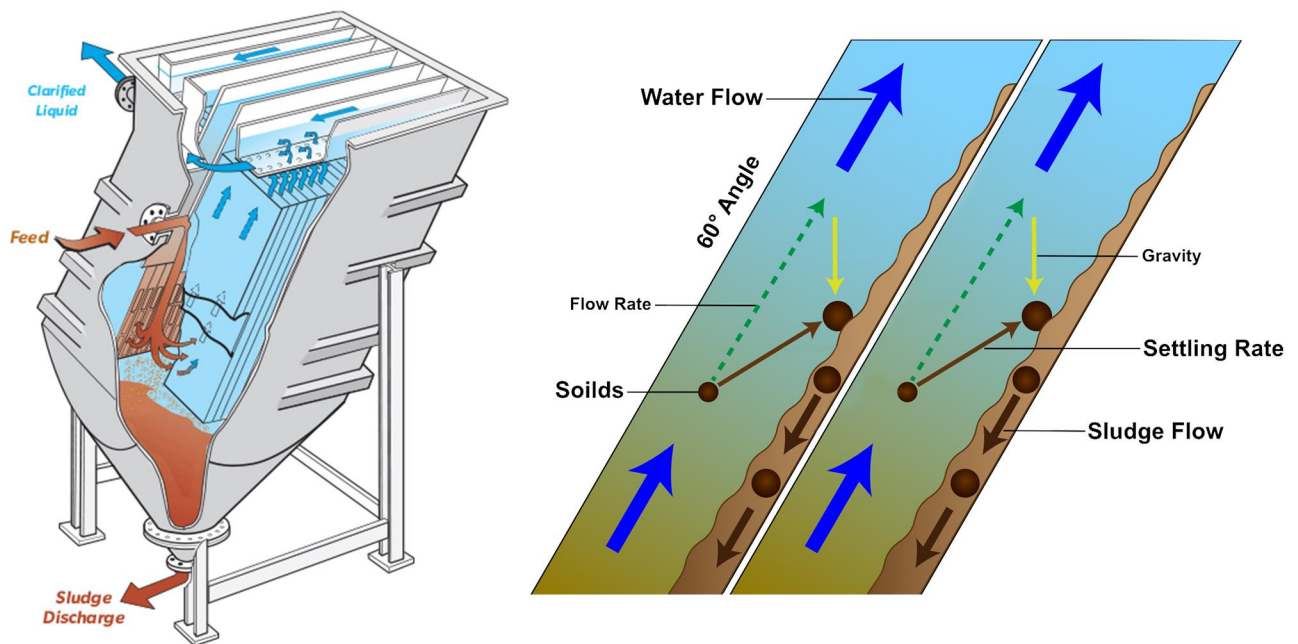
Compared with the traditional conventional sedimentation tank, the Lamella Clarifier has very obvious advantages. Its unique water distribution method and inclined plate structure greatly improve the sedimentation efficiency.

The Lamella Clarifier also performs very well in terms of working intensity and service life. Its principle is to use inclined plate clarification to separate solids from water and clarify sewage. Stacking inclined plates makes the clarification area of the separator occupy the same area. The floor area is several times that of a traditional circular sedimentation tank, and the compact footprint greatly reduces the space required for clarification equipment. As everyone's requirements for water quality are getting higher and higher, more and more users choose Lamella Clarifier.



