

环创粉碎格栅介绍

HUANCHUANG (HC) Wastewater Grinder Introduction

环创粉碎格栅是一种高扭矩低转速的水下双轴撕碎机，可以粉碎污水中的各种固体垃圾（如织物/布料，塑料袋/瓶，树枝木块，玻璃瓶，铝罐等），将其粉碎成6mm-12mm的微小颗粒，在容纳高速水流通过的同时粉碎各种固体废物到颗粒状，使水流无害顺利通过泵和管道等。

适用于污水处理厂、自来水厂、雨水泵站等进水渠道（井），拦截水中的漂浮物，保证水泵后续工作正常运行，是先进的拦污设备。

环创粉碎格栅拥有13项的国家专利，几乎涵盖粉碎型格栅所有关键的技术，易于安装，便于维护，是降低泵站等设备运行成本,延长使用寿命的最佳选择。

我司的粉碎格栅产品系列包括：管道式格栅，渠道式格栅（无鼓、单鼓、双鼓），和传送式格栅。

The HC Wastewater grinder is a high torque, low rotating speed and double shaft grinder under water. It is designed to pulverizing all kinds of solid waste((clothing, plastics, trash, wood, aluminum can,glass bottle and other debris) to 6 mm-12 mm in the modern waste water and sludge to protect pumps, prevents binding and clogging problems.accommodates high speed water flow while pulverizing various solid waste into particles that let the water flow harmlessly through pumps, pipes and etc.

The HC wastewater grinder is suitable for wastewater treatment plant, waterworks, rain pumping station and the water inlet channel(well), intercepts floating materials in water, guarantees normal operation of subsequent pump , it's an advance intercepting wastewater device.

The HC wastewater grinder owns 13 national patents including almost core technologies of wastewater grinder, easy installation, convenient maintenance, it's the best choice to reduce the pump stations' operating cost and prolong operating life.

Ours grinders series include Pipe-line wastewater grinder, Channel wastewater grinder (with 0/1/2 drums), and Transit wastewater grinder.



管道式格栅
Pipeline Wastewater Grinder



渠道式格栅（单鼓）
Channel Wastewater Grinder (Single drum)



传送式格栅
Transit Wastewater Grinder

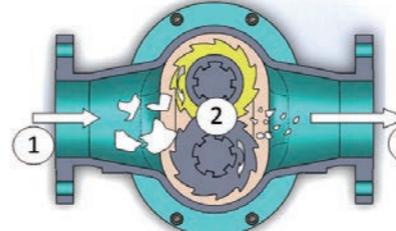


渠道式格栅（无鼓）
Channel Wastewater Grinder (No drum)

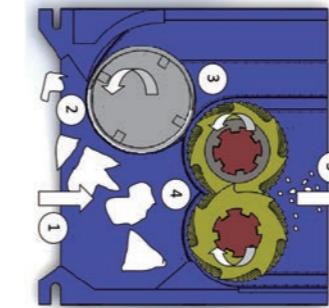


渠道式格栅（双鼓）
Channel Wastewater Grinder (Double drum)

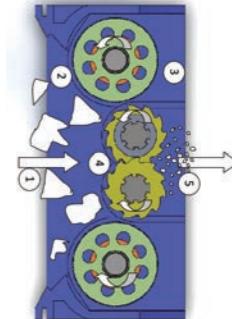
工作原理/Working Principle



管道式粉碎格栅工作示意图
Pipeline grinder working



渠道式粉碎格栅（单鼓）工作示意图
Channel Grinder(Single Drum) working



渠道式粉碎格栅（双鼓）工作示意图
Channel Grinder(Double Drum) working

1 管道或渠道中的污水和固体垃圾进入粉碎格栅

Wastewater with solid waste in pipe line or channel

2 格栅双轴粉碎刀片组相向旋转粉碎固体垃圾

Double shaft cutter assemblies pulverize the solid wastes by rotating in the opposite direction.

3 固体垃圾被粉碎成6mm-12mm颗粒，流出粉碎格栅

Solid wastes are reduced to 6mm-12mm particles and passes through the grinder

A: 旋转的绕线式转鼓捕获和引导较大的固体垃圾到切割区。小于9mm的垃圾和污水一起流过转鼓

Rotating wound-rotor drum captures and directs the big solid waste to pulverizing chamber. Smaller solid waste (less 9mm) and waste water can pass through the rotating drum.

B: 导流槽，引导砂石通过，保护轴和机械密封

Diversion trench guides the sands through ,protects the shaft and mechanical seal from the sand damaging.

4 传送式格栅是将粉碎后的固废颗粒通过螺旋输送机输送到外面做下一步处理。

Transit wastewater grinder will transit the pulverized solid particles to outsite by screw conveyor for next treatment.



结构和特性优点/General Structure and Features

环创粉碎格栅设计紧凑，主要由电机，减速机，刀片组，密封组件，框架，PLC控制系统等组成。电机通过减速机驱动主动轴，再由主动轴通过齿轮带动从动轴，从而带动两组刀片轴做相向回转运动，把污水或其他液体中的固体垃圾粉碎成6mm-12mm的微小颗粒，然后流到后续工艺，而污水或其他液体则可以直接流过刀片组和导流栅间隙。

运行模式有：连续运行模式、时间控制模式、水位控制模式、声呐控制模式，综合控制模式。

HC wastewater grinder owns compact design which is comprising of motor, reducer, cutter assembly, seal assembly, frame, PLC control system and etc. Motor passes through reducer to drive the driving shaft then passes trough gear to drive the driven shaft so that the 2 shafts with cutters will be able to rotate in opposite direction. Solid wastes in waste water will be pulverized to particles of 6mm-12mm, then pass the grinder to the next procedure. The waste water can flow through the grinder smoothly.

