



## 新乡市新宇田橡塑机械有限公司

Xinxiang Xinyutian Rubber&Plastic Machinery Co.,ltd

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新宇田抖音号



新宇田官网



新宇田头条号

地址：河南省新乡市新濮路

邮编：453000

电话：86-373-3033288

手机：13525000476（微信同号）

电子邮件：admin@xxxyt.com

网址：http://www.xxxyt.com

Add: Xinpu Road,Xinxiang City,Henan Prov.China

Code: 453000

Tel: 86-373-3033288

Mobile phone: 13525000476 (wechat/whatsapp)

E-mail: admin@xxxyt.com

Web: http://www.xxxyt.com

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# Company profile

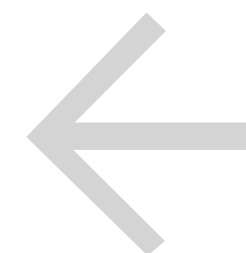
## 公司简介

河南省新乡市新宇田橡塑机械有限公司是国内知名的专业研发、生产及销售废旧橡胶轮胎胶粉成套生产线、轮胎橡胶颗粒生产线、废旧轮胎循环利用处理设备的高科技企业。所有设备全部采用常温处理工艺，完全达到环保处理要求。公司成立于二00五年，座落于新乡市新濮路红旗工业区。我们拥有多名从事橡胶机械研发的工程技术人员，可提供从设计建厂到投产使用的全方位服务。迄今为止，年产万吨胶粉、颗粒生产线已畅销全国各地，二0一0年成立的国际贸易部将新宇田设备远销全球近50多个国家和地区。

Xinxiang Xinyutian Rubber&Plastic Machinery Co.,ltd is a famous domestic high-tech enterprise engaged into professional research&development, production&sales for complete waste tyre making rubber powder production lines , tyre rubber granules making line, waste tyre recycling processing equipment.All equipment adopt the normal treatment process,and fully meet the requirements of environmental protection.we were founded in 2005,located in xinpu road, Hongqi industrial zone,Xinxiang city,Henan province.We have a number of engineering and technical personnels engaged in researching and developing rubber machinery,who can provide fully service from designing and building factory to actual running the project.So far, the annual output of ten thousand tons of rubber powder production line and tyre rubber particles making line have been sold all over the country.Our international trading department established in 2010,which has sold Xinyutian equipment nearly more than 50 countries and regions in the world.



诚信立足 创新致远 合作共赢  
Integrity Innovation Win-win Cooperation



让天空更蓝

让世界更美

Let us creat a wonderful world with blue sky



## 公司资质 Company qualification



## 诚信立足 合作共赢

## Integrity Innovation Cooperation





## 废轮胎胶粉生产工艺流程

The flow chart of waste tyre recycling rubber powder line

技术参数:

