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固废处理方案设备及回收技术供应商

撕碎机 | 破碎机 | 回收系统

Turnkey solutions to solid waste management

Shredder | Crusher | Recycling Systems



威斯肯环保有着人类社会最光荣的使命，同时也有为人类社会服务的宗旨。

#### 企业使命

为固废回收处理企业增效降本,为世界环保事业添注能量。

通过科技创新改善人类环境和生活。

#### 企业愿景

愿将自身打造为世界顶尖的废旧物料回收设备创新者。

Wiscon Envirotech is proud to provide innovative recycling solutions that contribute to a more sustainable future while helping to enhance the quality of people's living standards.

#### Mission

To protect our environment and improve our everyday life through technological innovations.

#### Vision

To become the world's leading innovator of recycling equipment.

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文穗创立于1990年，是国内领先塑料辅助设备和环保设备的提供商，致力于成为客户生产向自动化、智能化、环保方向发展的合作伙伴。文穗集团拥有三十余年的设计开发能力、国际领先的加工制造设备以及遍布国内外的营销服务中心。

Founded in 1990, Wensui Group is a leading provider of plastic auxiliary and recycling equipment. With the aim of developing technological advanced and sustainable solutions for each and every customer, Wiscon has always been providing state-of-the-art machines while growing a strong global presence.

文穗集团



旗下公司

## A Member of Wensui Group

文穗集团旗下威斯肯公司作为固废回收前端环保设备领导者，是同加拿大威斯肯公司合作，合资成立的广州市威斯肯环保科技有限公司，广州威斯肯在国内成功研发出固废环保再生系列设备，致力于提供固体废物回收利用的一站式整体解决方案。可根据物料特性，处理各式各样的生活垃圾和工业垃圾，针对性地为客户提供一对一的方案。

威斯肯先后成为“中华环保联合会理事单位”、“中国环境科学学会理事单位”、“紫光集团新华三智能机器人合作单位”、“广东省环境保护产业协会会长单位”。我们将一如既往持续推动世界环保行业向前发展，以最优化的固废解决方案开创未来。

As a member of Wensui Group, Wiscon Envirotech Inc. specializes in solid waste management and recycling equipment. The Wiscon product line ranges from shredder and granulator to complete recycling systems for municipal and industrial waste. We also design and execute large projects upon request.

Wiscon is committed to ongoing development of waste management, and we envisage to be a long-term trusted partner with our customers.



## 为什么选择我们?

## Why Choose Us?

### 高输出

Wiscon标志着机器最佳状态的连续运行和稳定性能。

### 能源效率

系统自动预防机器空转和过载，我们只采用节能电机，为您节省能耗。

### 可靠性

安全系数高，关键部件**100%自制**。

### 供货情况

**0天**交货期，大部分撕碎机和破碎机均有现货，除非是定制的系统解决方案。

### 方便安全的操作

需要最少的操作人员。多个安全开关触手可及。

### 优质部件

配套的机械配件和电气元件都是值得信赖的品牌，是我们长期的合作伙伴。

我们多元化的产品线适用于固废回收、塑料生产和替代燃料行业。Wiscon经营着一个测试中心，在这里您可以亲眼目睹第一手试机，使用您自己的原材料，我们的产品效率。

### HIGH OUTPUT

Wiscon marks continuous operation and stable performance at their best.

### ENERGY EFFICIENCY

System auto-stops for machine idle by adopting energy efficient motors only.

### RELIABILITY

High safety factor and key parts are 100% self-manufactured.

### AVAILABILITY

Zero lead time for shredders and crushers unless customized-made system solutions.

### CONVENIENT & SAFE OPERATION

Minimal number of operators is required. Multiple safety switches are within arm reach.

### QUALITY PARTS

Mechanical and electrical components are sourced from trusted brands.

Our diverse product line is applicable in recycling, plastic production and alternative fuel industry. Wiscon operates a trial test centre. To demonstrate Wiscon's product quality and efficiency, we encourage customers to bring their own materials and witness first-hand material testing on our site.

## 装备与实力

### Equipment and R&D Strength

#### 国际先进加工装备

2018年，文穗集团投入3500万，引入了新的一体化生产车间，并购置国外前沿生产设备，如：西班牙尼古拉斯立卧加工中心、日本田中激光切割机、韩国斗山数控镗床以及国内技术领先的台湾重切削车铣复合加工中心、江苏数控折弯机和杰然立式加工中心等行业领先的机器设备，在原有的德国通快激光机，激光切管机，数控钣金全套生产线，CNC加工中心等设备的基础上配合使用，更大大提升产品品质和生产效率。

#### CUTTING-EDGE MACHINE TOOLS

Precision manufacturing processes have gained much prominence in status quo of fabrication. Thus, Wensui Group invested 35 million on workshop renovation and machine tools. We only utilizes first-class machine tools, such as, CNC machine from Spain, Lathe machine from Taiwan, Flame cutting machine from Japan and Germany, Gantry machining center and Boring machine from Korea. From carefully selected materials to scrupulous care of all production phases, we gain the highest level of satisfaction by producing and delivering the best state-of-the-art machines to every customer.

#### 行业顶尖研发实力

汇集行业高端专业人才,掌握关键核心技术，智能制造软件自主开发、自动控制系统集成和成果转化率高，校企联合，配备实训中心，筹建智能制造实验室和企业技术实训中心。形成行业产学研结合的技术联盟和示范中心。

#### ADVANCED RESEARCH AND DEVELOPMENT

To build a professional team, master core technology and develop software and control system, we maintain a strategic cooperation with laboratories and research institutes at home and abroad. Both Wensui and the academia are utterly benefited from the connection among Industry-University-Research.



### 创新灵活 技术突破 Innovative Technological Breakthrough



赋予固废生命力  
Vitalize waste



# 小型单轴撕碎机

Single Shaft Shredder - P Series



## 通用可靠，不打折扣的经济性

All-round & reliable without compromise

P系列单轴撕碎机应用于各行业中小型物料的细化和废料回收，主要处理高硬度、高韧性的胶头料、塑料制品、木材、工业废纸等，撕碎后的颗粒尺寸均匀。该系列撕碎机转速低、扭矩大、结构紧凑，在恶劣的工业环境下使用能保持稳定性和耐用性。Wiscon独有的筛网结构与动刀排布可以根据物料特性进行选配。

The P series of single shaft shredder can downsize **small to medium sized materials and waste recycling** in various industries. It mainly processes plastic lumps, wood, and paper wastes. By featuring low speed, high torque, and a compact structure, the materials obtain an uniform particle size after shredding. If the machine is used in a harsh industrial environment, it can still maintain stability and reliability. Depending on the material characteristics, Wiscon's unique screen and different types of knife are available for pairing for a more effective performance.

### 应用范围 | Applications

- 塑料胶头，塑料管材，塑料板材，PE薄膜，PP编织袋，PET瓶，工业废纸，木托盘，电路板，铝型材，铜型材，电线电缆等。
- Plastic lump, plastic pipe, plastic sheet, PE film, PP woven bag, PET bottle, industrial waste paper, wood pallet, circuit board, aluminum material, copper material, wire, cable, etc.



## 性能特点 | Features

- 自动过载保护功能，避免机器严重过载和卡死。
- 主要的电气控制元件采用西门子和施耐德等国际品牌。
- Auto-reverse system re-oriens rotor direction when motor overload & material jam.
- Main electrical components are trusted brands such as Siemens and Schneider.



搭配破碎机和输送带，可组成简易破碎线。  
Integrating with crusher and conveyor to set up a shredding system.



动刀采用DC53合金，定刀采用D2合金。  
Rotary knife adopts DC53 steel, counter knife adopts D2.  
动刀可对角使用后再更换。  
Rotary knife can be used twice before replaced.