Operating model:continuous operating model,time controlling model,water level controlling model,sonar controlling model,comprehensive controlling model.

电机 Electric Motor

干湿两用电机和潜水防爆电机可;潜水防爆电机专为格栅配套设计，既可以长时间暴露在空气中运行，又可以在水下运行。
Dry& Wet motor:IP55(optional)
Submersible &anti-explosion type:IP68(optional).
Special design for grinder. Not only can run submerging ,but also run exposing in air for long time.



双轴刀具 Dual Shaft Blade

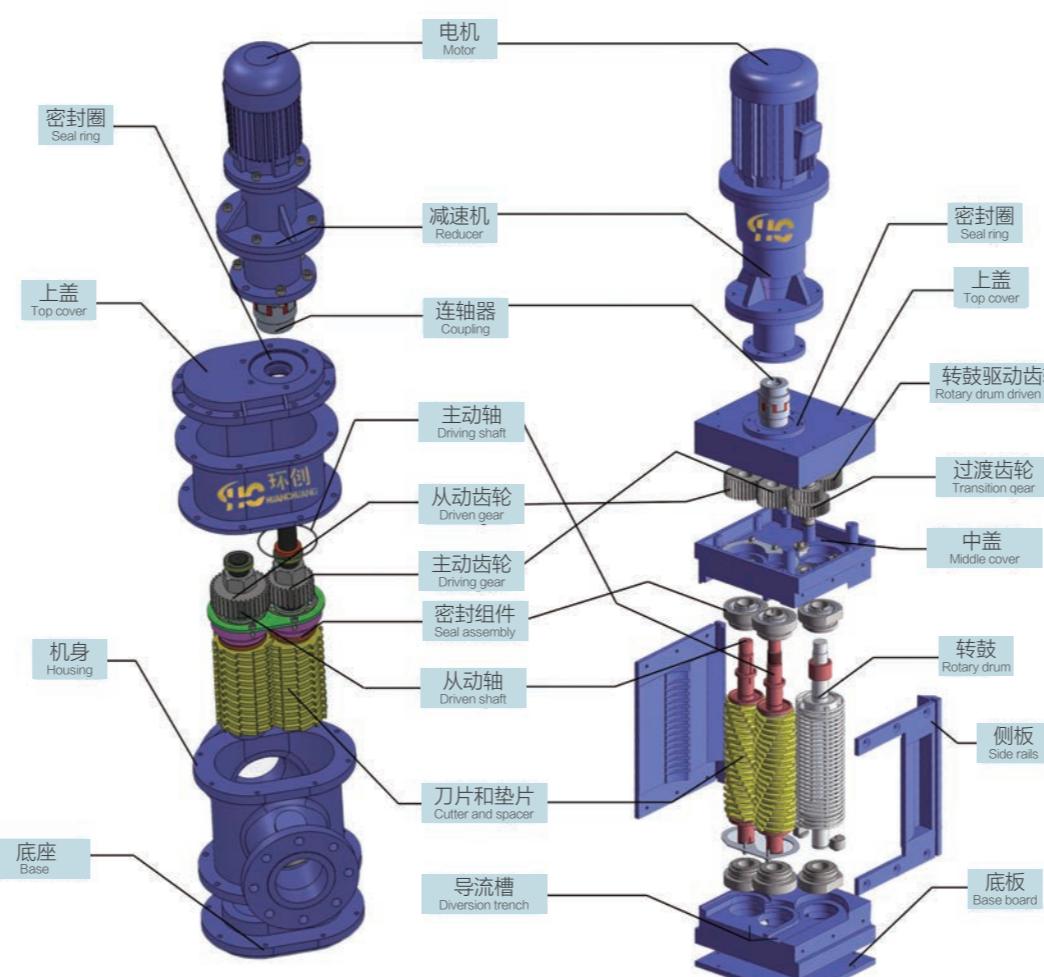
低转速低噪音高扭矩，强力捕获和粉碎任何形状的固体垃圾
low rotating speed, low noise level, high-torque power to shred any tough solids under water.



行星齿轮减速机 Planetary Gear Reducer



弹性联轴器 Elastic coupling (shock-absorbing and easy maintenance)



专利机械密封设计 Patented mechanical seal assembly

碳化钨密封组件，压力值可达 $6.3\text{kg}/\text{cm}^2$
Tungsten Carbide
Pressure value to $6.3\text{kg}/\text{cm}^2$



高硬合金刀片和垫片 High Hardness Cutter and Spacer

表面经过均匀的硬化处理，硬度45-55HRC。标准直径115mm和140mm，标准厚度8mm和12mm.标准齿数:7齿和11齿。
刀片和垫片可选择镀钛，耐磨耐腐蚀，增加1.5-2倍使用寿命。另外我司可根据客户需要进行特别齿数,齿型设计。
surface was treated evenly, Hardness 45-50HRC,standard diameter:115mm and 140mm,standard thickness:8mm and 12mm,standard number of gear tooth:7 and 11.Can choose titanizing, abrasion resistance, anti-corrosion, prolong its service life by 1.5-2 times.
Customized cutters with various tooth configurations to meet special application



轴与刀片以六槽花键结合 Shaft and Cutters: six-slot-spline.

