

JIABAO SMART TECHNOLOGY

固废分选压缩打包设备

**Sorting, Compressing and Baling
Equipment for Solid Waste**

关于我们
About Us

ARO I T I S

1995年 - 公司在上海成立, 专注环保及包装设备开发、生产和销售, 拥有Jewel和CSJ品牌。

In 1995 - Jewel was established in Shanghai, specializing in the development, production, and sales of eco-friendly packaging equipment, owning trademarks JEWEL and CSJ.

2004年 - 江苏工厂建设开始, 2006年竣工并验收。

In 2004 - Construction of the Jiangsu factory began, completed and inspected in 2006.

2006年 - 获得多项设计专利, 产品性能卓越。
2007年 - 扩建生产规模, 获“产学研示范单位”奖。

In 2006 - Obtained multiple design patents and achieved excellent product performance.
In 2007 - Expanded production scale and won the "Model of Enterprises, Universities, and Institutions Award".

2012年 - 获得TUV及SGS认证。
2015年 - 投资建立第二工厂, 面积超过30,000平方米。
2016年 - 成立智能压缩设备技术研究中心。

In 2012 - Obtained TUV and SGS Certificates.
In 2015 - Invested in the construction of the second factory, covering an area of over 30,000 square meters.
In 2016 - Established an Intelligent Compression Equipment Technology Research Center.

2012/2015/2016

2006/2007

2008/2009

2004

1995

2008年 - 获ISO9001:2015质量管理体系认证。
2009年 - 产品通过欧盟CE安全认证。

In 2008 - Obtained ISO9001:2015 Quality Management System certification.
In 2009 - Products obtained the CE Safety Certificate from the EU.

2019年 – 产品销往全球120多个国家，服务2000多家企业，提供优质解决方案。

2021年 – 获“专精特新小巨人”称号，液压打包机系列产品被认定为“中国绿色节能环保产品”。

In 2019 – Products sold to over 120 countries and regions, serving more than 2,000 companies with high-quality solutions.

In 2021 – Awarded the "Little Giant of Specialization, Refinement, Peculiarity, and Novelty" title. The Hydraulic Baler series was recognized as "China's Energy-Saving and Environmental Product".

2019/2021

2022/2023

2022年 – 获“江苏省服务型示范制造企业”称号。
2023年 – 获16项发明专利，12项实用新型专利，拥有优秀的团队，提升产品质量。

In 2022 – Awarded the title "Service-Oriented Model Manufacturer" of Jiangsu Province.

In 2023 – Obtained 16 invention patents and 12 new utility patents, with an excellent team that continues to improve product quality.

2017/2018

2017年 – 获高新技术企业和产品认证。
2018年 – 获12项发明专利，52项实用新型专利，3项外观设计专利；新型破碎机和全自动高速套袋机获好评。

In 2017 – Obtained High-Tech Enterprise and Product Certification.

In 2018 – Obtained 12 invention patents, 52 utility model patents, and 3 design patents; the new crusher and automatic high-speed bagging machine received high praise.

2024

2024年 – 全面升级品牌战略，开启新的未来征程。

In 2024 – Fully upgraded the brand strategy and embarked on a new journey into the future.

新征程
New Start.

