



环创科技官方服务号



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 Solidwaste shredding solution **餐厨垃圾破碎分离制浆机**
Kitchen Waste Crushing, Separating, Pulp Making Machine

环创(厦门)科技股份有限公司
HUANCHUANG(XIAMEN)TECHNOLOGY CO.,LTD



面对人民生活水平的提高，饮食，餐饮等各类废弃物日渐增多，为了使餐厨垃圾的有效回收、分离和利用，环创公司借鉴欧洲技术研发出新型的餐厨垃圾破碎分离制浆机。创造性地应用自动分离和水解除渣技术，实现了餐厨垃圾中可降解有机质与其它物料的高效分离，避免了厌氧反应器底部无机质沉积和顶部结盖问题，为后续厌氧的稳定运行提供保障。

With the improvement of people's living condition, the food and kitchen waste are increasing as well. To effectively recycle, separate, and reuse the kitchen waste, by studying the European technology, Huanchuang developed the new style kitchen waste crushing, separating, and pulp making machine. It separates the decomposable materials from the other waste high effectively by creatively using the automatic separating and hydrolyze deslagging technology. It successfully solves the deposition of the inorganic substance and the clinging of the top cover, thus provides safeguard for the stable operation of the anaerobism.

产品特点/Product Feature

1.实现无机物分离达95%以上，出料含水率小于30%。柔性破碎技术能够使无机物自动排出，避免无机物被破碎后混入下道工序，减轻了下道工序的负担。

This machine's inorganic substance separating rate is more than 95% and the dewatering rate is more than 70%. Besides, it adopts flexible crushing technology, which makes the inorganic substance ejected automatically, thus prevents it from going to the next procedure and relieves the next procedure's processing burden.

2.有机物得到百分百地制浆利用，避免了因无机物分离不彻底造成的浪费。减少了运营企业的损耗，直接降低了运营成本，增加了运营收益。

The organics is 100% used, avoiding waste caused by unthoroughly separating. It reduces the operation cost and increases profits.

3.处理量大，目前已在市场上应用的机型，具备每小时处理15-20吨的处理能力。并且能够根据客户实际的需求，灵活设计制造客户所需要的餐厨垃圾破碎机。

It is of large capacity. The machine we have sold is of 15~20t/h processing capacity. We can tailor customer a kitchen waste processing machine in according with their real needs.

4.智能化控制，更节能，处理效率更高。智能化的控制系统，可以远程控制，并且具备自动记录，自动开机关机，自动监控等功能，并且具备变频调速功能，适应多种工作模式。

It is featured with intelligent control system, energy saving and high processing efficiency. The intelligent control system is able to control the machine remotely, record automatically, start and stop automatically, supervise automatically, and control the speed automatically with frequency converted. It can be adapted into many working modes.

应用领域/Application



餐厨垃圾
Kitchen Garbage



破碎分离
Pulverize & Separate

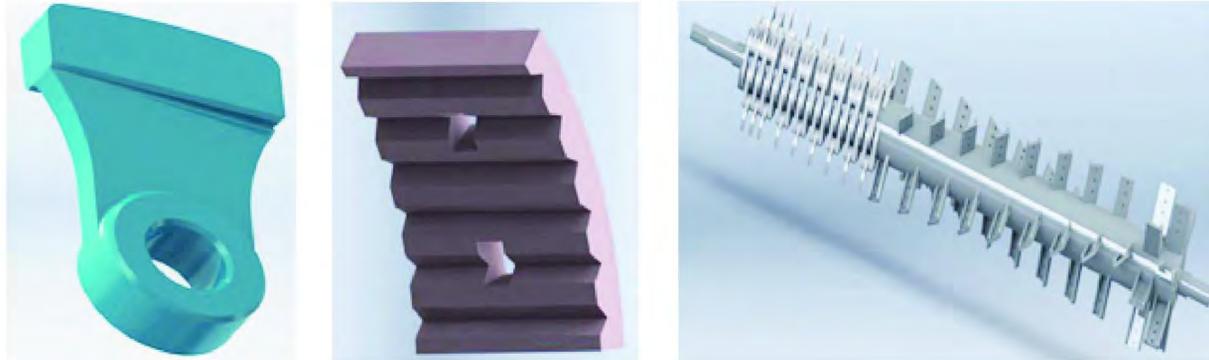


无机物分离
Inorganic substance
after separating



有机物浆液分离
Organic pulp
after separating

主要结构/Main structure



- 锤式破碎区：**锤片材质为高锰钢，根据物料运行轨迹做特殊设计，磨损后可正反互换使用。
 The hammer crushing area: the hammer blade's material is high manganese steel. It is designed in according with the material's movement. The blade can be turned around to use the other side after the other side is worn.
- 螺旋输送分离区：**中间叶片采用螺旋式排布，离心式拍打，物料分离彻底。叶形叶片，根据密度分层排出。
 The screw conveying and separating area: the center blades are arranged in auger type and flapped centrifugally to separate the materials throughly. The blade is in leaf shape. The materials are discharged in according with their density.
- 出料区：**旋转筛网三节组合，便于检修，外部设有毛刷及冲水清洗装置，防止堵塞。
 The discharging area: for the convenience of the maintenance, the rotary screen is in three parts. The outer part is equipped with brush and water washing device to avoid any clogging.

选型指南/Model Table

型号 Model	HCD-23050	HCD-23100	HCD-23150
项目 Item			
处理量Capacity (Tonne/Hour)	5	10	15
破碎区尺寸Shredding Chamber (mm)	1200*600	1750*700	2300*750
主轴转速Rotating Speed (r/min)	620	620	620
主电机功率Main Motor (Kw)	37	45	55
进料粒度Material Feeding Size (mm)	<150*150	< 200*200	< 250*250

注 Note:

- 1、入料最大颗粒尺寸、含水率、杂质成分；
 The max material feeding size, the water rate, and the impurities components
- 2、每小时要求的处理量；
 Required capacity(kg or tonne per hour)
- 3、入料方式。管道连接需提供法兰尺寸，朝向；自由落料需提供落料口尺寸。
 The feeding style. If feed through pipes, please provide the flange size and direction. If it is drop feeding, please provide the material dropping part size.

部分工程业绩/Projects

- 1、广东深圳某环保公司龙岗餐厨垃圾运营中心项目
 A recycling company's kitchen waste processing project in long gang, Shenzhen, Guangdong province.



20吨每小时处理量
The capacity is 20t/h

运行日期：2015年6月
The operating date: in June, 2015

- 2、广州某国家级科研院所
 A national level research institution in Guangzhou



处理量：5吨每小时
Capacity : 5t/h

运行日期：2015.7月
The operating date: in July, 2015

状态：运行正常
Status: operating smoothly