



# 散热器破碎分选设备

RADIATOR CRUSHING AND SORTING EQUIPMENT

加工原料：铜铝水箱、空调散热器、汽车水箱  
 生产能力：1-10t/h  
 成品规格：≤20mm  
 成品质量：分选净度99%  
 加工工艺：撕碎+破碎+分选  
 成品用途：铜铝水箱、空调散热器、汽车水箱的回收再生利用作业

Processing materials: copper aluminum water tank, air conditioning radiator, automobile water tank

Production capacity: 1-10T / h

Finished product specification: ≤ 20mm

Quality of finished product: sorting purity 99%

Processing technology: tearing + crushing + sorting

Purpose of finished product: recycling of copper aluminum water tank, air conditioning radiator and automobile water tank



## 产品用途

PRODUCT USAGE

铜铝散热器破碎分选线将空调、汽车等拆解下来的铜铝水箱进行回收，分选其中的铜、铝、铁。

The crushing and sorting line of copper aluminum radiator recovers the copper aluminum water tanks disassembled from air conditioners and automobiles, and sorts the copper, aluminum and iron.

## 生产线特点

FEATURES

1、本生产线是我公司经多年研究，结合国内外的实际情况，处理流程相比国内外同类生产线技术具有更低的金属损耗，减少破碎的次数，保证物料在最大状态下进行分离，从而降低金属粉末的产生，提高回收效益。

2、初级破碎采用双轴撕碎机，采用两轴对辊设计，具有噪音小，扭矩大，能破碎较大体积的散热器。

3、立式破碎机破碎能力强，一次性破碎可轻松粉碎水箱物料，不需要提前除铁，锤头选用合金材质，使用寿命一年以上。

4、自动化程度高，全线只需要2-3名工作人员。

5、分选采用两级比重分选，提高分选精度，分选出的铜、铁、铝纯度 > 99%。

6、处理过程配置集尘系统，有效的控制了粉尘的溢出。

1. This production line is researched by our company for many years. Combined with the actual situation at home and abroad, compared with similar production lines at home and abroad, the treatment process has lower metal loss, reduces the number of crushing, ensures the separation of materials in the maximum state, thus reducing the generation of metal powder and improving the recovery efficiency.

2. The primary crushing adopts the double shaft shredder, which is designed with two shafts and opposite rollers. It has the advantages of low noise, high torque and can crush the radiator with large volume.

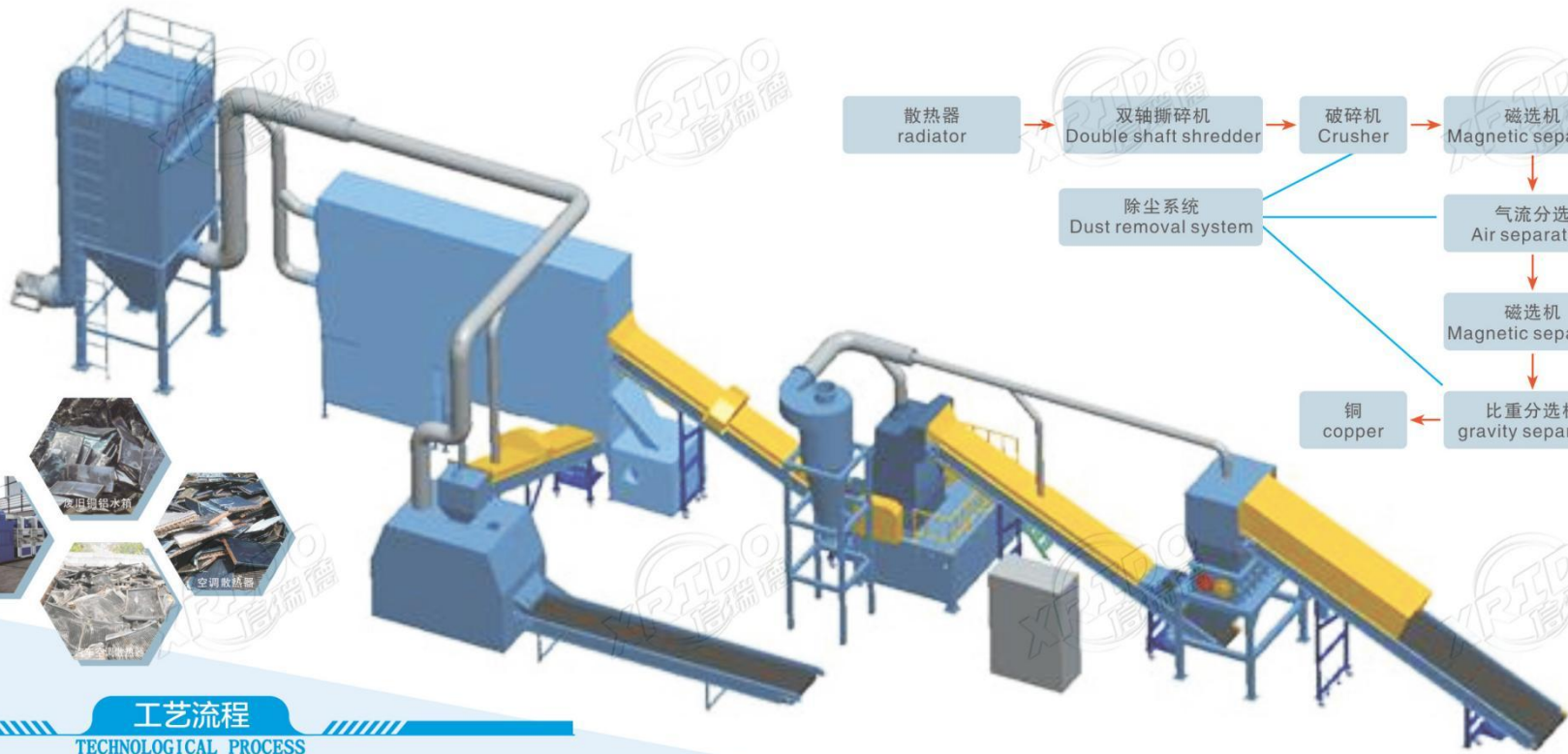
3. The vertical crusher has a strong crushing capacity, which can easily crush the water tank materials in one-time crushing without removing iron in advance. The hammer head is made of alloy and has a service life of more than one year.

4. High degree of automation, only 2-3 staff are needed for the whole line

5. The separation adopts two-stage specific gravity separation to improve the separation accuracy. The purity of copper, iron and aluminum is more than 99%.

6. The dust collection system is equipped in the treatment process to effectively control the dust overflow.





### 工艺流程

#### TECHNOLOGICAL PROCESS

废散热器先经输送机送入双轴撕碎机进行初级破碎，双轴撕碎机将散热器挤压、撕裂，破碎成小块，然后再经输送机送入立式破碎机中进行二次破碎，锤式破碎机将散热器碎片充分解离，并挤压、揉搓成高密度的球团状，破碎后的小颗粒由磁选机将物料中的铁分选出来，剩余的铜和铝进入比重分选机，进行精细分选，分选出剩余的铜和铝。

The waste radiator is first sent to the double shaft shredder by the conveyor for primary crushing. The double shaft shredder compresses, tears and breaks the radiator into small pieces, and then sent to the vertical crusher by the conveyor for secondary crushing. The hammer crusher fully dissociates the radiator fragments and compresses and rubs them into high-density pellets. The broken small particles are sorted by the magnetic separator. After that, the remaining copper and aluminum will enter the specific gravity separator for fine separation to separate the remaining copper and aluminum.

### 成品效果

#### FINISHED PRODUCT EFFECT