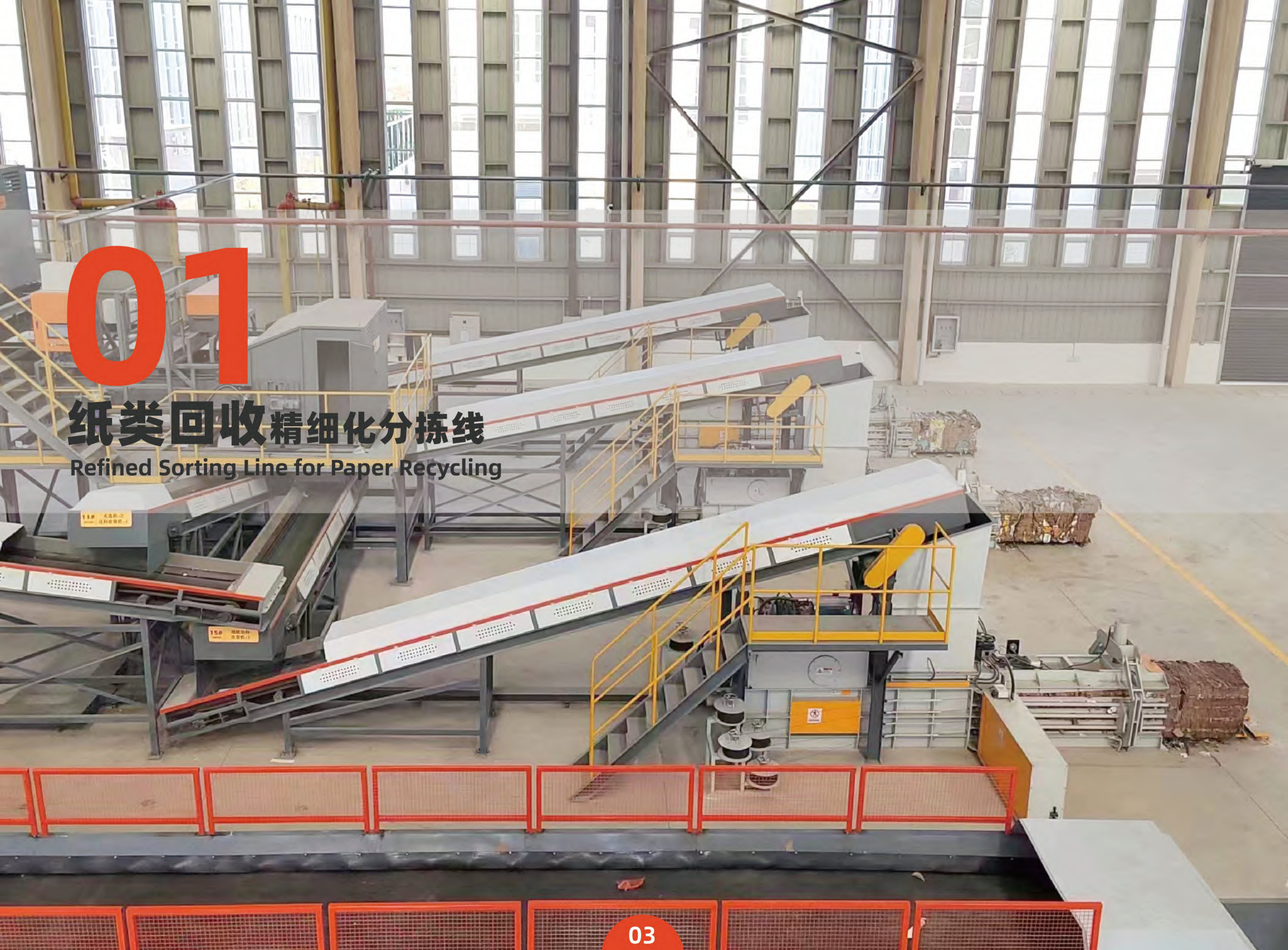


关于我们/About Us

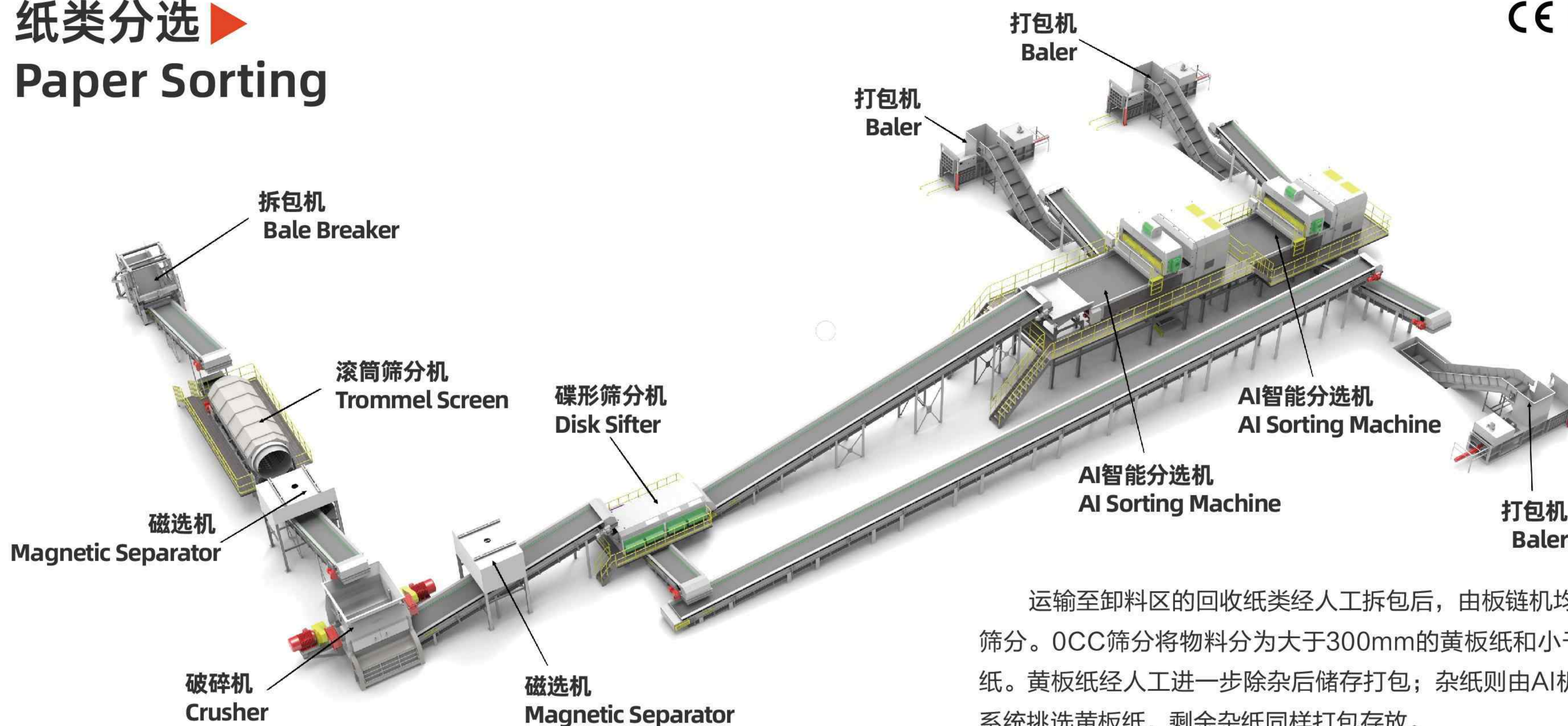
01

纸类回收精细化分拣线

Refined Sorting Line for Paper Recycling



纸类分选 Paper Sorting



运输至卸料区的回收纸类经人工拆包后，由板链机均匀输送至OCC筛分。OCC筛分将物料分为大于300mm的黄板纸和小于300mm的杂纸。黄板纸经人工进一步除杂后储存打包；杂纸则由AI机器人视觉检测系统挑选黄板纸，剩余杂纸同样打包存放。

Recycled paper is manually unpacked, fed into a chain plate conveyor, and sorted by OCC screening into >300mm yellow board paper and ≤300mm miscellaneous paper. The yellow board paper is further sorted and stored for baling; miscellaneous paper is sorted by an AI robot visual inspection system, with the residue also baled.



