

股票代码 Stock Code: 831512 (新三板)



专注环保 科技创新

Focus on Environment Technology Innovation



环创科技官方服务号

环创(厦门)科技股份有限公司
Huanchuang (Xiamen) Technology Co.,Ltd

公司地址: 福建省厦门市软件园二期观日路22号

邮编: 361008

工厂地址: 福建省厦门市翔安区火炬园二期翔安西路8003号

电话: +86 0592-5029670 5029671 5029672

传真: +86 0592-5029673

网址: www.hcwater.com www.hcsolidwaste.com

邮箱: sales@hcwater.com sales@hcsolidwaste.com

Head Office Add. : No.22 Building,Guanri Road,Software Park II,Siming District,Xiamen City, Fujian Province,China Post Code: 361008

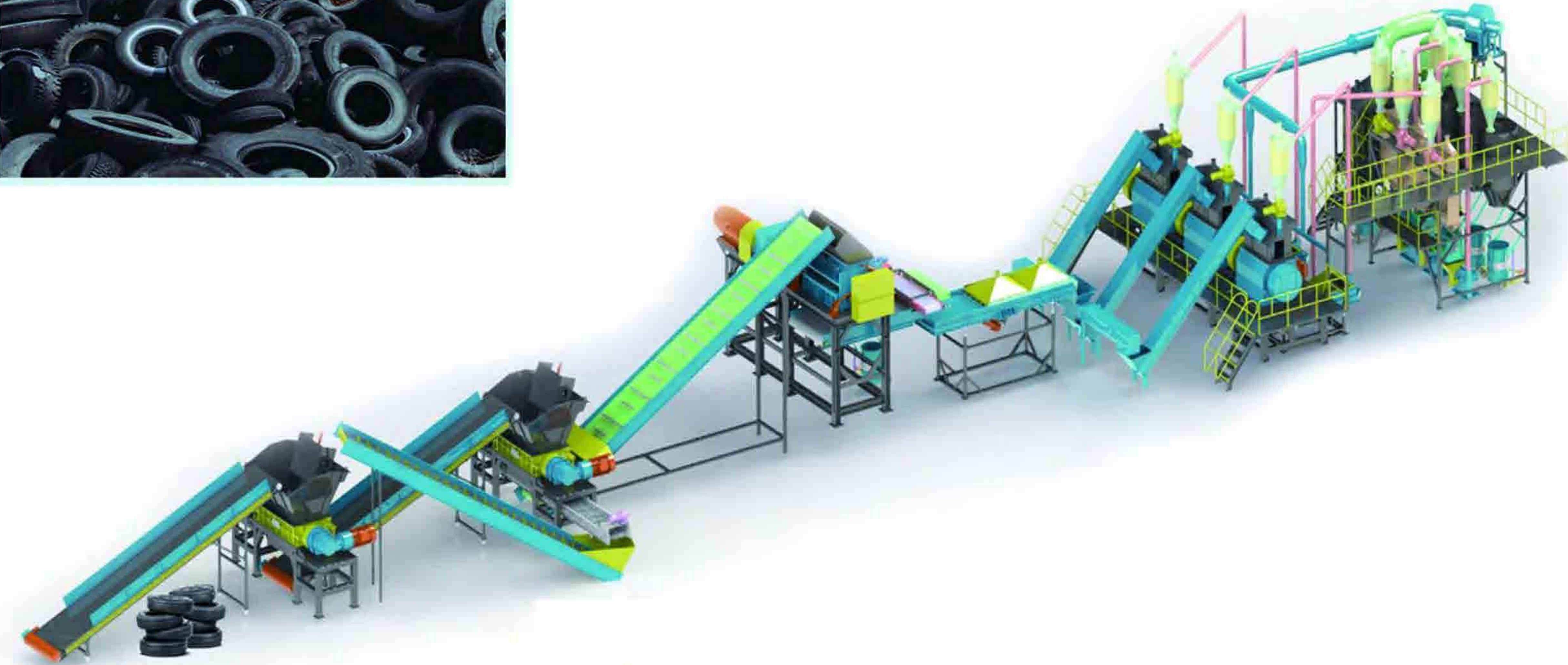
Factory Add. : No. 8003 West Xiangan Road,Torch Industrial Park II,Xiangan District,Xiamen City, Fujian Province,China