年处理量: 2000-50000吨

处理范围:  $\leq \Phi 1200\text{mm}$  废轮胎

成品规格: 8-60目

每吨耗电量: 160-200度

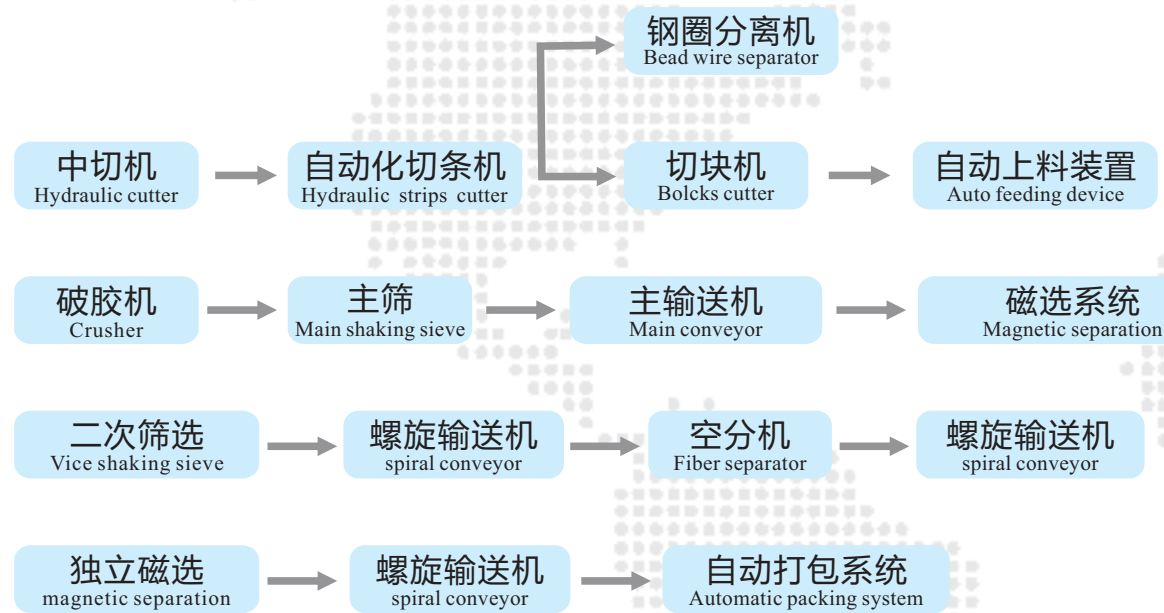
Technical data:

Waste tyres recycled per year: 2000-50000t

Tyre size:  $\leq \Phi 1200\text{mm}$

Size of rubber powder: 8-60mesh

Consuming power per ton: 160-200kwh



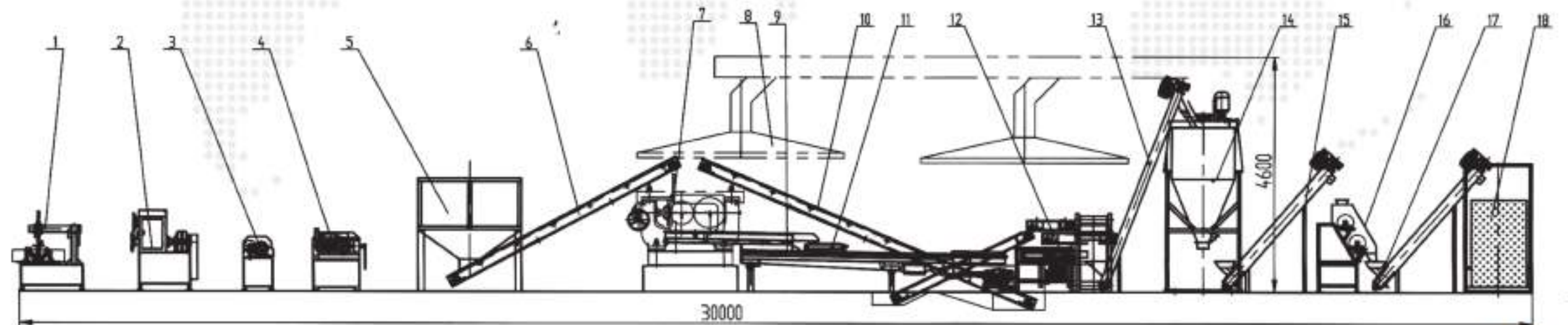
## 废轮胎胶粉生产现场

Customers running factory



## 生产线布置示意

The flow chart of waste tyre recycling rubber powder line





破胶机

Crusher

破胶机是胶粉生产线的主要设备，该设备主要用于废轮胎的粉碎及再生橡胶破碎。  
Crusher is the main equipment for scrap tyres recycling rubber powder production line,it is applicable for break scrap tyres and reclaimed rubber.