与六角形轴相比，长期使用后不会变形，更便于拆卸维修
Compared with the hexagonal shaft, hard to deform and easier repair.

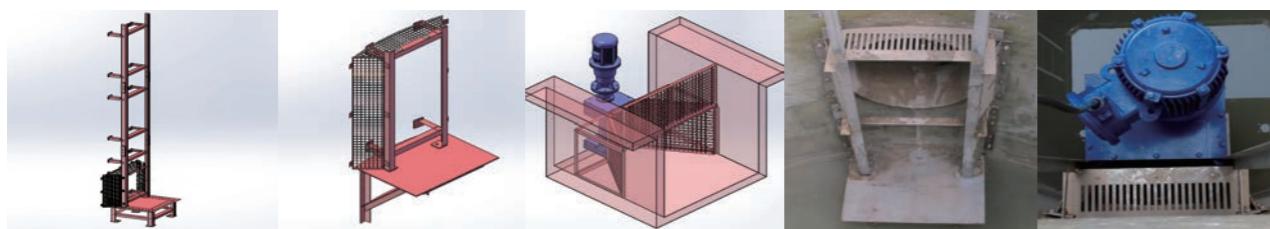


球墨铸铁机身，坚固耐用 Ductile Iron(ASTMA 536), sturdy and durable



安装卡槽 Installation Slot

便于安装和维修，安装不需要额外土建施工
结合不锈钢支架，可安装于渠道壁，井壁，和泵站墙上
Ease and Flexibility of Installation. Little or no civil work is needed
Adding stainless steel frames allow easy installation in channels, wet wells and pump stations



不锈钢安装支架 (选配件) Stainless steel frame(Optional)
材料: 不锈钢304.Materials:Stainless steel 304.可根据客户需要进行设计制作。
Customized by customer

组件材料Construction Materials	
刀片和垫片 Cutter and spacer	进口4130合金钢, ,表面经过均匀的硬化处理 Imported 4130 alloy steel with surface harden evenly
轴 Shaft	4140热处理合金钢, 表面经过均匀的硬化处理 Heat-treated alloy steel 4140 with surface harden evenly
底座、外壳和侧栏 Base, side rail and shell	球磨铸铁ASTMA536 Ductile cast iron ASTMA536
密封件 Seal assembly	碳化钨合金 Tungsten Carbide surface
橡胶件Rubber parties	Buna-N (丁腈橡胶)
无轴转鼓 Shaftless rotaring drum	不锈钢304 Stainless steel304
螺旋输送机 Screw conveyor	不锈钢304外壳, 合金钢或不锈钢无轴螺旋 Shell stainless 304,shaftless screw conveyor alloy steel or stainless steel
安装支架Installation frame	不锈钢304/316 Stainless steel 304/316