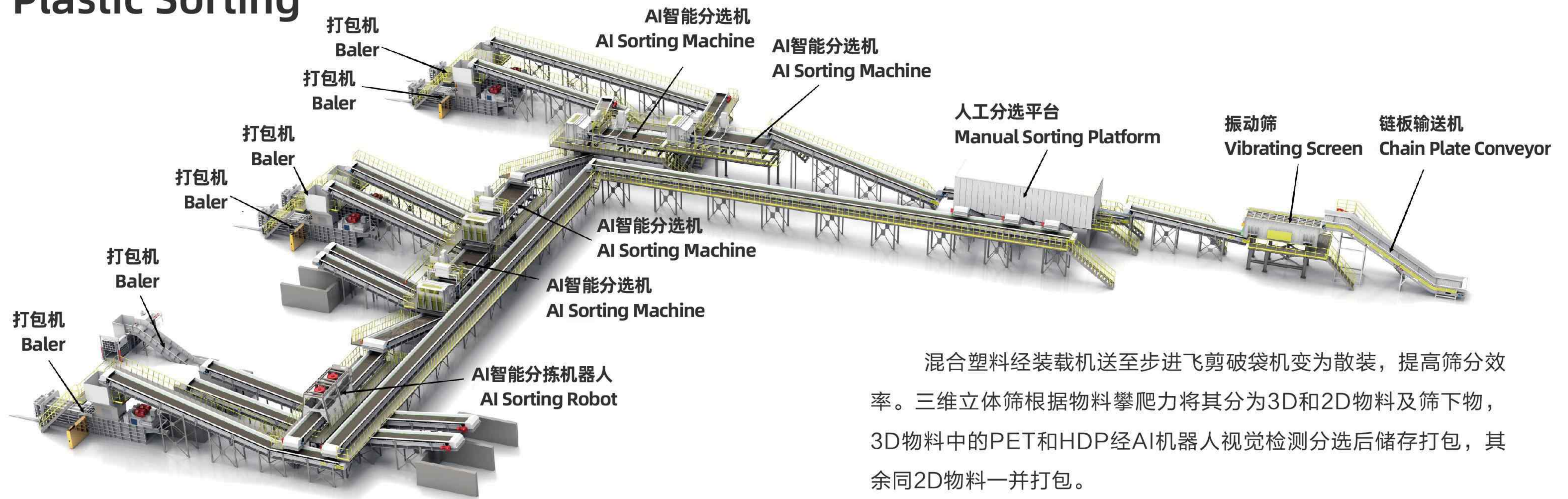


02

塑料类回收精细化分拣线

R Refined Sorting Line for Plastic Recycling

塑料类分选 Plastic Sorting



混合塑料经装载机送至步进飞剪破袋机变为散装，提高筛分效率。三维立体筛根据物料攀爬力将其分为3D和2D物料及筛下物，3D物料中的PET和HDP经AI机器人视觉检测分选后储存打包，其余同2D物料一并打包。

Mixed plastic is fed into a bag-breaking machine, becoming bulk material, which improves the efficiency of subsequent sorting. A 3D screen sorts the material based on climbing force into 3D and 2D materials and underflows. 3D materials like PET and HDP are identified and sorted by an AI robot, then stored and baled, along with the remaining materials.





03

生活垃圾可回收物分拣打包系统

Sorting and Baling System for Recyclable Domestic Waste

纺织品 Textile



分拣
Sorting



打包
Baling

EPS泡沫类 EPS Foam



粉碎
Crushing



冷压
Cold Pressing

玻璃制品 Glass



清洗
Cleaning



分拣或粉碎 (颜色)
Sorting or Crushing (Color)



有毒有害类 (电池等)



Toxic and
Harmful
(Battery,
etc.)