TEL: +86 0592-5029670 5029671 5029672

FAX: +86 0592-5029673

Web: www.hcwater.com www.hcsolidwaste.com

E-mail: sales@hcwater.com sales@hcsolidwaste.com



轮胎废钢丝/Tire waste steel wire



轮胎粒子/Tire granule



轮胎粉末/Tire powder



轮胎纤维/Tire fiber

环创 废旧轮胎粉碎分离回收线

Waste Tire Pulverizing, Separating Recycling System



www.hcwater.com www.hcsolidwaste.com

■ 轮胎回收系统

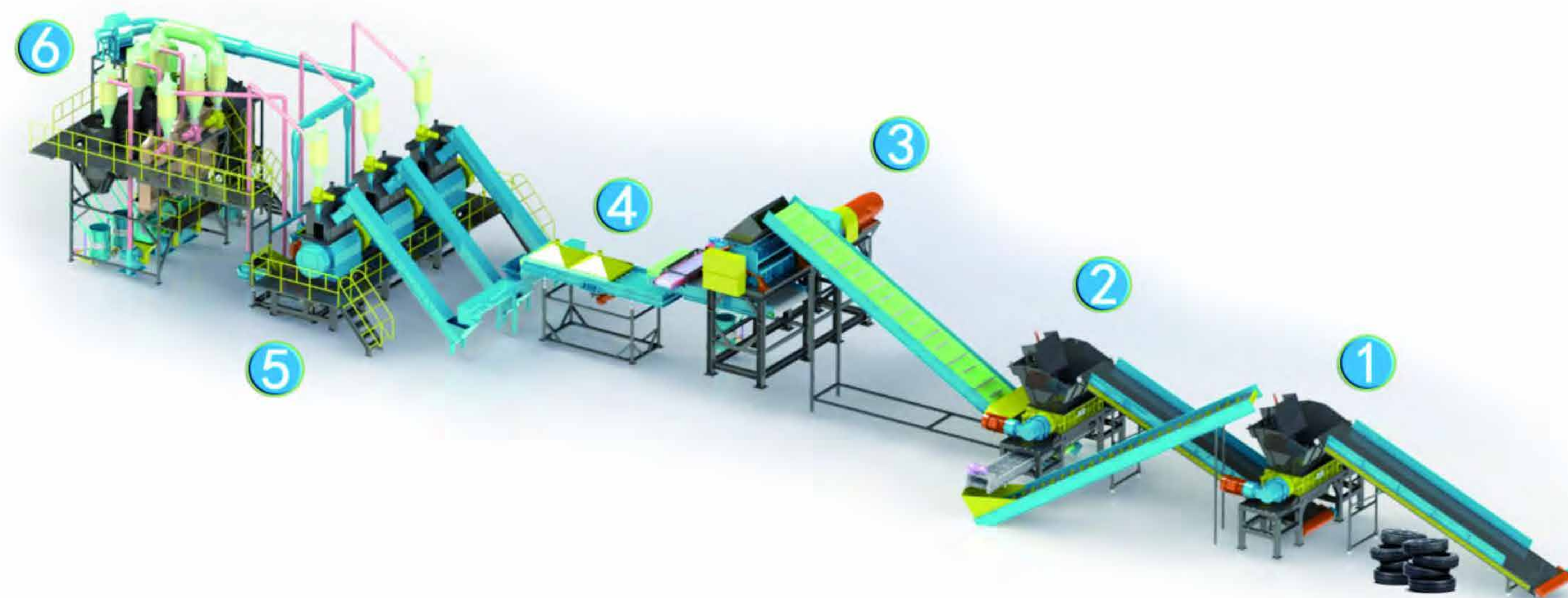
■ TIRE RECYCLING SYSTEM

废弃轮胎对地球环境而言是一个严峻的问题,越来越多的日益增长的交通量导致了废旧轮胎山快速的增加,环创轮胎回收系统因解决这些问题而诞生。

Scrap tires are a severe problem for the Earth environment. The more and more increasing traffic volume results in quick growing tire mountains. HC tire recycling system was born to solve the problems.