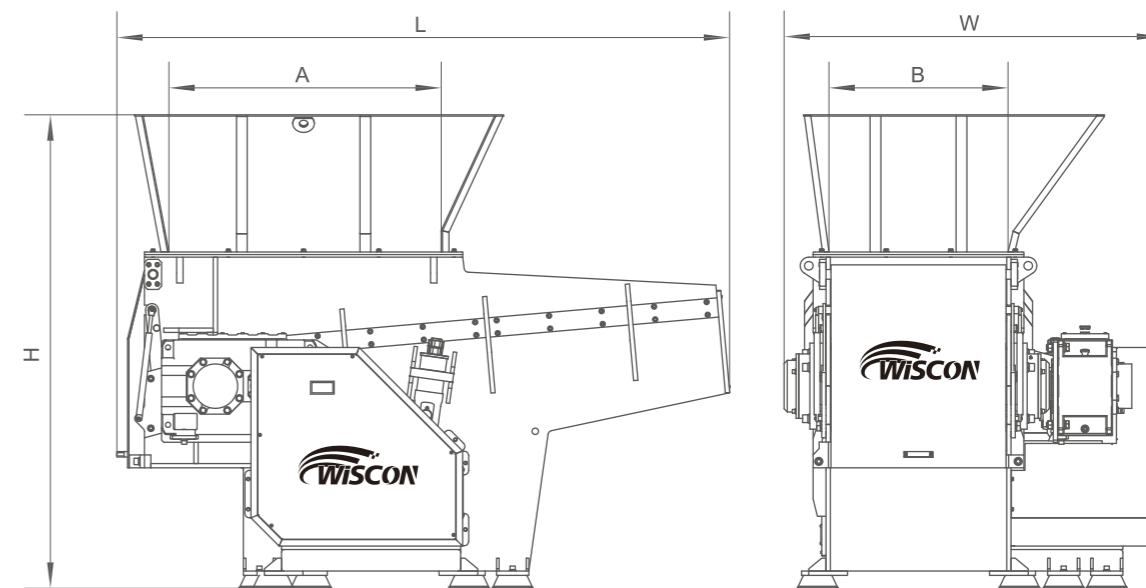
推料箱采用斜面设计，减少滞留物料。  
Slanted pusher eliminates residues.  
导向条寿命长，平稳推料，破碎室密封性好。  
Durable guide rails ensure smooth pushing and introduces material to rotor.



筛网孔径决定出料尺寸，尺寸可选20-40mm。  
Screen opening determines output particle size that is customizable between 20-40mm.  
有多种筛网可选，针对薄膜和编织袋。  
Multiple screens particularly optional for challenging materials films and knitted bags.



应用范围广，出料均匀。  
Versatile applications and continuous operation.  
整体结构坚固，经过时间考验。  
Solid construction with proven technology.



## 技术参数 | Specifications

项目 Item/型号 Model	P260	P380	P3100	P3120	P3150
入料尺寸 A×B Crushing chamber (mm)	500×580	850×800	1000×1200	850×1200	850×1400
刀辊直径 Rotor diameter (mm)	250	400	400	400	400
动刀数量 Rotor knife qty (pcs)	26	38	52	58	82
定刀数量 Counter knife qty (pcs)	4	4	8	6	6
筛网孔径 Screen opening (mm)	Ø40	Ø40	Ø40	Ø40	Ø40
主机功率 Motor power (kW)	18.5	37	45	55	75
液压站功率 Hydraulic station power (kW)	1.5	3.7	3.75	5.5	5.5
外型尺寸 L×W×H Dimension (mm)	1760×1300×1850	2850×1760×2210	2850×1960×2220	2850×2560×2330	2850×2760×2330
最大产能 Maximum output (kg/h)	500	1200	1600	2000	2200
整机重量 Weight (kg)	1750	4150	4308	5300	5900

备注：最大产能为非ABS胶头，带40mm筛网口径的测算；

The maximum output is tested based non-ABS purgings with 40mm screen opening.

产品规格若有变更，恕不另行通知。We reserve the right to change specifications without prior notice.



# 重型单轴撕碎机

Single Shaft Shredder - M Series



## 独特结构，高效产出

### Unique structure design with high output

M系列单轴撕碎机配有加长型的破碎室和高速驱动，满足您对产能和出料尺寸的严格需求。广泛用于减容各类大型废弃物以及工业垃圾的资源化，产量可达**15吨每小时**。

内置圆弧形的摆臂装置使其在运行过程中达到平稳推料和零泄漏。该设备背面为翻盖设计，正面设有敞开式维护门，实现机械内部可视化和方便维护。

M series, a heavy-duty single shaft shredder with an extended shredding chamber and a high-speed drive to fulfill your requirements of capacity and size control. For downsizing voluminous industrial waste, it achieves up to **15 tons per hour**.

The arc swing arm delivers infeed materials to the rotor smoothly without residues. Service doors located at the rear and the front to facilitate easy servicing.

### 应用范围 | Applications

- 散装或者压包后的塑料瓶、塑料薄膜、皮革、废布、海绵、纸皮等。
- 固体工业垃圾和生产尾料。
- 垃圾衍生燃料（RDF/SDF/SRF）预处理。
- Uncompressed and baled waste, including plastic bottle, plastic film, leather, fabrics, sponge, and cardboard.
- Industrial solid waste and waste from production.
- Preliminary treatment of RDF (refuse derived fuel), SDF (solid derived fuel) and SRF (solid recovered fuel).



工业废弃物 Industrial waste

RDF颗粒 RDF granules

燃烧棒 Burning rods

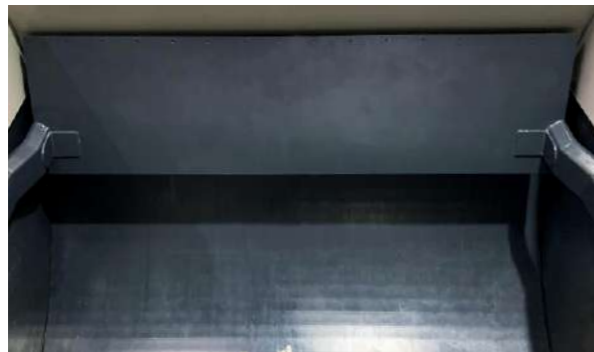
## 性能特点 | Features



独特动刀排布，确保更高的切削频率。  
Special blade configuration ensures more cuts per hour.  
进口高硬度合金刀，使用寿命长，可用两面。  
Blades made of high-strength alloy can be used twice.



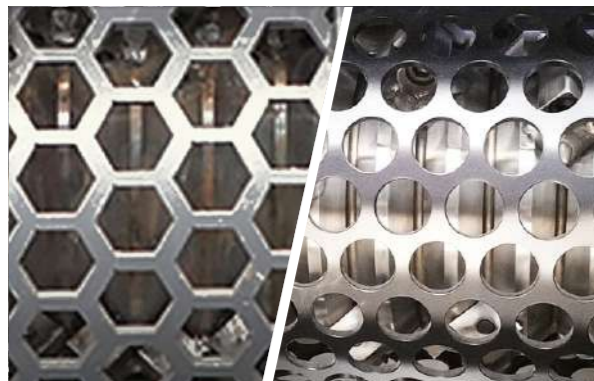
上开式翻盖门，简化维护。  
Upward-lifted service door grants access to the heart of machine.  
独立式强力液压站，油路排布合理。  
Integrated with hydraulic station with well-arranged pipelines.



圆弧型斜坡入料。  
Elliptic infeed pathway.  
送料臂根据物料特性和负载调节自身行程。  
Smart swing arm stroke synchronizes with workload and material composition.



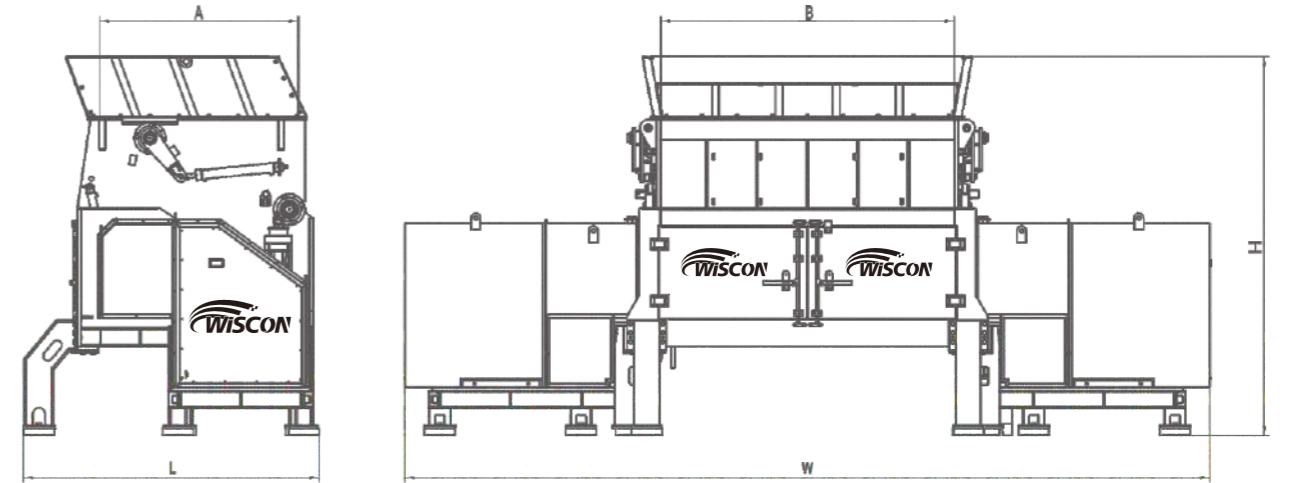
单/双电机高速驱动，自动平衡负载。  
Paired with one/two motors for a high-speed drive with auto-load balancing.