工作流程 WORK PROCEDURE >>>

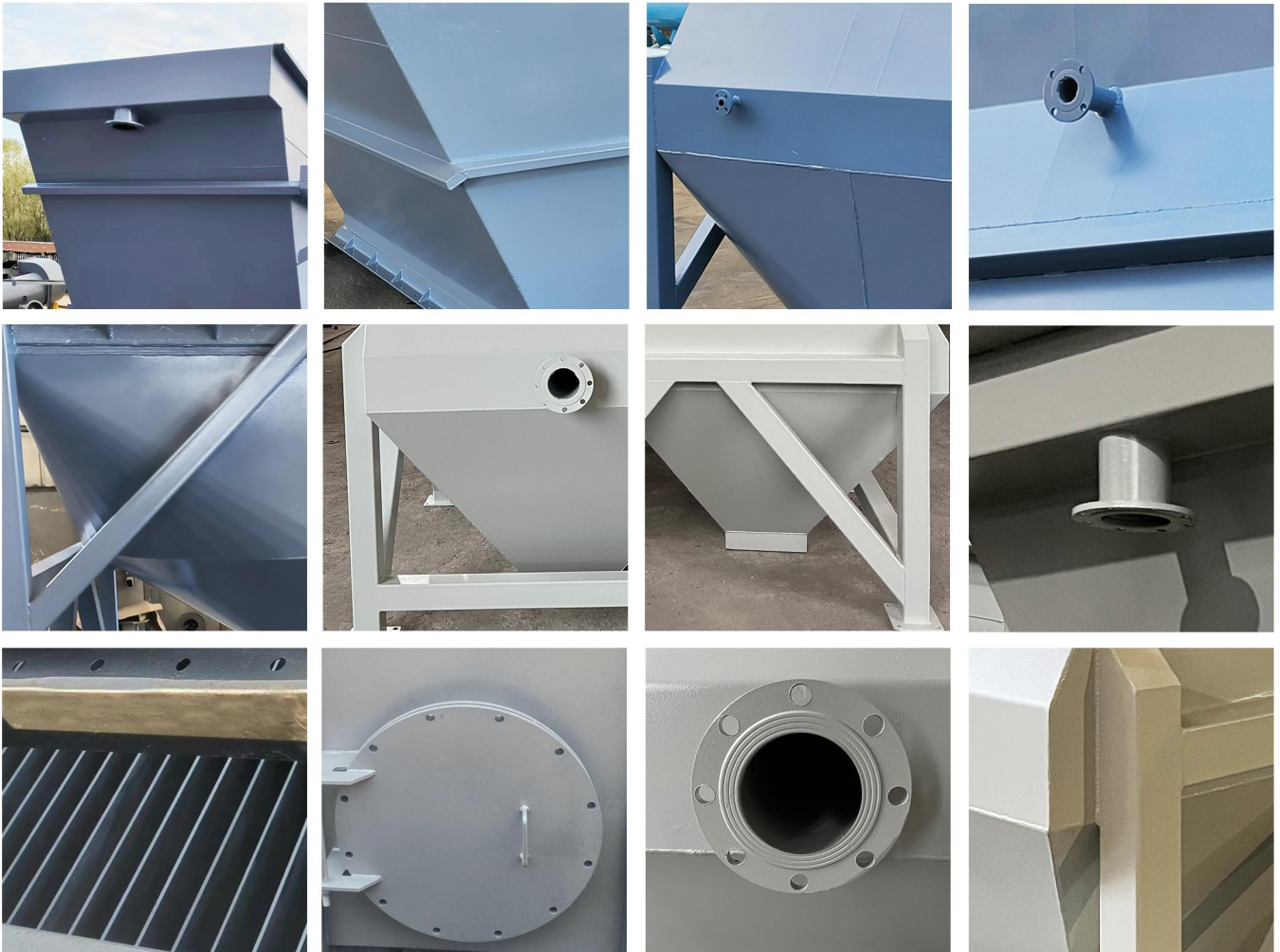
兰美拉沉淀池主要是利用重力沉降原理和沉淀分离结构来实现。污水通过进水管进入兰美拉沉淀池内，然后通过污水分配器均匀地分布到沉淀池中。进入沉淀池内部以后，污水流速迅速下降，污泥落至斜板表面，不断上升的污水使得斜板截停的污泥越来越多，在重力由刮泥机将泥斗中的污泥刮至排泥口排出。缓慢上升的澄清废水由集水槽收集后进入下一道工序。



Lamella clarifier is mainly realized by using the principle of gravity sedimentation and sedimentation separation structure. The sewage enters the Lamella clarifier through the water inlet pipe, and then is evenly distributed into the sedimentation tank through the sewage distributor. After entering the sedimentation tank, the flow rate of sewage drops rapidly, and the sludge falls to the surface of the inclined plate. The rising sewage causes more and more sludge to be intercepted by the inclined plate. Under the gravity, the sludge in the mud bucket is scraped by the sludge scraper. Discharge to the mud discharge port. The slowly rising clarified wastewater is collected by the water collection tank and then enters the next process.

产品优势 PRODUCT SUPERIORITY >>>

- 优质涂层，防腐处理。
 - 流量分布均匀，层流一致
 - 自动化处理，操作简单
 - 占地面积小，更紧凑
 - 使用斜板，再絮凝效果好
 - 灵活性强，按照需求定制
 - 结构稳定，维修简便
 - 配套刮泥机，排泥更顺畅
- Premium coating, anti-corrosion treatment.
 - Equal flow distribution, consistent laminar flow.
 - Automated processing, simple operation.
 - Small footprint and more compact.
 - Use inclined plates, good reflocculation effect.
 - Strong flexibility, customized according to needs.
 - Stable structure and easy maintenance.
 - Equipped with mud scraper, the mud discharge smoothly.



应用领域 APPLICATION AREA >>>

工业生产用水;砂滤器反冲洗;采矿业;河流预沉淀;汽车和卡车清洗池;矿用车辆和设备冲洗;机械和钣金加工车间;工业洗涤过程;暴风雨和地下水处理;餐厅和酒店;隔油池废物处理;食品工业废水;活性污泥系统;污泥浓缩;采矿业;金属精加工;处理地下水;工业生产用水;膜过滤器之前的预处理;市政废水;溶解固体和金属沉淀;渗滤液澄清;冷却塔水澄清;;地表原水处理;水循环/再利用