04

建筑装修垃圾分拣线

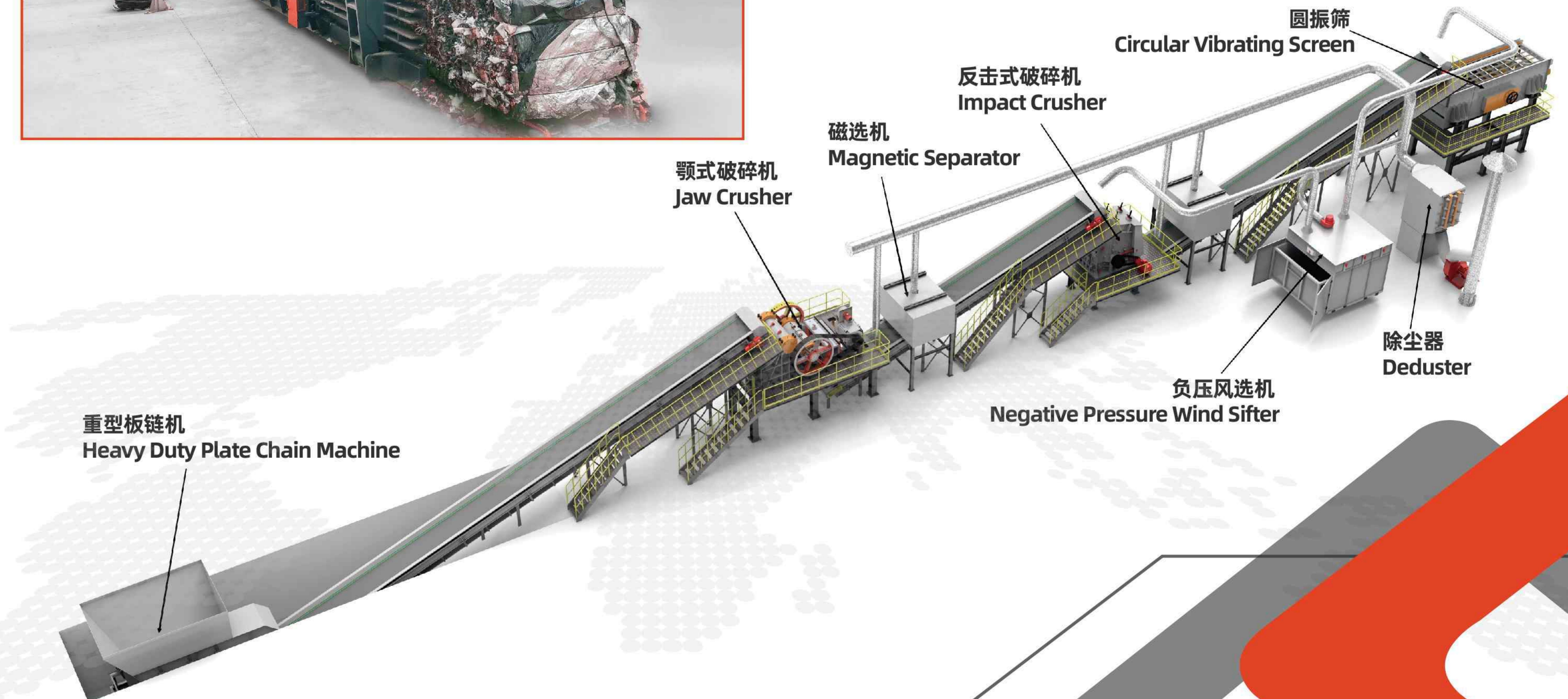
Sorting Line of Construction and Decoration Waste

建筑装修垃圾分选 Sorting of building decoration waste



工业、建筑及装潢垃圾中的轻物质需压缩打包以降低成本，可燃物用于焚烧，可回收物如纸类和塑料袋重新利用。

Light materials from industrial, construction, and decoration waste are compressed and baled to reduce costs and for incineration. Recyclable materials such as paper and plastic bags are reused.