可选圆形/六角筛网，更好把控物料尺寸。  
Standard/Hex screen opening is available for better output size control.  
筛网孔径可定制。  
Customizable screen opening size.  
筛网极易更换，因有液压筛网托架。  
Hydraulic cradle makes screen replacement easy.



负载监测，让撕碎更省心。  
Monitors key parameters of the machine.  
遇过载时，离合器自动脱离，保护动力驱动。  
In case of overload, torque-limiting clutch disengages to protect drive unit.  
可选火花检测、除尘、水冷主轴等功能。  
Optional functions: spark detection, dedust, water-cooling shaft.



## 技术参数 | Specifications

项目 Item/型号 Model	M4150	M4200	M6170	M6220	M8180	M8300
入料口尺寸A×B (mm) Hopper opening	1700×1500	1700×2000	1700×1700	1700×2200	1970×1800	1970×3000
破碎室容积 (m <sup>3</sup> ) Crushing chamber volume	2.5	3.3	2.7	3.6	3.0	5.0
刀辊直径 Rotor diameter (mm)	460	460	600	600	800	800
动刀数量 Rotor knife qty (pcs)	88	118	94	130	106	150
定刀数量 Counter knife qty (pcs)	6	8	6	8	8	12
电机功率 Motor power (kW)	90	110	132	180	220	250-500
液压站功率(kW) Hydraulic station power	5.5	7.5	7.5	11	11	11
外型尺寸L×W×H Dimension (mm)	2550×3750× 2750	2550×4350× 2750	2750×4200× 2900	2750×5640× 2900	2850×5200× 3700	2850×6950× 3700
筛网孔径 Screen opening (mm)	定制 Customizable					
整机重量 Weight (kg)	13000	15500	14500	21000	22000	30000

产品规格若有变更，恕不另行通知。We reserve the right to change specifications without prior notice.

# 大型单轴撕碎机

Single Shaft Shredder - T Series



## 稳定耐用，大肚能容

Sturdy & stable tackling jumbos

T系列单轴撕碎机适用于撕碎特大体积和高硬度材料。强壮的机箱结构，倾斜的推料方式和超大尺寸的机箱，实现了更高和稳定的产出。斜推料和大机箱设计使设备维护保养更加快速便捷。Wiscon 独有的4种刀辊可供选择，使该系列机型产量提高**20%**。

The T series of the single shaft shredder is suitable for processing bulky and tough materials. With strong-welded steel construction, a slanted pusher and an **extra large internal volume**, the effectiveness and efficiency of the shredder are enhanced. The slanted pusher and large interior make maintenance quicker and easier. Wiscon's four unique rotor options increase the output by **20%**.

### 应用范围 | Applications

- 塑料胶头，塑料管材，塑料板材，PE薄膜，PP编织袋，PET瓶，纺织品，工业废纸，木托盘，电路板，铝型材，铜型材，电线电缆等。
- Plastic lump, plastic pipe, plastic sheet, PE film, PP woven bag, PET bottle, Industry waste paper, wood pallet, circuit board, aluminum profile, copper profile, wire, cable, etc.



## 性能特点 | Features

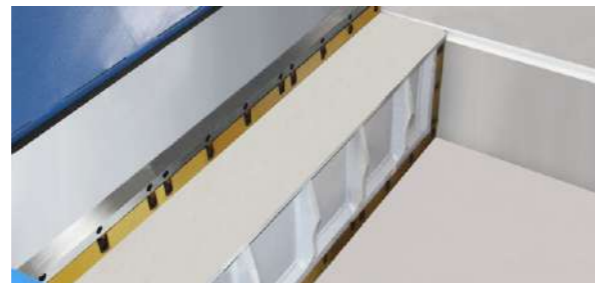
- 自动过载保护功能，避免机器严重过载和卡死。
- 主要的电气控制元件采用西门子和施耐德等国际品牌。
- Auto-reverse system re-oriens rotor direction when motor overload & material jam.
- Main electrical components are trusted brands such as Siemens and Schneider.



搭配撕碎机和输送带，可组成简易破碎线。  
Integrating with shredder and conveyor to set up a shredding system.



动刀采用DC53合金，定刀采用D2合金。  
Rotary knife adopts DC53 steel, counter knife adopts D2.  
动刀可对角使用后再更换。  
Rotary knife can be used twice before replaced.



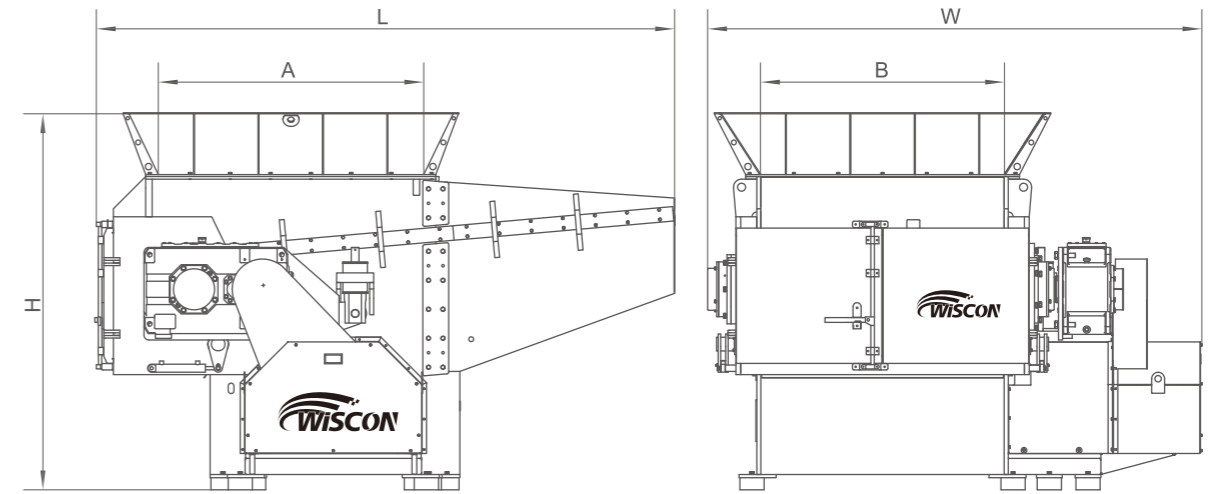
推料箱采用斜面设计，减少滞留物料。  
Slanted pusher eliminates residues.  
导向条寿命长，平稳推料，破碎室密封性好。  
Durable guide rails ensure smooth pushing and introduces material to rotor.



筛网孔径决定出料尺寸，尺寸可选20-40mm。  
Screen opening determines output particle size that is customizable between 20-40mm.  
有多种筛网可选，针对薄膜和编织袋。  
Multiple screens particularly optional for challenging materials films and knitted bags.



加大入料口和撕碎室，容纳更多，更高产量。  
Enlarged infeed hopper and shredding chamber for optimal output.  
整体结构坚固，经久耐用。  
Solid construction with proven technology.



## 技术参数 | Specifications

项目 Item/型号 Model	T4150	T4200	T6170	T6220	T8180	T8240
入料尺寸A×B (mm) Crushing chamber	1400×1500	1400×2000	1500×1700	1500×2200	1580×1800	1580×2400
刀辊直径 Rotor diameter (mm)	450	450	600	600	800	800
动刀数量 Rotor knife qty (pcs)	88	118	100	130	106	142
定刀数量 Counter knife qty (pcs)	6	8	6	8	8	8
电机功率 Motor power (kW)	90	55+55	132	90+90	90+90	132+132
液压站功率 (kW) Hydraulic station power	7.5	7.5	11	15	11	15
外型尺寸L×W×H Dimension (mm)	3550×3100×2400	3550×4500×2400	3800×3200×2800	3800×4700×2800	4200×4300×3400	4200×4900×3400
最大产能 Maximum output (kg/h)	3000	4000	4700	5800	6500	8500
整机重量 Weight (kg)	11000	14800	13800	18000	16000	20000

备注：最大产能为非ABS胶头，带40mm筛网口径的测算；

The maximum output is tested based non-ABS purgings with 40mm screen opening.

产品规格若有变更，恕不另行通知。We reserve the right to change specifications without prior notice.