凭借全自动化(不需要人工切割带钢丝的胎圈)常温处理的优势并且没有二次污染,该系统是容易被没有特殊培训的操作员使用的。

With advantage of full-automatic (without manual removing tire bead with steel wire) normal temperature processing and non-secondary pollution, the system is easy to access by operators without special training.



1 前撕碎 Pre-shredding



该超级转子是一个有力的撕碎刀具并且有能力处理完整的汽车或者卡车轮胎大概到50-300毫米。

The Supper rotor is a powerful shredding blade and capable of processing complete car or truck tires to approximately 50-300mm scraps.

环创DS双轴撕碎机具有低转速,大扭矩等优点,所有的轮胎在进入撕碎机前,无需去除钢丝胎圈。

HC DS double shaft shredder owns advantages such as low rotating speed, high torque. The tire bead with steel wire will not be removed prior the scrap tire will input into the shredder.

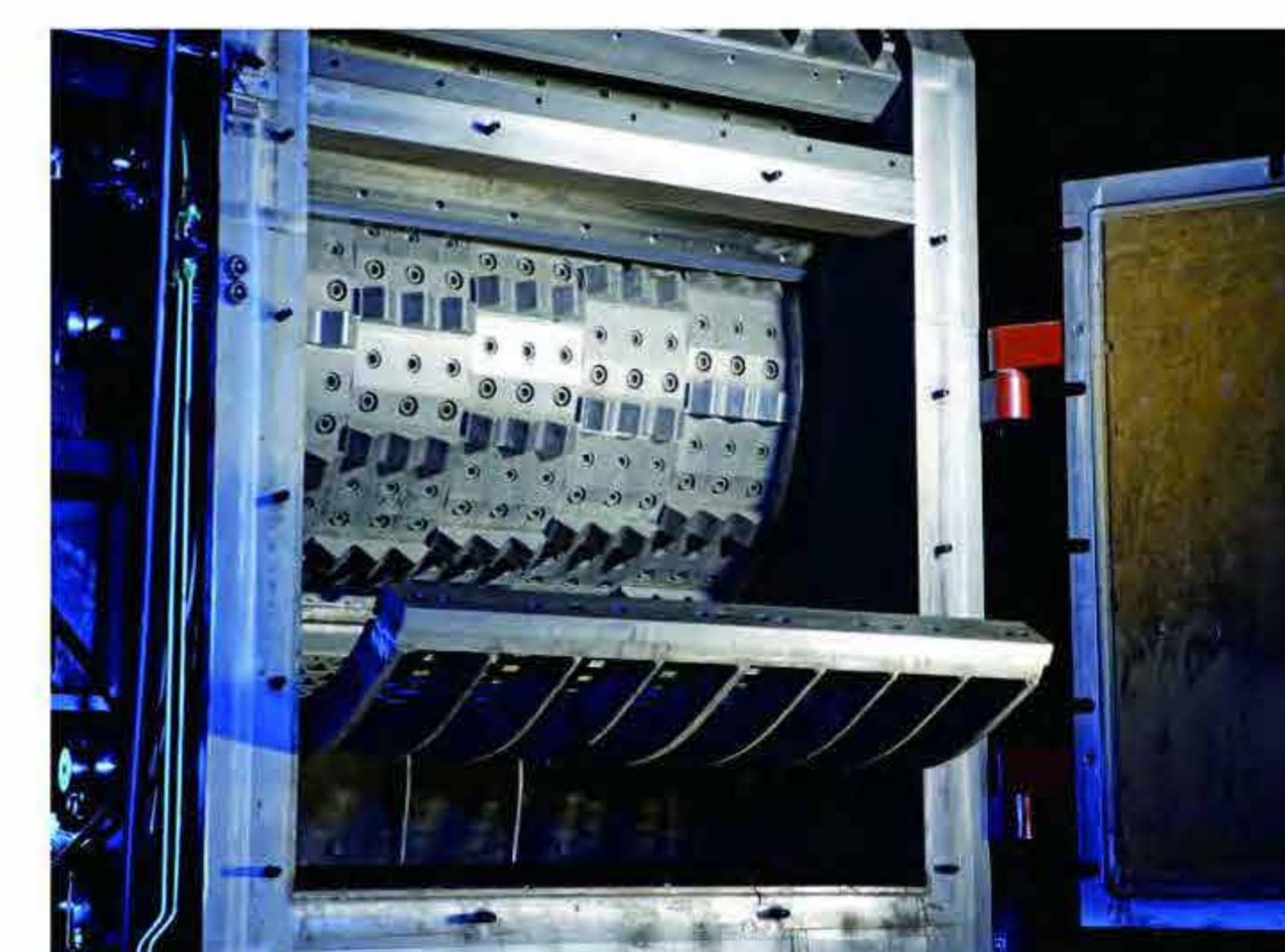
2 二次撕碎 Secondary shredding



把物料进行二次细破碎至30-50mm,为后续钢丝分离机的稳定运行提供更为可靠的保障。

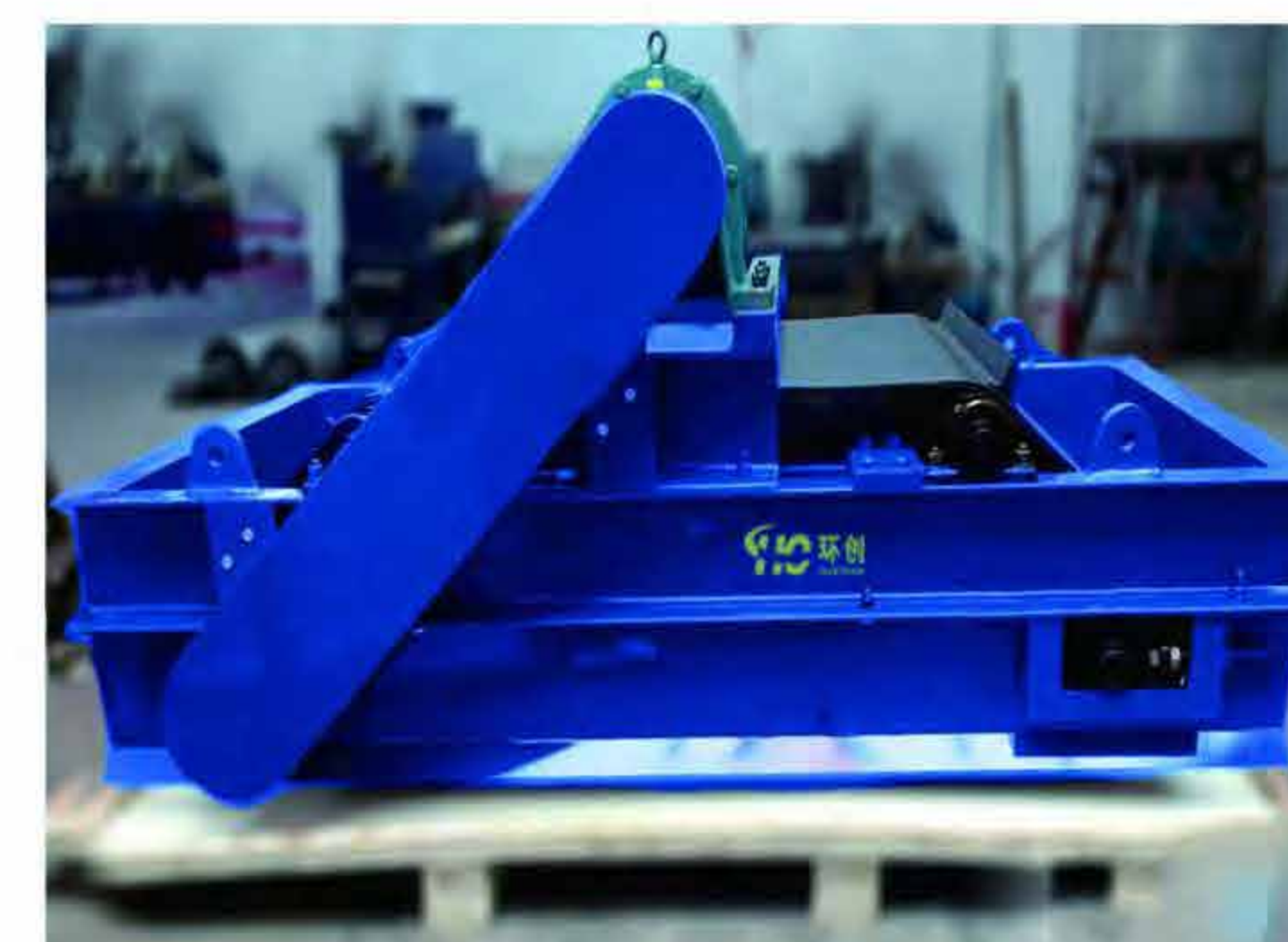
Secondary double shaft shredder will crush the material to fine 30-50mm, it will supply suitable guarantee for subsequent steel wire separation.