05

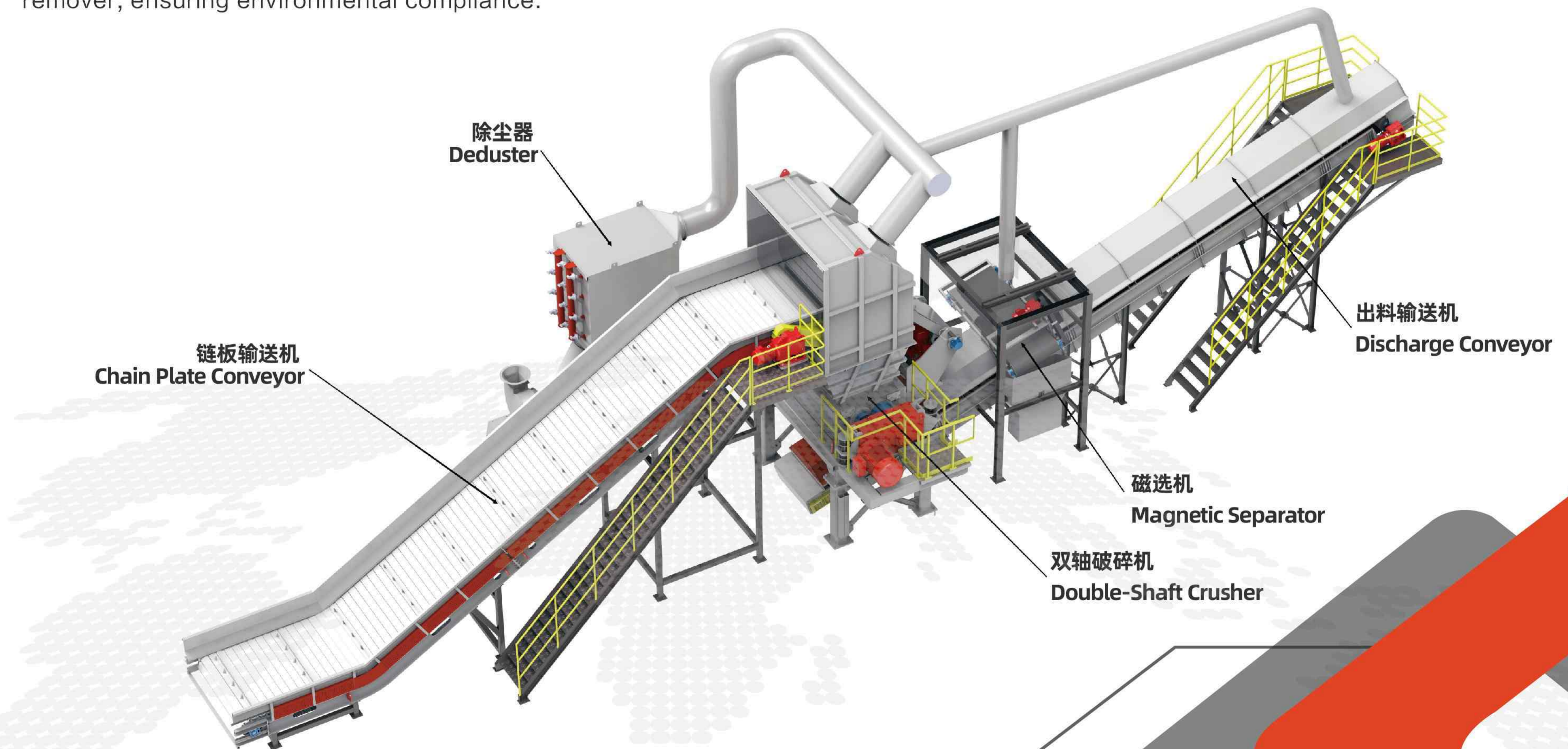
大件垃圾回收分拣生产线

Recycling and Sorting Line for Large-Scale Waste

大件垃圾回收分选 Sorting of large garbage collection

Large items like furniture are processed through a crusher, separating into heavy and light materials. The light materials are further crushed into RDF fuel, while heavy materials like metals and wood are recycled or reused. Dust is collected by a dust remover, ensuring environmental compliance.