# 小型双轴撕碎机

Double Shaft Shredder - DS Series



## 超大扭矩，万物皆可撕碎

Exceptionally high torque to shred it all

DS 双轴撕碎机可处理多样的废固物料。与单轴撕碎机相比，此系列**转速更低，扭矩更大**，效率更高。被广泛应用于工业垃圾，城市固态垃圾以及其它综合性废弃物的回收处理。其结构较为简洁紧凑，可对开式的机箱和轴承座便于维护和保养。

由于该设备不含筛网，常被用作**一级破碎**，破碎颗粒的大小取决于刀片的厚度。

The DS series of the double shaft shredder can process a wide range of solid wastes. Compared to single shaft shredder, this series has a **lower speed, higher torque**, and higher efficiency. It's mainly used to process industrial waste. Maintenance is easy and convenient since the maintenance door provides full access to the crushing chamber and bearing housing. With the shredder being screenless, it is often used for **primary shredding** and its output size depends on the blade thickness.

### 应用范围 | Applications

- 垃圾衍生燃料：城市固体废物，工业垃圾，木材废料，工业废纸，轮胎，塑料，地毯等；
- 金属材料：铝材，有色金属，无色金属，金属桶，废旧汽车等；
- 电子电器：电子废料，电子设备，废旧家电等；
- 塑料：化工桶，大块塑料，薄膜等。
- RDF(Refuse Derived Fuel): MSW, industry waste, wood, paper, tires, plastics, etc.
- Metal materials: Aluminum, ferrous, non-ferrous, steel drum, waste automotive, etc.
- Electronics: WEEE, electronic equipment, waste household appliance, etc.
- Aluminum: Can, aluminum product, building material, sheet, etc.
- Plastic: Plastic drum, plastic lump, films, etc.



## 性能特点 | Features

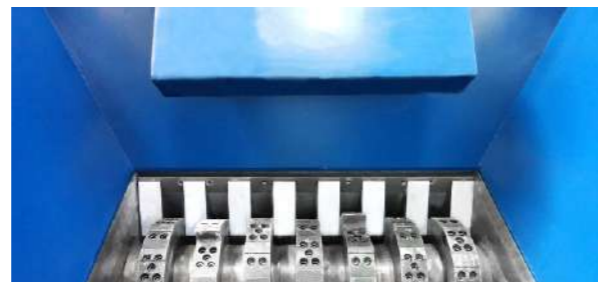
- 刀体采用高合金42CrMo，有利于大功率撕碎。
- 配合花键和六方轴，实现扭力分布均匀，延长主轴寿命。
- 主要的电气元件采用西门子和施耐德等国际品牌。
- 自动过载保护，具有反转功能，避免机器过载和卡死。
- Knives adopt alloy steel 42CrMo realizing heavy-duty size reduction.
- Driving torque is evenly distributed to the shaft, thanks to splined teeth and hex shaft.
- Main electrical components are trusted brands such as Siemens and Schneider.
- Auto-reverse system re-oriens rotor direction when motor overload & material jam.



搭配撕碎机和输送带，可组成简易破碎线。  
Integrating with shredder and conveyor to set up a shredding system.



双轴机刀体（标配），刀片厚度可选。  
Standard rotor whose knife thickness is customizable.



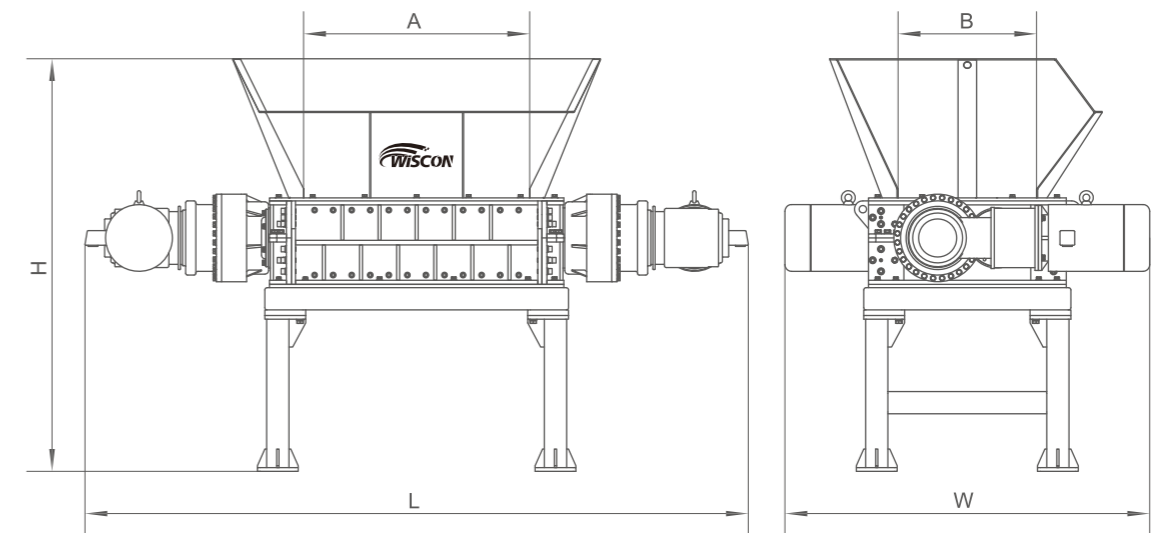
可拆卸刀片，最大化减少换刀时间。  
Detachable knife greatly saves your knife replacement time.



两台独立电机驱动加上高安全系数减速机产出超高扭矩。  
2 independent drives with gear reducers bring a high torque.



推料装置（可选）辅助推送物料，提高产量。  
Vertical pusher is optional for hollow and gigantic materials.



## 技术参数 | Specifications

项目 Item/型号 Model	DS260	DS280	DS380	DS3120
破碎室尺寸A×B Crushing chamber (mm)	600×460	800×460	800×720	1200×720
刀辊直径 Rotor diameter (mm)	300	300	450	450
刀片厚度 Blade thickness (mm)	20	20	20/40	20/40
动刀数量 Rotor knife qty (pcs)	30	40	40/20	60/30
电机功率 Motor power (kW)	5.5+5.5	7.5+7.5	15+15	22+22
外型尺寸 L×W×H Dimension (mm)	2500×1180×1830	2740×1180×1830	3060×1850×2230	3580×1970×2230
整机重量 Weight (kg)	2000	2250	4300	5800

备注：1.刀片厚度和刀体爪数可根据需要进行选配；Blade thickness and number of tooth can be selected as required.

2.DS380和DS3120转速、功率可根据需要进行选配。Rotor speed and motor of DS380 and DS3120 can be customized as required.

产品规格若有变更，恕不另行通知。We reserve the right to change specifications without prior notice.

# 大型双轴撕碎机

Double Shaft Shredder - DL Series



## 超大扭矩，万物皆可撕碎

Exceptionally high torque to shred it all

DL 双轴撕碎机可处理多样的废固物料。与单轴撕碎机相比，此系列**转速更低，扭矩更大**，效率更高。被广泛应用于工业垃圾，城市固态垃圾以及其它综合性废弃物的回收处理。其结构较为简洁紧凑，可对开式的机箱和轴承座便于维护和保养。

由于该设备不含筛网，常被用作**一级破碎**，破碎颗粒的大小取决于刀片的厚度。

The DL series of the double shaft shredder can process a wide range of solid wastes. Compared to single shaft shredder, this series has a **lower speed, higher torque**, and higher efficiency. It's mainly used to process industrial waste. Maintenance is easy and convenient since the maintenance door provides full access to the crushing chamber and bearing housing. With the shredder being screenless, it is often used for **primary shredding** and its output size depends on the blade thickness.

### 应用范围 | Applications

- 垃圾衍生燃料：城市固体废物，工业垃圾，木材废料，工业废纸，轮胎，塑料，地毯等；
- 金属材料：铝材，有色金属，无色金属，金属桶，废旧汽车等；
- 电子电器：电子废料，电子设备，废旧家电等；
- 塑料：化工桶，大块塑料，薄膜等。
- RDF(Refuse Derived Fuel): MSW, industry waste, wood, paper, tires, plastics, etc.
- Metal materials: Aluminum, ferrous, non-ferrous, steel drums, waste automotive, etc.
- Electronics: WEEE, electronic equipment, waste household appliance, etc.
- Aluminum: Cans, aluminum product, building material, sheet, etc.
- Plastic: Plastic drum, plastic lump, film, etc.