PLC控制系统/PLC Control System Introduction

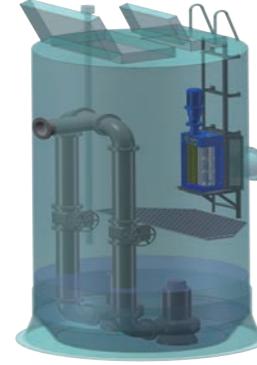


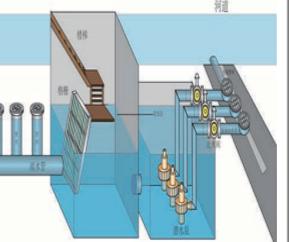
环创粉碎格栅都配置有专门设计的PLC控制柜，根据安装环境可选配室内柜或室外柜。

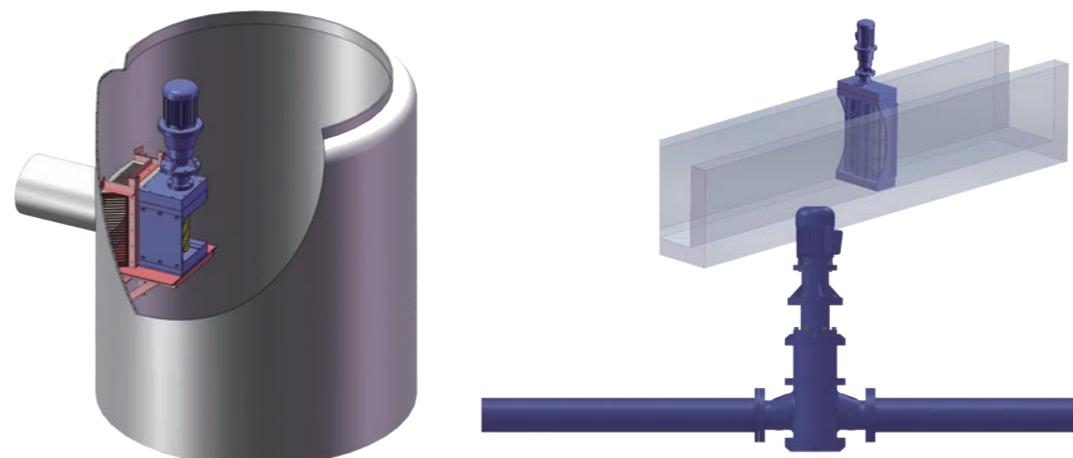
主要特性和功能/Main Features and Benefits

- 1 配备LCD液晶显示器和操作按键,人机交互界面，支持中英文显示，实时监控运行状态。可储存历史故障记录，便于监督检查。
LCD display,with Chinese/English language interface. It can show the real-time running monitoring and error records for checking.
- 2 可设置堵转电流，根据电机变流反馈而控制电机的正反转运行切换, 实现防堵自动反转功能。当有杂物堵塞刀片转动时，电机负载加大，电机电流上升，当电机实时电流超过设定堵转电流时，电机进行正反转自动切换，防止被堵死以致电机过载跳闸，保证粉碎格栅正常工作。堵转电流、电机正反转切换次数、及反转运行时间参数可根据具体工况设定。
Auto-reversing setting:the motor load will increase and lead to a current rising, when the cutters blocked.Once the current reached a pre-set point, the motor will reverse automatically.The current,reversing times and time can be set according to the application.
- 3 可自由设定自动启动、停止和运行时间长短，实现格栅定时自动启动、运行、和停止。全自动化运行，不需专人值守,降低成运行成本。
Automatic running setting: Automatic running,stopping, and running time can be set by the actual flow rate.It can automatic start and stop ,and no need to operate by manual handle to save the labor cost.
- 4 具有本地/远端切换功能(MODBUS通信端口)，预留远端控制信号至端子排，方便扩展远端控制。可连接PC等远端控制设备。我司可提供PC远程控制软件。
MODBUS communication port: Local/remote control function by PC or other equipments. Free PC controlling software available.
- 5 密码保护功能，可设置密码，保证控制箱和格栅运行安全。
Password protection: You can set a password for the the operating interface to prevent any misoperation.
- 6 控制箱采用304不锈钢制作，安全防护等级为：室内柜IP55，室外柜IP65.布线简单，安装简便。
Control cabinet was made of 304 stainless steel.IP55 for indoor and IP65 for outdoor cabinet.Simple and easy to install and maintain.

粉碎格栅用途/Application of Wastewater Grinder

应用领域 Application Scope	照片 Photo	特点效果 Features&Benefits
一体化预制泵站 Integrated prefabricated pump station		安装在泵站内壁上,粉碎固体垃圾以保护潜水泵站高效、可靠地运行,无人值守,自动运行,远程监控。 Installs on inner wall of pump station ,pulverizes solid waste in the wastewater to protect stable operation of the submersible pump, No need manual supervision, automatic operation, remote monitoring.
污水处理厂 Sewage treatment plant		将污水中的布料,棉织物,塑料袋等拦截、粉碎,并传送至进水渠道外部的专用垃圾收集装置后,定期运输。 Intercepts the clothes, textiles, plastic bags in the wastewater, moreover, pulverizes them and carries out the pulverized solid granules to specialized collecting container and transport on time. 具有更高的拦截率和实现完全输送打捞,减轻了后端细格栅的负载,占地面积小,检修方便,维护费用低。 With higher interception rate and realize complete conveying salvage, reduces the load on the back-end of grating , small occupation , convenient maintenance , low maintenance cost.
传统土建或地埋式污水泵站 Traditional civil or buried sewage pump station		替换现有的齿耙式格栅。 Replaces current "tooth rake" grating. 相比传统机械格栅,粉碎型格栅不仅能够拦截,还有粉碎功能,解决了垃圾拦截打捞不完全和减少了垃圾二次搬运带来的人工费用等问题,占地面积小、检修方便,维护费用低。 Compared with traditional mechanical grating , HC wastewater grinding grating not only can intercept ,also has the grinding function , solve the incomplete of salvaging garbage, reduce the manual cost of secondary movement of garbage and other problems . small occupation , convenient maintenance , low maintenance cost.

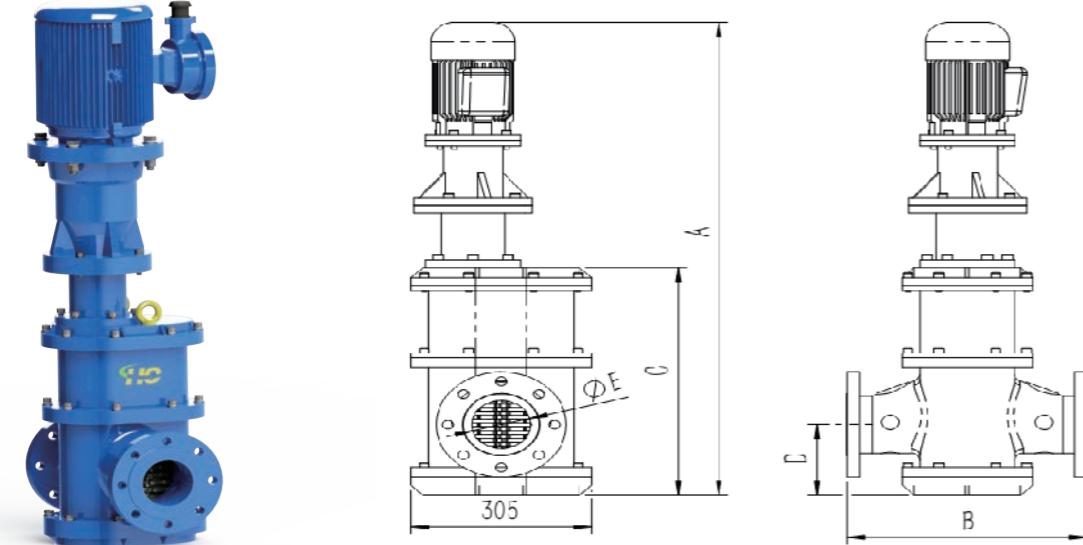
应用领域 Application Scope	照片 Photo	特点效果 Features&Benefits
雨水排水渠道 (下穿隧道)排涝泵站 Rainwater drainage channels (tunnel) drainage pumping station		粉碎暴雨时突然大量增多的垃圾,减容到水泵可以抽走的尺寸,保护水泵正常运转,避免道路积水。 Pulverizes the trashes when the rain increase accidentally, reduce size of the solid waste in the waste rainwater ,it can be sucked out by waste pump. Protect the normal operation of waste pump, avoid the water on the road.
商业和住宅小区管网工程 Commercial and residential district pipe network engineering		防止堵塞。 Prevents jamming.
河道、湿地综合整治污水提升工程 Comprehensive improvement of river, wetland sewage lifting project		保护水泵,防止堵塞。 Protects water pump, prevents jamming.