3 钢丝分离 Steel wire separation



环创系列带着锯齿刀刃的锉刀是一个强劲的切割机械,该机械适合前撕碎轮胎部分的去除钢丝的二次处理.来自锉刀部分的轮胎能够被用于轮胎衍生燃料。

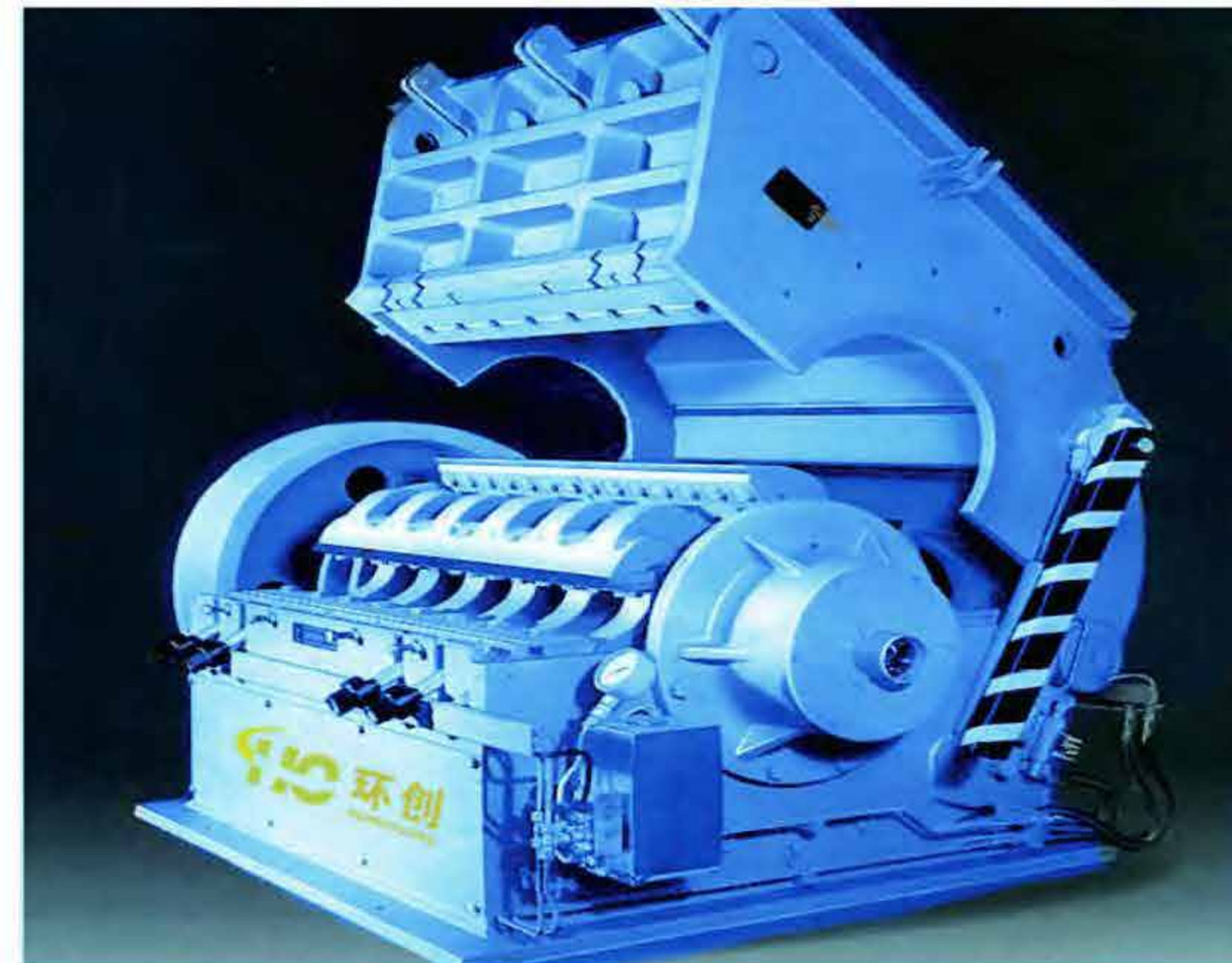
HC series rasps with serrated edged blade are an aggressive cutting machine which is well suited to remove steel wire. The fractions from rasper can be used for TDF(Tire Derived Fuel) 在皮带输送机上的悬挂式磁选机从橡胶中捡起钢丝。由于独一无二的锉刀切割设计,钢丝只附带非常低的污染,并且钢丝很容易进行进一步处理。