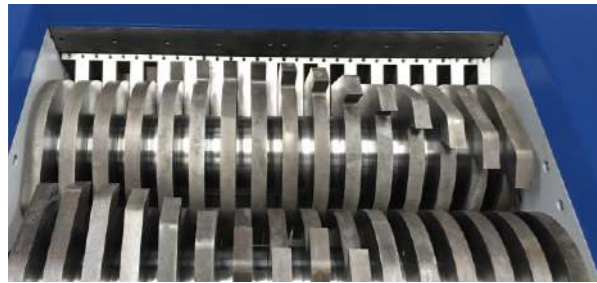


## 性能特点 | Features

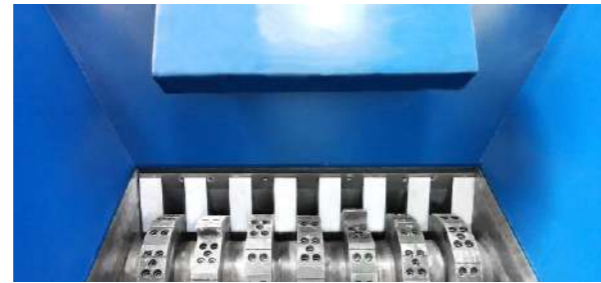
- 刀体采用高合金42CrMo，有利于大功率撕碎。
- 配合花键和六方轴，实现扭力分布均匀，延长主轴寿命。
- 主要的电气元件采用西门子和施耐德等国际品牌。
- 自动过载保护，具有反转功能，避免机器过载和卡死。
- Knives adopt alloy steel 42CrMo realizing heavy-duty size reduction.
- Driving torque is evenly distributed to the shaft, thanks to splined teeth and hex shaft.
- Main electrical components are trusted brands such as Siemens and Schneider.
- Auto-reverse system re-oriens rotor direction when motor overload & material jam.



搭配撕碎机和输送带，可组成简易破碎线。  
Integrating with shredder and conveyor to set up a shredding system.



双轴机刀体（标配），刀片厚度可选。  
Standard rotor whose knife thickness is customizable.



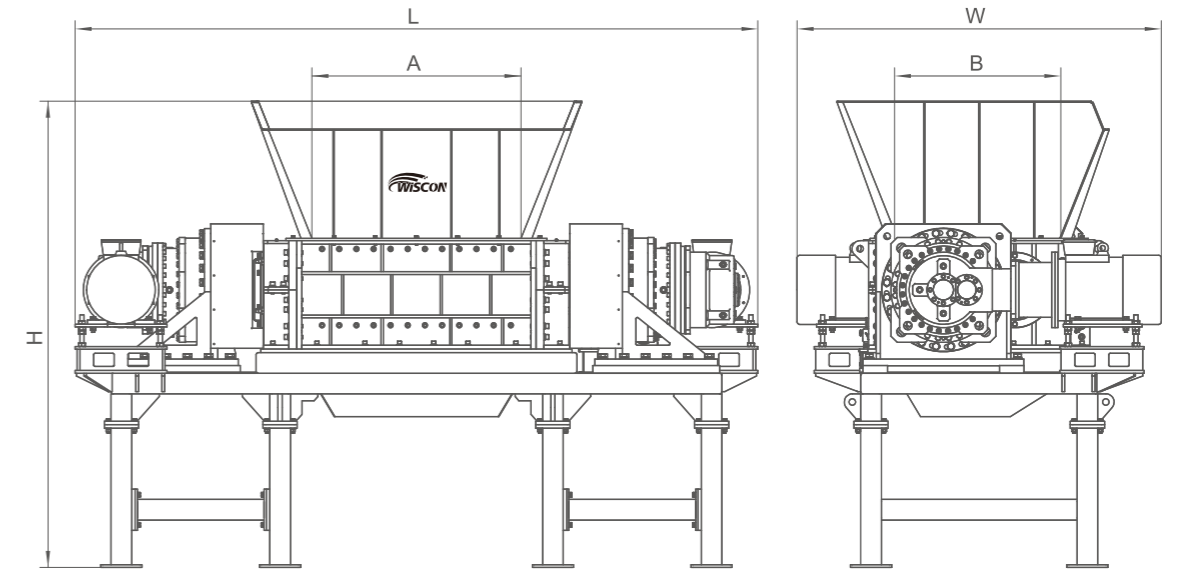
可拆卸刀片，最大化减少换刀时间。  
Detachable knife greatly saves your knife replacement time.



两台独立电机驱动加上高安全系数减速机产出超高扭矩。  
2 independent drives with gear reducers bring a high torque.



推料装置（可选）辅助推送物料，提高产量。  
Vertical pusher is optional for hollow and gigantic materials.



## 技术参数 | Specifications

项目 Item/型号 Model	DL4130	DL4150	DL5150	DL5180	DL6150	DL6180	DL6220
破碎室尺寸A×B (mm) Crushing chamber	1300×995	1500×995	1500×1150	1800×1150	1500×1450	1800×1450	2200×1450
刀辊直径 Rotor diameter (mm)	520	520	620	620	750	750	750
刀片厚度 Blade thickness (mm)	50/75/100						
动刀数量 Rotor knife qty (pcs)	26/17/13	30/20/15	30/20/15	36/24/18	30/20/15	36/24/18	44/29/22
电机功率 Motor Power (kW)	37+37	45+45	75+75	90+90	55+55	90+90	110+110
外型尺寸 L×W×H Dimension (mm)	4590×2210× 2600	4890×2210× 2600	5150×2270× 2600	6340×2610× 4000	6993×3045× 4000	7110×3342× 4000	7986×3284× 3760
整机重量 Weight (kg)	9500	11500	17400	20500	22000	26800	33700

备注：1.刀片厚度和刀体爪数可根据需要进行选配；Blade thickness and number of tooth can be selected as required.

2.转速、功率可根据需要进行选配。Rotor speed and motor can be customized as required.

产品规格若有变更，恕不另行通知。We reserve the right to change specifications without prior notice.



# 破碎机

Crusher



## 高效破碎，极简维护

### Effective performance with minimal maintenance

适用于粉碎各类尺寸、硬度较低的**塑料和橡胶制品**。其亮点为刀辊转速较高和刀片刃口较为锋利等，一般用做**二级粉碎**。虽机箱稳固，运作稳定，但在工作过程中不得有任何金属及坚硬异物进入破碎室。针对物料特性，Wiscon提供4种刀辊以产出均匀细致的破碎颗粒，其大小可根据筛网孔径的尺寸进行调节。

可安装风送集料系统，实现快速回收再生颗粒、简化系统维护和减少人工成本。

Ensures smooth size reduction of **plastic and rubbery products** in all sizes. The crusher is usually used as **secondary shredding** due to its high rotational speed and sharp blades. Featuring robust welded steel construction and stable operation, but during crushing, metal and similar hard foreign objects are not allowed to be disposed of into crushing chamber. The four rotors are tailored for versatile applications and producing uniform regrind, whose size is determined by screen opening.

The resulting regrind can be pneumatically conveyed and collected, forming a simple recycle line with no dust and reduced labour cost.

### 物料展示 | Material Showcase



塑料胶头 Plastic lumps



破碎颗粒 Regrind (12mm)



塑料成品 Plastic Containers



破碎颗粒 Regrind (12mm)



搭配撕碎机和输送带，可组成简易破碎线。  
Integrating with shredder and conveyor to set up a shredding system.

## 应用范围 | Applications

- 塑料：块、薄膜、管材、PET瓶、胶头料、注塑和挤出生产的次品等。
- Plastic lump, sheet, film, pipe, bottle, sprue, runner, reject, etc.



## 性能特点 | Features



V型刀（标配），适用于各种塑料成型制品。  
V rotor (standard), applicable for general plastic waste.  
动刀和定刀采用D2合金。  
Rotary and counter knife adopts D2 steel.



C型刀辊，多重刀片分布，针对处理特厚和特硬的塑料。  
C rotor excels in processing tough and thick plastics.



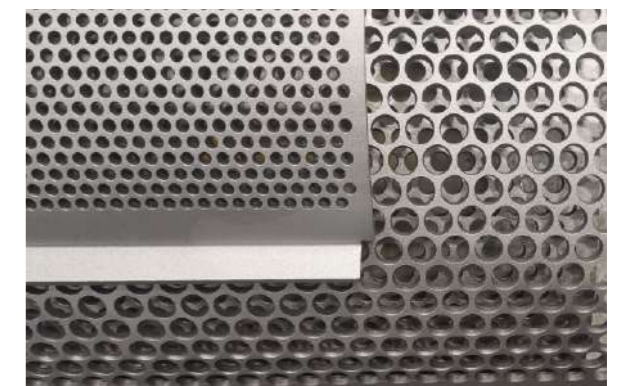
外置轴承允许带水破碎。  
Outbound bearing allows wet granulation.



专配高效节能电机和强大动力源。  
Equips energy efficient motor and powerful hydraulic drive.



液压启动筛网托架和料斗，维护方便更省心，减少52%维护时间。  
Hydraulically actuated screen cradle and hopper for easy servicing and saving 52% servicing time.  
调刀治具简化装刀。  
Rotary knife can be adjusted by a jig before installation.



筛网孔径决定出料尺寸，尺寸可选 10-20mm。  
Screen opening determines output particle size that is customizable between 10-20mm.  
有多种筛网可选，针对薄膜和编织袋。  
Multiple screens particularly optional for challenging materials films and knitted bags.