大件垃圾如家具由链板输送机送至破碎机，分为重和轻物料。轻物料细碎后制成RDF燃料，重物料如金属和木料分别回收和再利用。产生的粉尘由除尘器处理，符合环保排放标准。



06

固废压缩打包设备

Solid Waste Compression Baler



卧式半自动打包机 ▶ Horizontal Semi-Automatic Baler



适用各种卡纸类、塑料类、纤维、海绵、布料等多种常规物料压缩打包；广泛应用于各类工厂、回收处理等行业。闭口式左右开关门结构，使包块压缩更结实。高强度出包门，液压锁门，操作安全便捷。PLC程序控制，电动按钮操作，自带加料检测，自动压缩。打包长度可设定，且设有捆包提醒装置。

The Horizontal Semi-Automatic Baler is suitable for conventional materials like paperboard, plastic, fiber, sponge, cloth, etc. It is extensively used in various types of factory and recycling industries.

The close-type left-and-right door structure helps to achieve the highest bale density. The high-strength out-bale door with hydraulic locking function ensures a safe and easy operation process. PLC program. Electronic button interface. Feeding detection. Automatic compression. It also has the capability of producing bale in designated size and includes a baling reminder device.



卧式半自动打包机 ▶ Horizontal Semi-Automatic Baler



闭口式液压上下提升开关门结构，一次性出包，出包后无需及时移包。高强度出包门，双缸自动开关门装置，安全可靠。PLC程序，电动按钮控制，操作简单，自带加料检测，自动压打包，长度可设定，且设有捆包提醒装置。

The Horizontal Semi-Automatic Baler features closed hydraulic up-and-down lifting door structure. With one-time out-bale, there is no need to move the bale when it is coming out.

Having high strength out-bale door, it is safe and reliable with double-cylinder automatic door device. The electric button control connected to PLC program offers easy operation. It also has self-contained feed-ing detection and automatic compressing and baling. Length can be set, and there is a baling reminder device.



卧式全自动打包机 ▶ Horizontal Full-Automatic Baler



卧式全自动化机型，分为自动铁丝捆包和塑钢绳（PET）捆包，广泛应用于废纸、纸板、塑料、布料、纤维、生活垃圾等材料的压缩打包，可配套流水线、风管送料等使用方式。

The tying mechanism of a horizontal automatic baler includes automatic iron wire strapping and PET strapping. It offers a combination of features to meet the recycling needs, and is popularly used in the recycling of waste paper, cardboard, plastic, fabric, fiber, household garbage, and the like. Connection with a conveyor or air pipe line for waste feeding is available.

卧式全自动打包机（闭口式）▶ Horizontal Full-Automatic Baler (Closed-Type)



带门式卧式全自动打包机，自动压缩打包。广泛应用于塑料、纤维、垃圾等行业。采用闭口式上下开门结构，使包块密度更高，包型更佳。特殊的出包装置，安全牢固。连续加料、压缩、自动捆包，效率高。故障自动诊断、显示，提高检测效率。

The Horizontal Full-Automatic Baler (Closed-Type) is widely used in the recycling for plastics, fiber, garbage, and other industries.

It features a unique hydraulic up-and-down two-doored structure to secure the high density of the bale and to satisfy the requirement for the shape of the baled material.

Automatic tying function, the bale delivery design, continuous feeding and compression system serve to maximize efficiency. It is also equipped with error diagnostics and display function to ensure seamless operation.

双压头压缩打包机 ▶ Twin-Ram Compression Baler



双压头压缩打包机广泛应用于各类纸张、塑胶薄膜、铁罐、铝罐等材质。采用主缸压缩、侧缸推出的原理，可适应不同材料。采用进口铁丝捆扎系统，稳定可靠，可设定捆扎线数及间距。专业的人机界面，可根据不同材料设定操作模式。

The Twin-Ram Compression Baler is widely used in recycling for paper, plastic film, tin, aluminum cans and other materials. The main cylinder for compression and the side cylinder for pushing work together holistically, which is suitable for compressing different types of material. It adopts tying system using imported wire with customizable feature of tying setting on space and lines. It has professional and digital control interface with wide selection of modes for various materials.