在皮带输送机上的悬挂式磁选机从橡胶中捡起钢丝。由于独一无二的锉刀切割设计,钢丝只附带非常低的污染,并且钢丝很容易进行进一步处理。

The hanging magnetic separator on the belt conveyor picks up the steel wires from rubber. Due to the unique cutting design of the rasps, the steel wires take very low rubber contamination which is easy for further processing.

4 精细粉碎机 Fine pulverizer / granulator



环创针对橡胶精细粉碎的带着特别转子的系列粉碎机被设置在尺寸减小的最后阶段。转子的开放式设计使热产生最小化。通过筛网的更换能够设定如愿的尺寸，最小到3mm,如果客户想要更小的尺寸，后续可加磨粉机到小于1mm。

HC series granulators with specific rotor design for rubber fine granulation are set at the last stage of size reduction. The open design of the rotor minimizes heat production. The desired size can be set by changing of screens, the minimum size is around 3mm,if customers want to get more less size, it's possible to add miller to less 1mm.

5 尺寸分类 Size classifying



震动筛分选出为了进一步处理的不同尺寸的橡胶碎屑。大尺寸的碎屑被送回为了尺寸较小的目的再次精细粉碎。震动筛和抽风机相连，一部分确切的纺织物在此阶段被分选出来。

The vibrating screen sort out different size of rubber crumbs for further processing. Oversize crumbs are sent back to the fine pulverizer for size reduction. The vibrating screen is connected to the aspirator. a certain part of textiles are separated at this stage.

6 纺织物分离 Textile separation



变速的Z形分选机适合从多种多样的橡胶碎屑中分离纺织物。

The speed variable zig-zag classifiers are suitable to separate textiles from variety of rubber crumbs.

鼓式磁选机被安装在旋风分离器下面，为了精细钢丝分离保证橡胶的高纯度。一个脉冲除尘器与抽风系统相连接。
The drum magnetic separator is installed under the cyclone separator for fine steel separation to warrant the high purity of rubber. A pulse deduster is connected with the system for aspiration.

最终产品的应用/Application of Final Products

目前，轮胎回收最终产品应用越来越广泛，日益渗入到国民生活的日常生活中。

Currently, the applications of the final product of scrap tire recycling system are more and more, increasingly infiltrated into national daily life.

- 生产机器垫、缓冲垫等各类垫片。
- Producing machine pad, various types of subgrade cushion gasket.



- 生产彩色弹性地砖。
- Producing colorful elastic floor.



- 生产防水卷材、防水涂料、防水密封材料等防水建材产品。
- Producing waterproof coiled material, waterproof coating, waterproof sealing material as building constructional products.



- 用于压制各类鞋底。
- Using to suppress all kinds of soles



- 建造塑胶运动场地、跑道，人造草坪。
- Building the construction of sports venues, the plastic runways, artificial turfs