配合风送集料  
Paired with Cyclone Collection



可加装金属检测器  
可配合撕碎机  
Metal Detector alarms for metals  
Shredder works in conjunction with crusher

## 技术参数 | Specifications

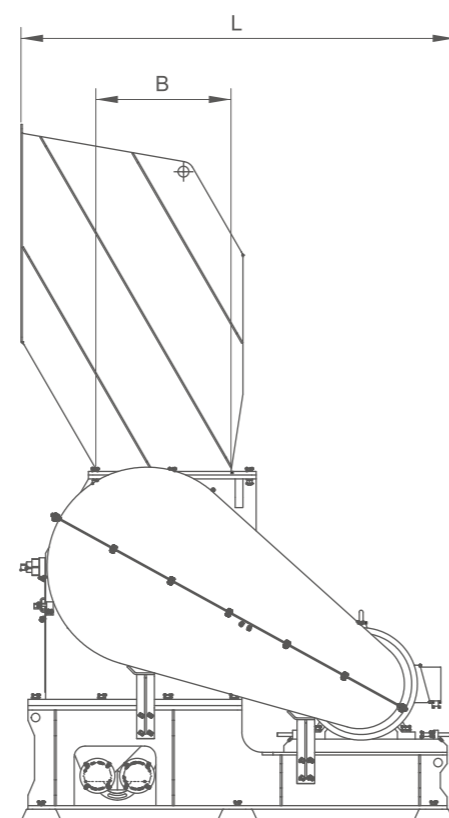
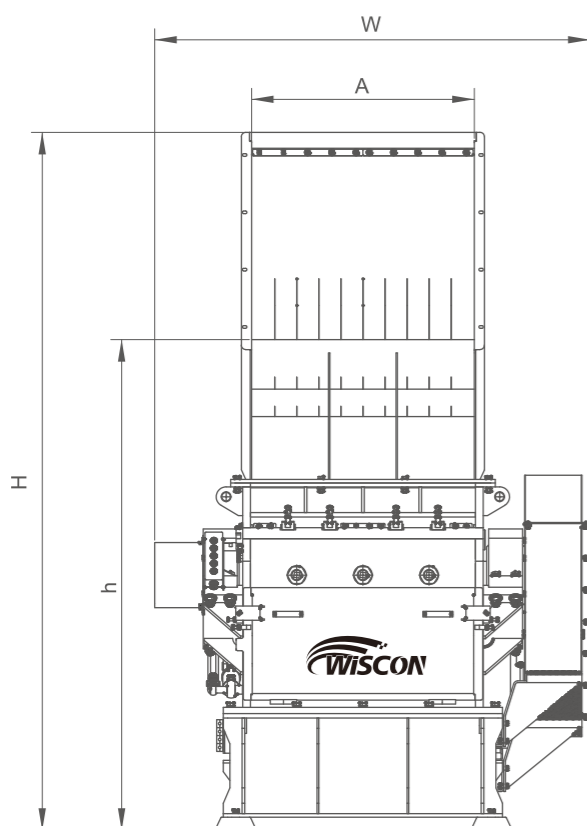
项目 Item/型号 Model	CS360	CS480	CS4100
入料尺寸A×B Hopper opening (mm)	600×320	800×420	1000×620
刀辊直径 Rotor Diameter (mm)	320	420	420
动刀数量 Rotor knife qty (pcs)	3×2	3×2	3×2
定刀数量 Counter knife qty (pcs)	2×1	2×1	2×2
电机功率 Motor power (kW)	22	37	45
外型尺寸 L×W×H Dimension (mm)	1450×1450×2300	1650×1700×2400	1590×1863×2381
入料高度 h Infeed Height (mm)	1550	1670	1706
最大产能 Maximum output (kg/h)	500	800	1100
整机重量 Weight (kg)	2200	2700	2900

项目 Item/型号 Model	CL580	CL5100	CL5120	CL6100	CL6120	CL8120	CL8160
入料尺寸 A×B (mm) Hopper opening	800×520	1000×520	1200×520	1000×660	1200×660	1200×800	1600×800
刀辊直径 Rotor diameter (mm)	500	500	500	600	600	800	800
动刀数量 Rotor knife qty (pcs)	5×2	5×2	5×2	5×2	5×2	7×2	7×4
定刀数量 Counter knife qty (pcs)	3×2	3×2	3×2	3×2	3×2	3×2	3×4
电机功率 Motor power (kW)	45	55	75	75	90	110	160
筛网孔径 Screen opening (mm)	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12
外型尺寸 L×W×H Dimension (mm)	2000×1800×3200	2000×2000×3200	2100×2200×3200	2300×2100×3600	2300×2300×3600	2700×2500×3900	2700×2900×3900
入料高度 h Infeed Height (mm)	2250	2250	2250	2400	2400	2700	2700
最大产能 Maximum output (kg/h)	1700	2000	2500	2700	3400	3500	4500
整机重量 Weight (kg)	3850	4320	4820	5430	6860	10030	14405

备注：最大产能以单轴机产出(40mm)胶头后破碎机以12mm出料计算；

The maximum output is tested based on plastic particles in initial size 40mm and using screen opening 12mm.

产品规格若有变更，恕不另行通知。We reserve the right to change specifications without prior notice.



# 撕碎破碎一体机

Shredder-Crusher Combined



## 合二为一 一步到位 2-in-1 Keeps 1 Step ahead

CT系列整合了撕碎机和破碎机于一身。其紧凑的机身可处理胶头和大块物料并生成颗粒。从大块料到40mm的块粒再到10mm的再生颗粒，我们经验证过的物料细化技术确保颗粒可马上再利用。

简约的设计省去了输送带、撕碎机或破碎机，为您的车间节省最多65%宝贵空间。撕碎破碎合二为一，配合 **Smart 控制**，助力每位客户节省能源和高效生产。

CT series is a combination of shredder and crusher in a single unit.

It processes input material like purgings and bulky objects to the desired granule size in two stages. From lumps, to 40mm shredded particles, to 10mm regrind, our proven size reduction technology produces uniform regrind that is **immediately ready for reuse**.

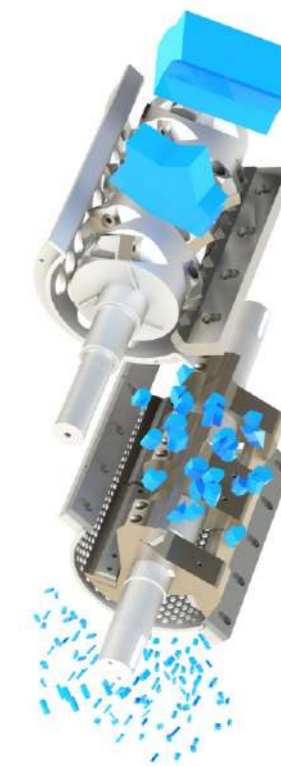
Without a conveyor between shredder and crusher, the compact design saves up to 65% space for your factory. The integrated crusher and shredder with **Smart Control** guarantee energy-saving and continuous operation.



筛网 Screen  
孔径可选，决定颗粒尺寸。  
Customizable screen opening for granule size control.



液压站 Hydraulic Station  
推料箱的强力驱动，物料更好贴合刀辊。  
Powerful drive to pusher ram against rotor.