中型立式打包机 ▶ Medium-Sized Vertical Baler



适用于废纸、塑料、纸盒纸箱、废物等常规物料的回收压缩打包，型号选择性较强；适合各种中外企业、物流及超市行业使用。

U型平衡装置，避免因加料不匀而发生意外。投料口采用上下移动式，自动开门，方便投料。安全联锁，自带翻包系统。

加料腔采用防止物料反弹装置，大大节省加料时间。优质的零配件，保证设备的使用寿命。

It is designed for the compressing and baling of waste paper, plastic, cardboard, cotton, and many other recycling applications. A broad model selection available to meet your exact recycling requirements, suitable for different enterprises such as logistic companies and supermarkets.

U-shaped pressing balance system ensures precise compression and addresses the issues caused by uneven material feeding.

The material input area uses an up-down automatic door design makes the feeding operation extremely easy. Safety interlock with bale ejection function, and bounce prevention design in the chamber tremendously improve the feeding efficiency. High-quality components and structure greatly extend the machine's lifespan.



大型立式直角开门打包机 ▶ Large-Sized Vertical Two-Sided Door Opening Type Baler



广泛应用废塑料（硬质塑料、软塑料）、纤维、海绵等行业；以及需“井”字捆扎的物品压缩打包。

该机器使用双缸平衡压缩，特殊的液压系统，动力更稳定；高负荷结构，自动翻包装置，安全可靠；采用直角开门式，可进行“井”字打包；压缩腔装有物料防反弹装置。

This model is widely used for compression of waste plastic (both solid and soft), fiber, sponges, and numerous other materials. It is ideally used for waste required to be compressed and strapped as "#" shape.

Double-cylinder balance compressing system and the special hydraulic design ensure steady and balance compression. It is capable of handling the large load with automatic out-bale feature while improving safety and reliability. This model has a ninety-degree door opening design with chamber anti-rebound device, it can meet the requirement of "#" shape strapping.

大型立式四面开门打包机 ▶ Large-Sized Vertical Four-Sided Door Opening Type Baler



适用于硬质塑料、PET瓶、干草、纤维、海绵、服装等反弹力较大的物品压缩打包，也适合需外包装套包的产品。

大型立式机型，四边开门设计；该机器使用双缸平衡压缩，特殊的液压系统，动力更稳定；高负荷结构，安全可靠；采用四边开门式，可进行“井”字打包，也可在捆包前对包块进行外包装，内腔可装防反弹装置。

This model is designed for pressing and packaging materials with higher rebound force including rigid plastics, PET bottles, hay, fibers, sponges, cloths and others.

Heavy-duty vertical hydraulic baler with double-cylinder balance compressing design, and extraordinary hydraulic system to provide continuous stable force during compression. It generates greater compression force to bale larger loads. Four-sided opening style with "#" shape strapping capability allows the materials to be packaged before strapping. Chamber anti-rebound device can be optionally installed.

佳宝荣誉 Jia Bao Honor

江苏省服务型制造示范企业

Jiangsu Province Service-oriented Manufacturing Demonstration Enterprise

江苏省“专精特新小巨人”企业

Jiangsu Province 'Specialized, Fine, New, Small Giant' Enterprise

江苏省“高新技术产品认定证书”

Jiangsu Province 'High-tech Product Certification'

国家级“高新技术企业”

National 'High-tech Enterprise'

江苏省工程技术研究中心

Jiangsu Province Engineering Technology Research Center

获质量管理体系认证证书 ISO9001:2008

ISO9001:2008 Quality Management System Certification

获质量管理体系认证证书 ISO9001:2015

ISO9001:2015 Quality Management System Certification

获环境管理体系认证证书 ISO14001:2015

ISO14001:2015 Environmental Management System Certification

获瑞士“SGS”检测认证供应商

Swiss 'SGS' Testing and Certification Supplier

获德国“TUV”安全认证

German 'TUV' Safety Certification

获欧盟“CE安全体系认证”

European Union 'CE Safety System Certification'



纸类

塑料类

固废类



建筑垃圾

大件垃圾

生活垃圾



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