管道式格栅选型表/Pipeline Grinder Specification

管道式粉碎格栅可安装于各种口径的管道，适用于污水管网内大颗粒物的粉碎，碎后粒径为8mm-12mm。

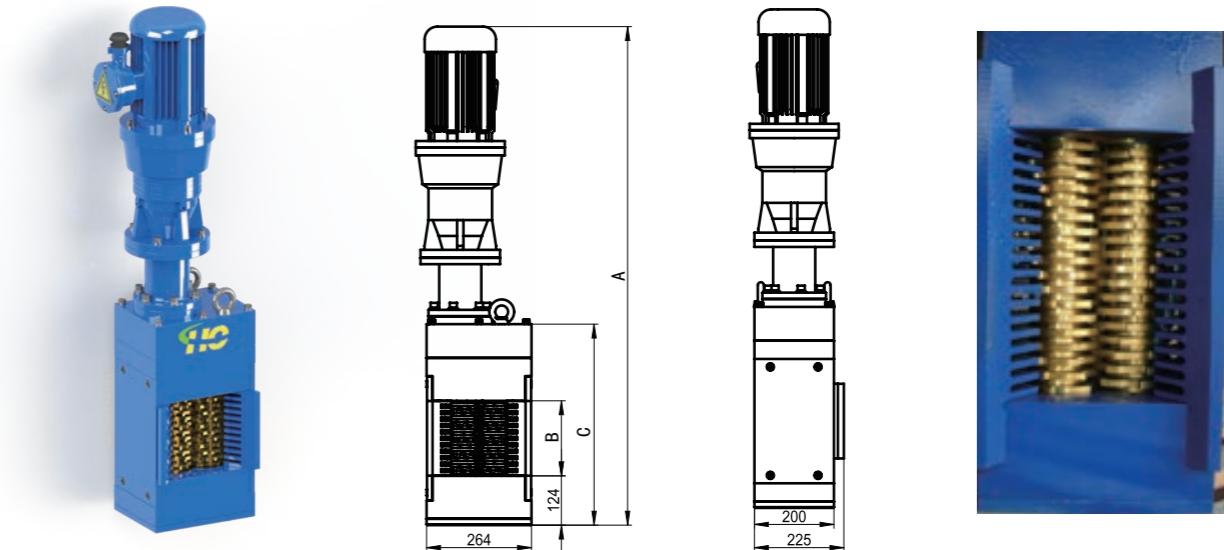
Pipeline grinder can be installed in variety of diameter pipelines to pulverize the solids to 8mm-12mm particles.



无鼓渠道式粉碎格栅选型表 No Drum Channel Grinder Specification

无鼓渠道式粉碎格栅适合小型渠道或中小流量进水口使用。

No drum channel grinder is suitable for small channel with flow rate from 80m³-1000 m³/hour.



型号 Model	流量 Flow Rate (m³/h)	管道尺寸 Pipeline Diameter (mm)	规格尺寸Dimensions (mm)					毛重 Gross Weight (kg)
			A	B	C	D	E	
HCP-90	90	100	1190	410	478	148	100	185
HCP-140	140	150	1240	460	516	173	150	200
HCP-185	185	200	1296	460	556	198	200	217
HCP-230	230	250	1299	460	825	223	250	255
HCP-275	275	300	1299	464	880	248	300	302

可选配件/Optional main spare parts :

- 电机Motor: 干湿两用电机 (IP55) 或潜水防爆电机 (IP68)
Optional: Dry&Wet:IP55;Submersible& anti-explosion type:IP68
- 控制柜PLC cabinet: 室内控制柜Indoor cabinet (IP55) 或室外控制柜(IP65)
- 减速机(Reducer):imported planetary gear reducer
- 刀片Cutter: 镀钛处理刀片Titanizing

可选配件/Optional main spare parts :