撕碎机部分  
Shredder Section

破碎机部分  
Crusher Section

## 应用范围 | Applications

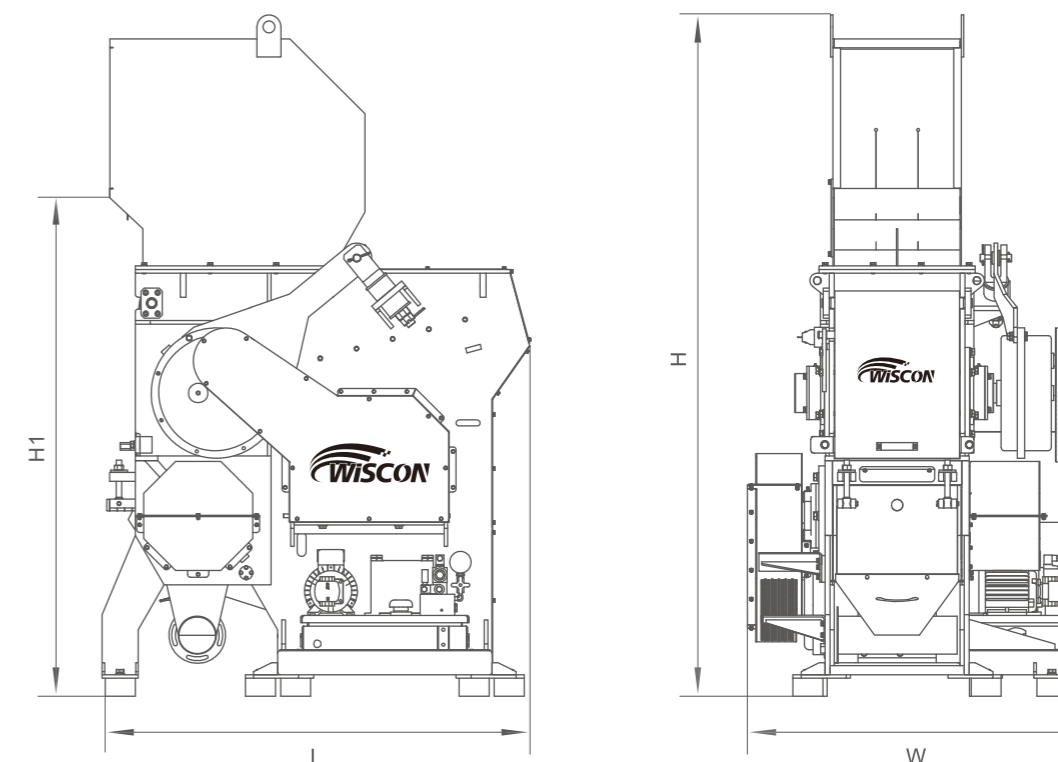
塑料胶头、裙边料、次品。Plastic lumps, flushes and defects.

## 推荐搭配 | Optional Features

- 集料系统 – 快速实现回收再生颗粒，减少人工和空气污染。
- 输送带 – 连续地物料进给，并根据撕碎机/破碎机的工作状态而进料。
- 金属检测器 – 检测到金属则自动停止，预防异物进入和损坏后续机器。
- Cyclone Collection – material reclaimed quickly with no dust and minimal labour.
- Belt Conveyor – continuous material infeeding and operates depending on the work load of shredder/crusher.
- Metal Detector – stops for any foreign objects preventing them from reaching succeeding machines.

## 产品优势 | Features

- 节省空间和高性价比，相比于购买撕碎机或破碎机和输送带各一台。
- 直接产出目标颗粒尺寸。
- 滑坡式推料箱，更利于长期连续工作，杜绝藏料。
- 自动过载保护功能，避免机器严重过载和卡死。
- 撕碎机动刀采用DC53材料，破碎机动刀采用Cr12MoV。
- 撕碎机和破碎机为独立驱动，更好的系统控制。
- 电器控制元件采用西门子和施耐德等国际品牌。
- Space-saving and investment-minimized, compared to individual shredder, granulator and conveyor.
- One-step size reduction to desired final output size.
- Slanted pusher ram ensures continuous operation & eliminates residual materials.
- Auto-reverse system re-orient's shredder rotor's direction when motor overload and material jam.
- Shredder rotor knife adopts DC53 and crusher knife adopts Cr12MoV.
- Shredder and crusher are individually driven for better control.
- Main electrical components are trusted brands such as Siemens and Schneider.



## 技术参数 | Specifications

项目 Item/型号 Model	CT400	CT600
产量 Output (kg/h)	250-350	400-500
入料口尺寸 Infeed hopper (mm)	400×600	600×800
入料高度H1 Infeed hopper height (mm)	1700	1950
转子直径 Rotor diameter (mm)	230	230
出料孔径 Output size (mm)	12	12
主机功率 Motor (kW)	11+11+0.75	18.5+18.5+1.5
撕碎动刀数量 Number of shredder rotary knife	16+2	26+4
撕碎定刀数量 Number of shredder counter knife	1	2+2
破碎动刀数量 Number of crusher rotary knife	6	6
破碎定刀数量 Number of crusher counter knife	2	2
外型尺寸 L×W×H Dimension (mm)	1430×1150×2280	1470×1450×2830
整机重量 Weight (kg)	2100	2800

产品规格若有变更，恕不另行通知。We reserve the right to change specifications without prior notice.

# 废旧塑料清洗线

## Plastic Washing Line

适用于废旧薄膜、编织袋、农业膜、包装膜、饮料瓶、各类塑料容器。  
 Applicable: Plastic film, knitted bag, agricultural film, packaging, water bottle, detergent bottle and container.

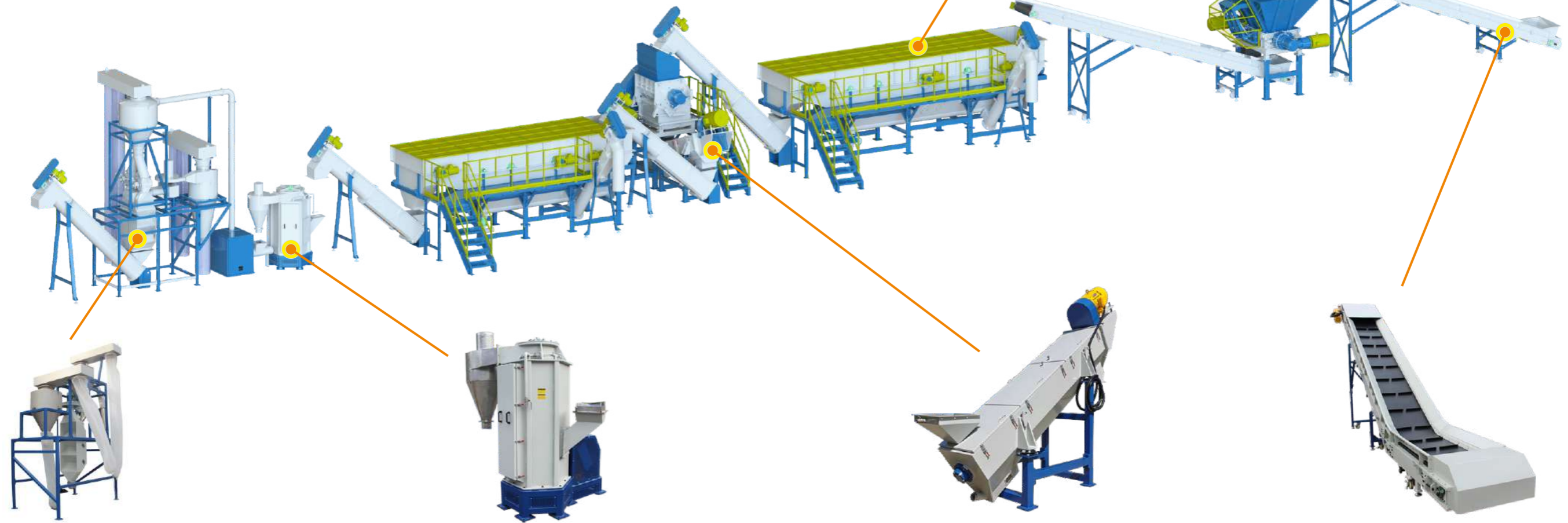
### 物料展示 | Material Showcase



**分离沉淀池 Sink-float Tank**  
 充分浸润和分散物料，还可通过密度分选，得到沉水料和浮水料。  
 Wets and scrambles materials. Also, works as density separation to get buoyant and non-buoyant.



**撕碎机 Shredder**  
 可选破袋机、预碎机和撕碎机，让物料细化到40mm左右。  
 Pre-shredder, bag-breaker makes sure stream materials to 40mm.



**风选系统 Air Classifier**  
**风送集料 Cyclone Collection**  
 高效分离出灰尘和标签，收集成品物料。  
 Removes dirt and labels. Collects target materials.

**脱水机 Centrifugal Dryer**  
 为软/硬塑料专门设计的脱水机，脱水率最高达99.5%。  
 For soft or hard plastics, the maximum moisture content can reach 99.5%.