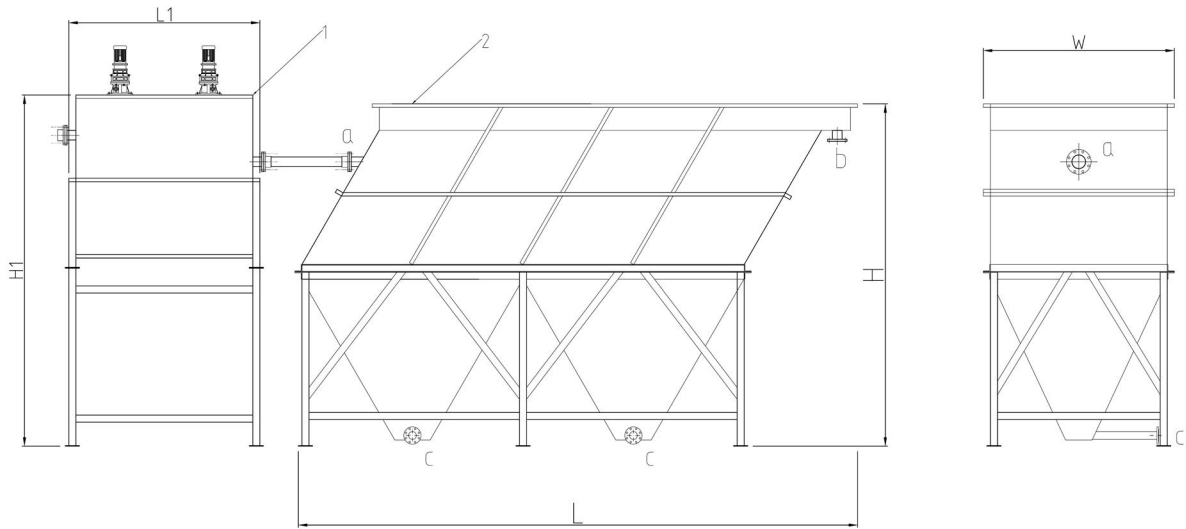
Industrial process water · Sand filter backwash · Mining · River pre-sedimentation · Wash Bays for Cars and Trucks · Mine Vehicles and Equipment Wash Downs · Mechanical and Panel Beating Workshops · Industrial Wash Processes · Storm and Ground Water Treatment · Restaurants and Hotels · Grease Trap Waste Treatment · Food Industry Wastewater · Activated Sludge Systems · Sludge Thickening · Mining · Metal finishing · Treat groundwater · Industrial process water · Pre-treatment ahead of membrane filters · Municipal wastewater · Dissolved solids and metals precipitation · Leachate clarification · Cooling tower water clarification · Surface raw water treatment · Water recycling/reuse



技术参数 TECHNICAL SPECIFICATION >>>

型号 Model	处理量 capacity (m ³ /h)	尺寸规格 Dimensions (m)			管口表 List of nozzles (dn)		
		L	W	H	进水口 Water inlet	出水口 water outlet	排泥口 Mud outlet
YHLC1-001	-1	1.6	0.8	2	25	50	50
YHLC1-003	-3	1.6	1.1	2	50	50	50
YHLC1-005	-5	2.2	1.4	2.2	80	80	65
YHLC1-010	-10	3.2	1.8	3.5	80	80	80
YHLC1-020	-20	3.2	2.2	3.5	100	100	80
YHLC1-030	-30	4.2	2.2	4.1	150	150	80
YHLC1-040	-40	5.3	2.2	3.5	150	150	80*2
YHLC1-050	-50	6.3	2.2	3.9	150	200	80*2
YHLC1-060	-60	7.3	2.2	3.5	200	200	80*3
YHLC1-070	-70	8.8	2.2	3.9	200	200	80*3
YHLC1-080	-80	9.3	2.2	3.5	200	200	80*4
YHLC1-090	-90	10.2	2.2	4.1	200	250	80*3
YHLC1-100	-100	11.3	2.2	3.9	250	250	80*4
YHLC1-120	-120	9.3	3.2	3.5	250	250	80*4
YHLC1-150	-150	11.3	3.2	3.9	250	250	80*4

外形图 OUTSIDE VIEW >>>



1、絮凝反应区（可选装管道絮凝装置） 2、兰美拉沉淀池
a、进水口 b、出水口 c、排泥口

1.Flocculation reaction zone (Optional pipe flocculation device)

2.Lamella clarifier

a.Water inlet b.Water outlet c.Mud outlet

耗材表 CONSUMABLE LIST >>>

配件名称 Parts Name	配件图片 Accessories Pictures	备注 Remarks
电动排泥阀 Electric mud discharge valve		按照客户要求可自行选配 Optional according to customer requirements
斜板 Inclined Plate		按照客户要求可自行选配 Optional according to customer requirements

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QINGDAO YIHUA ENVIRONMENTAL PROTECTION CO., LTD

地址：山东省青岛市西海岸新区明关路729号
ADD: NO.729, MINGGUAN ROAD, WEST COAST NEW DISTRICT,
QINGDAO, SHANDONG, CHINA

电话Tel: +86 532 85138788

网址Web: www.yihuaep.com



QINGDAO YIHUA ENVIRONMENTAL PROTECTION CO., LTD