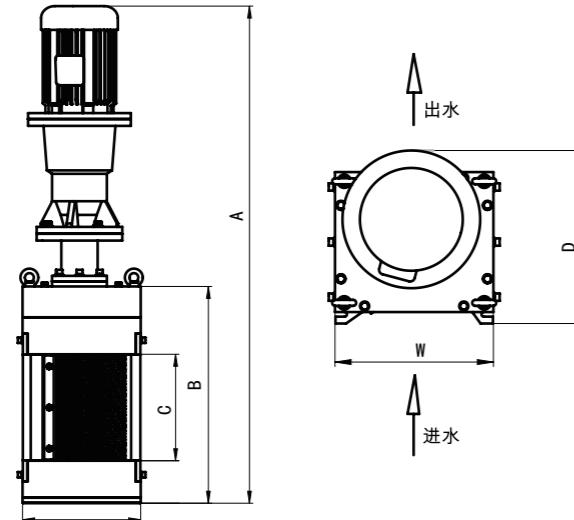
- 电机Motor: 干湿两用电机 (IP55) 或潜水防爆电机 (IP68)
Optional: Dry&Wet:IP55;Submersible&anti-explosion type:IP68
- 控制柜PLC cabinet: 室内控制柜Indoor cabinet (IP55) 或室外控制柜(IP65)
- 刀片Cutter: 镀钛处理刀片Titanizing
- 不锈钢安装支架Stainless steel installation frame

单鼓渠道式粉碎格栅选型表

Single Drum Grinder Specification

单鼓渠道式粉碎格栅适合中型渠道或中等流量使用，单鼓设计适应更大渠宽，流量更高。

Single drum grinder is suitable for medium channel with higher flow rate.



型号 Model	流量 Flow Rate (m³/h)	规格尺寸Dimensions (mm)				最小渠宽 Mini-width of Channel W(mm)	毛重 Gross Weight (kg)
		A	B	C	D		
HCC-S300	300	1452	633	435	330	345	347
HCC-S600	600	1550	782	559	405	500	486
HCC-S800	800	1728	960	737	405	500	526
HCC-S1100	1100	1906	1138	912	405	500	572

可选配件/Optional main spare parts:

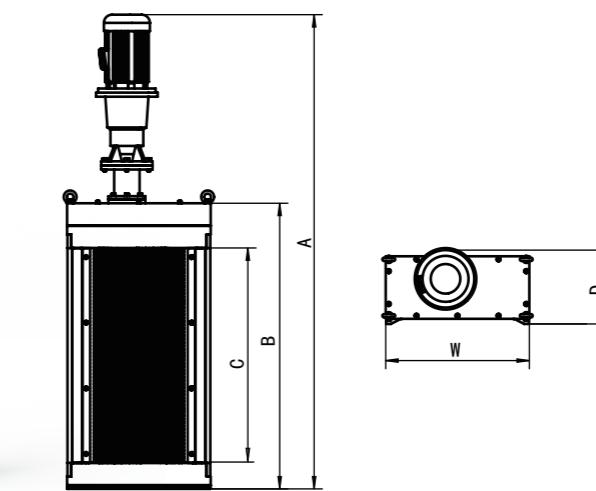
- 电机Motor: 干湿两用电机 (IP55) 或潜水防爆电机 (IP68)
Optional: Dry&Wet:IP55;Submersible and anti-explosion type:IP68
- 控制柜PLC cabinet: 室内控制柜Indoor cabinet (IP55)
或室外控制柜(IP65)Outdoor cabinet (IP55) Outdoor cabinet (IP65)
- 刀片Cutter: 镀钛处理刀片Titanizing
- 不锈钢安装支架Stainless steel installation frame

双鼓渠道式粉碎格栅选型表

Double Drum Grinder Specification

双鼓渠道式粉碎格栅适合大型渠道或高流量使用，双鼓设计适应更大渠宽，流量更高。

Double drum grinder is designed for large flow and large scale channel.



型号 Model	流量 Flow Rate (m³/h)	规格尺寸Dimensions (mm)				最小渠宽 Mini-width of Channel W(mm)	毛重 Gross Weight (kg)
		A	B	C	D		
HCC-D1100	1100	1820	936	718	360	696	670
HCC-D1600	1600	2076	1156	938	360	696	740
HCC-D2200	2200	2312	1393	1175	360	700	815
HCC-D3000	3000	2100	1176	958	547	1240	1010
HCC-D4000	4000	2592	1403	1185	547	1240	1620
HCC-D4800	4800	2910	2110	1900	470	1000	1980
HCC-D5200	5200	2512	1712	1492	572	1300	2130
HCC-D6700	6700	2910	2110	1900	572	1300	2700

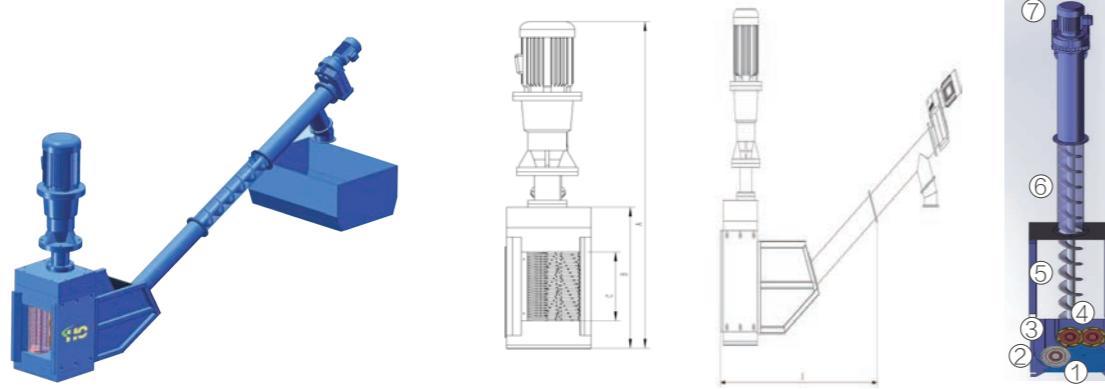
可选配件/Optional main spare parts:

- 电机Motor: 干湿两用电机 (IP55) 或潜水防爆电机 (IP68)
Optional: Dry&Wet:IP55;Submersible and anti-explosion type:IP68
- 控制柜PLC cabinet: 室内控制柜Indoor cabinet (IP55)
或室外控制柜(IP65)Outdoor cabinet (IP55) Outdoor cabinet (IP65)
- 刀片Cutter: 镀钛处理刀片Titanizing
- 不锈钢安装支架Stainless steel installation frame

传送式粉碎格栅选型表 Transit Grinder Specification

传送式粉碎格栅适用于将渠道内粉碎后的垃圾自动收集传送至地面，便于统一收集处理。

Transit Grinder can be used for pulverizing the solid waste in the wastewater , collecting and transiting the particles from the water to the container.



特性和优点/Features and benefits

1 组合格栅系统/Integrated grinder system

实现高流量污水中固体颗粒粉碎和脱水除渣的完美结合
Achieve the perfect combination for pulverizing solid waste particles in high flow sewage and dehydration.
适用于大部分现有管道、渠道，不需或只需少量土建改动
Apply to most of the existing channels

2 无轴螺旋输送系统/Shafless screw conveyor system

有机物随着污水通过输送槽的栅孔流回渠道中
Organics as the sewage through the conveying groove hole back into channels
栅孔的大小根据不同情况及截留率的要求可选
Groove hole size according to the requirements of different conditions and withholding rate is optional
固体颗粒在排渣前经过水洗，提升和脱水
Before deslagging , the solid particles will through water washing,lifting and dehydration.

3 喷淋冲洗/Spray washing

喷淋冲洗使固体颗粒更干净，有机物含量更少并减少了臭味
To make solid particles more clean and reduce odor

4 适合填埋/Suitable for landfill

经水洗及脱水压实后的固体颗粒更适合填埋
More suitable for landfill

- 1 夹带固体颗粒的污水进入传送式粉碎格栅
Sewage with solid particles enters the transition grinder.
- 2 固体颗粒被转鼓截留，并被引导到切割室
Solid particles will be intercepted by rotaring drum and be deflected to the cutting chamber.
- 3 大部分的污水和细小颗粒通过转鼓网流出
Most of the sewage and tiny particles through the reseau of rotary drum outflow
- 4 固体颗粒通过切割室被粉碎成细小颗粒
Solid particles through cutting chamber are pulverized into tiny particles
- 5 粉碎后的细小颗粒被导入斜立的无轴螺旋输送机
After the pulverized tiny solid particle will be guided into inclined shaftless screw conveyor
- 6 细小固体颗粒经过水洗以及无轴螺旋刷，和有机物分离，有机物通过输送槽的栅孔流回渠道中。清洁无臭的固体颗粒脱水后排出。
The small solid particles after washing and shaftless spiral brushing , and effective separating the organic matter which as the sewage through the conveying groove hole back channel , Cleaned odourless solid particles after dewatering being taken out.
- 7 固体颗粒排出后落入垃圾桶或垃圾袋
Load the container or bag after solids particles taken out.

无鼓传送式粉碎格栅选型表/Grinder Specification

型号 Model	流量 Flow Rate (m³/h)	规格尺寸Dimensions (mm)				最小渠宽 Min-width of Channel W (mm)
		A	B	C	D	
HCT - N160	160	1504	745	420	定制	364
HCT - N210	210	1647	914	586	定制	364
HCT - N280	280	1724	1058	730	定制	364
HCT - N350	350	1885	1208	880	定制	364
HCT - N450	450	2017	1358	1030	定制	364
HCT - N570	570	2169	1508	1180	定制	364

单鼓传送式粉碎格栅选型表 Single Drum Auger Grinder Specification

型号 Model	流量 Flow Rate (m³/h)	规格尺寸Dimensions (mm)				最小渠宽 Min-width of Channel W (mm)
		A	B	C	D	
HCT - S500	500	1550	779	556	定制	600
HCT - S670	670	1728	957	734	定制	600
HCT - S920	920	1907	1135	912	定制	600
HCT - S1200	1200	2085	1313	1090	定制	600
HCT - S1500	1500	2275	1503	1280	定制	600
HCT - S1850	1850	2495	1723	1500	定制	600

双鼓传送式粉碎格栅选型表 Single Drum Auger Grinder Specification

型号 Model	流量 Flow Rate (m³/h)	规格尺寸Dimensions (mm)				最小渠宽 Min-width of Channel W (mm)
		A	B	C	D	
HCT-D950	950	1820	942	721	定制	800
HCT-D1300	1300	1970	1162	941	定制	800
HCT-D1700	1700	2200	1402	1180	定制	800
HCT-D2200	2200	2512	1712	1492	定制	800
HCT-D2400	2400	2000	1162	941	定制	1340
HCT-D3000	3000	2512	1712	1492	定制	1040
HCT-D3300	3300	2200	1402	1180	定制	1340
HCT-D3800	3800	2910	2110	1900	定制	1040
HCT-D4400	4400	2512	1712	1492	定制	1340
HCT-D5700	5700	2910	2110	1900	定制	1340

可选配件/Optional main spare parts:

- 电机Motor: 干湿两用电机 (IP55) 或潜水防爆电机 (IP68)
Optional: Dry&Wet:IP55;Submersible and anti-explosion type:IP68
- 控制柜PLC cabinet: 室内控制柜Indoor cabinet (IP55) 或室外控制柜(IP65)
- 刀片Cutter: 镀钛处理刀片Titanizing

国内成功案例 Successful cases in China

在中国，环创格栅是行业内的领军品牌，产品销售范围已覆盖全国大部分省市和自治区，以过硬的质量、不断的创新、和优质的服务，在客户中形成了良好的口碑，获得广大客户的认可和信赖。

As a leading wastewater grinder manufacturer, our marketing net has covered most of the provinces and regions in China. With excellent quality, continuous innovation and warm service, we have earned the trust of customers and users.