**摩擦清洗机 Friction Washer**  
 高速旋转把顽固污染物、油污、泥沙拒之门外。  
 Separates contaminant, grease and dirt via high-speed rotation.

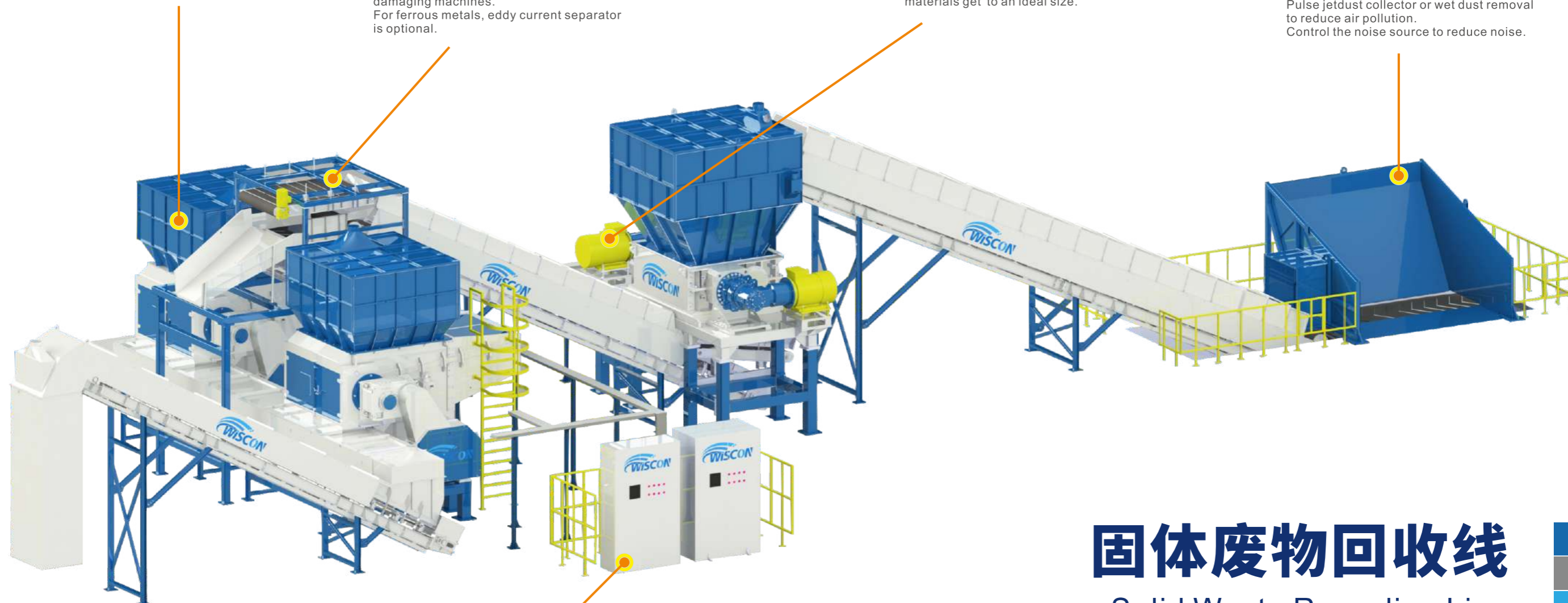
**输送带 Conveyor**  
 金属链条或者PVC输送带。  
 宽度和长度可定制，可选变频。  
 Belt made of Metal plate or PVC. Width and length are customizable, and variable speed is optional.

**二次撕碎/破碎 Secondary Size Reduction**  
 让已经粗碎后的物料，再次细化，达到40mm以下的尺寸。  
 Further shreds stream materials to below 40mm.

**金属分离 Metal Separation**  
 带走大块铁块，防止对机器造成损坏。对于有色金属，可进行涡电流分选。  
 Sorts out big metals to prevent them from damaging machines.  
 For ferrous metals, eddy current separator is optional.

**首次撕碎 Primary Shredding**  
 可选破袋机、预碎机和撕碎机，让物料细化到合理的大小。  
 Primary shredding makes sure stream materials get to an ideal size.

**可选功能 Optional Functions**  
 脉冲除尘或者湿式除尘，减少空气污染。  
 控制噪音源，降低噪音。  
 火花检测，减少爆炸可能性。  
 Pulse jet dust collector or wet dust removal to reduce air pollution.  
 Control the noise source to reduce noise.

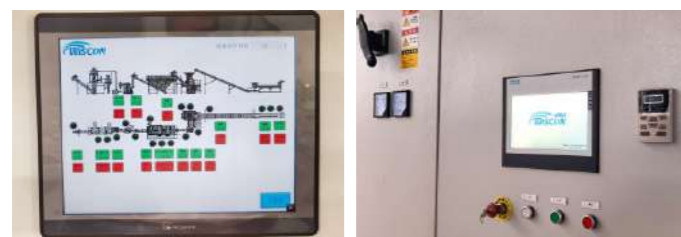


# 固体废物回收线

## Solid Waste Recycling Line

适用于大件垃圾、工业垃圾、城市垃圾、危废垃圾。  
 Applicable: Bulky waste, industrial waste, municipal waste, and hazardous waste.

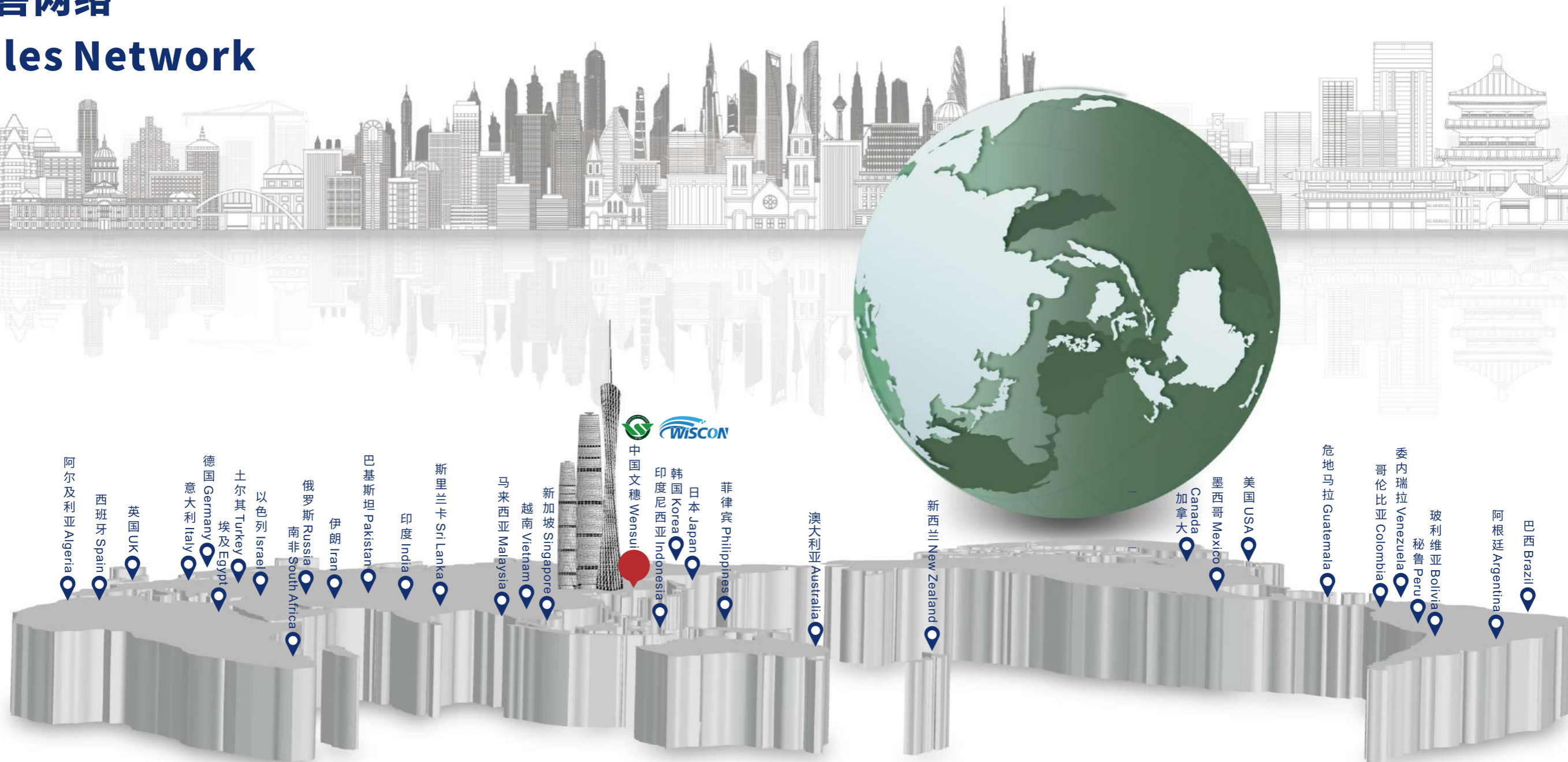
### 物料展示 | Material Showcase



**控制系统 Control System**  
 智能控制-一机停止，全线自动停止。  
 保护装置减少堵料和过载的风险。  
 Smart Safety - one machine stops, whole line stops.  
 Protective systems for the electro-mechanical equipment and to limit the risks of clogging and overloading.



# 销售网络 Sales Network



## 营销服务网络 Sales Network

经过多年的发展，客户已分布全球80多个国家，国内各大城市均有销售服务中心，为客户提供完善的售前、售中和售后服务。

Today, Wiscon is driving innovation in 80+ countries. We speak the universal language of growth and progress working with countries and companies around the world.