环创粉碎型格栅凭借先进的设计和优秀的产品质量，成为预制泵站国际知名品牌的格栅供应商。目前环创已在广东，福建等省区的泵站工程提供了格栅产品，获得了良好赞誉。

Based on advanced design and excellent quality, Huanchuang wastewater grinders became world famous brand pumpstation integrated grinder supplier, and have been used in pumpstations in Guangdong province and Fujian province with good reputation.



四川绵阳桃花岛
Mianyang City, Sichuan Province



福建厦门
Xiamen, Fujian Province



厦门梧村隧道
Wucun Tunnel, Xiamen

国内近期部分案例/Cases in China

项目名称	型号规格	数量(台)	运行日期	项目名称	型号规格	数量(台)	运行日期
苏州泽尼特	HCC-N120	1	2014	山东某环保工程有限公司	HCC-S300/S600	2	2014
青岛某新能源科技有限公司	HCC-N170	1	2014	某环保科技（上海）有限公司	HCC-S300/S600	5	2014
重庆某自控技术有限公司	HCC-D3000	1	2014	泽尼特泵业（某）有限公司	HCC-N80	1	2014
杭州某贸易有限公司	HCC-N120	1	2014	某水处理系统（沈阳）有限公司	HCC-N120	1	2014
余姚市某机械有限公司	HCC-S300	1	2014	上海某机电科技有限公司	HCC-D4000-F/S1100F	2	2014
桂林某排水有限公司	HCC-D2200T/D4000	2	2014	青岛某新能源科技有限公司	HCC-S600	1	2014
北京某环保科技有限公司	HCP-90	2	2014	安尼康（福建）环保设备有限公司	HCP-90	1	2014
苏州格赛特环保设备有限公司	HCC-S800	1	2014	苏州某环保设备有限公司	HCC-N80	1	2014
长沙市某机电设备有限公司	HCC-S600/HCP-90	5	2014	仁寿县某污水处理厂	HCP-90	2	2014
重庆博高科技有限公司	HCC-S300	1	2014	盐城某集团有限公司	HCC-N80	1	2014
江苏某泵业有限公司	HCC-S300/N170	2	2014	重庆某环保设备有限公司	HCC-N80	3	2014
黄骅市某市政工程有限公司	HCC-S600	1	2014	清远某机电设备有限公司	HCC-S600	1	2014
重庆某科技有限公司	HCC-S600/S300/N80	11	2014	某水处理系统（沈阳）有限公司	HCC-S300/S600	2	2014
广州某环保设备有限公司	HCC-S300	1	2014	江苏某泵业有限公司	HCC-N80/N120	2	2015
贵州某贸易有限公司	HCC-N80	1	2014	泉州某机电设备有限公司	HCC-D2200	1	2015

国外成功案例 Overseas successful cases

在国外，环创粉碎格栅已成功进入国际市场，已出口至美国，加拿大，俄罗斯，泰国，乌兹别克斯坦，希腊，白俄罗斯，尼日利亚等国家，以优异的产品质量和快速的服务，赢得了国外客户的认可和信赖。环创污水格栅运行在世界各地的污水处理中心，为保护地球环境做出贡献。

Huanchuang wastewater grinders have been exported to USA, Canada, Russia, Thailand, Uzbekistan, Greece, Belarus, Nigeria, etc. with good quality. We are proud that our wastewater grinders are running in wastewater treatment plant around the world, contributing to the protection of the earth environment.





环创在中国
HC IN CHINA ↴



环创在世界
HC IN THE WORLD ↴

► 在世界多个国家，环创拥有可靠的合作伙伴。环创位于中国厦门的制造工厂，为不同的国家和地区的客户，设计和制造不同类型的设备，受到客户广泛赞誉。

► HC's successful partnerships with customers scatter all over the world. Made in Xiamen, served for different countries and regions, we pride ourselves on delivering best products through cutting-edge design and prowess manufacture, and enjoy the top honor from customers.

- 在中国，分设有华东区，华南区，西南区，华北区等数个销售代表处。欢迎垂询合作。
- Our representative offices in China are setup in east China area, south China area, southwest China, north China respectively.
- Eager for your calling or cooperation and ready to offer services wholeheartedly

► 免费技术咨询和服务：只需告知我们您的破碎需求，便可获得完善的破碎方案
 即时快速优质的售后服务：包括设备的安装、使用和维护的培训和指导；

快速响应和解决的机制；

定期回访，终身免费技术支持

备品备件：充足快速的备品备件，以优惠价格提供

► Free technical consulting and services: Once you have a shredding requirement, HC will provide you with impeccable solution.
 Express and top quality after sale service: available training and mentoring for installation, maintenance and operation

Quick response and solving mechanism

Periodic return visits and timeless free Technical support

Spare parts: adequate spare parts offered at favorable price