技术参数： Technical data

| 规格<br>specification                     | 型号<br>model             | XKP400         | XKP450         | XKP560         | XKP610/800     | XKP610/1000             | XKP710                  |
|-----------------------------------------|-------------------------|----------------|----------------|----------------|----------------|-------------------------|-------------------------|
| 前辊直径(mm)<br>front roller                |                         | 400            | 450            | 560            | 510            | 560                     | 660                     |
| 后辊直径(mm)<br>rear roller                 |                         | 400            | 450            | 510            | 610            | 610                     | 710                     |
| 辊筒长度(mm)<br>roll length                 |                         | 600            | 800            | 800            | 800            | 1000                    | 1000                    |
| 辊筒速比<br>rollers speed ratio             |                         | 1:1.38         | 1:1.43         | 1:1.55         | 1:2            | 1:1.9                   | 1:1.85                  |
| 前辊线速度(m/min)<br>front roll linear speed |                         | 22.29          | 24.38          | 22.68          | 23.79          | 24.72                   | 29.99                   |
| 最大辊距(mm)<br>max gap                     |                         | 10             | 10             | 16             | 16             | 16                      | 12                      |
| 滑动/滚动轴承<br>sliding/rolling bearing      | 滑动轴承<br>Sliding bearing |                | 可选<br>Optional | 可选<br>Optional | 可选<br>Optional | 滚动轴承<br>Rolling bearing | 滚动轴承<br>Rolling bearing |
| 产量 (kg/h)<br>capacity/0.5-5mm           |                         | 200-500        | 300-700        | 500-800        | 600-1200       | 1000-2000               | 1500-2500               |
| 功率(kw)<br>motor power                   |                         | 45             | 75             | 90             | 132            | 185                     | 250                     |
| 重量(kg)<br>weight                        |                         | 7500           | 11500          | 17000          | 17500          | 19500                   | 27500                   |
| 尺寸(mm)<br>size                          |                         | 3920×1850×1720 | 5060×1930×1550 | 5620×2260×1900 | 5739×2270×1560 | 5899×2270×1560          | 6230×2438×1840          |

结构特点： Structure features

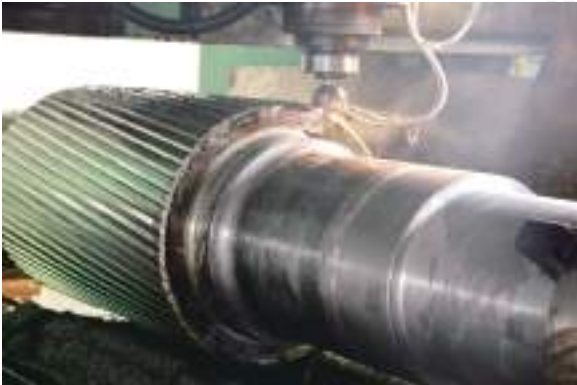
- 1.辊筒采用铸钢和铸铁两种材料，铸铁辊筒采用钒钛合金冷硬铸铁、铸钢辊筒的工作表面堆焊耐磨合金材料，表面经磨削加工。后辊为沟槽辊，传动部分配置硬齿面减速机，设备运转稳定，噪音极小。
- 2.机器设有过载保护装置，可保护电机，辊筒等主要零件不因过载而损坏。
- 3.润滑装置为自动控制，方便且操作简单。
1. There are two kinds of materials can be choosed for crusher rollers---cast iron and cast steel.the roller made of chilled cast iron with vanadium and titanium alloys is hard and anti-wear.The working surface of cast steel roller choose welding cemented carbide. its rear roller is processed in groove type. its driving part is equipped with hardened reducer. all of those characters make crusher work in good performance and lower noise.
- 2.It is equipped with an overload protection device to prevent the major components from being damaged due to overloading.
- 3.It is equipped with auto grease device for bearing,that operated convenient and easily.

辊筒修磨机

Rollers grinding machine

该设备专用破胶机辊筒磨损后在线修复，使用时无需拆卸机器，直接将该设备放置于机架上面使用即可。

It is applicable for repair the worn rollers,there is no need to disassemble rollers from crusher when repair them,put rollers grinding machine onto rollers to grind can finish working.



|                                     |                    |
|-------------------------------------|--------------------|
| 型号<br>model                         | XM250              |
| 功率(kw)<br>motor power               | 1.5                |
| 砂轮直径(mm)<br>grinding wheel diameter | φ 250              |
| 尺寸(mm)<br>size                      | 1660×500×800       |
| 适用机型<br>applicable model            | XKP400/450/560/610 |



XKM450精细磨粉机

Super fine rubber powder grinder

本机用于将18-24目胶粉做到40—80目精细胶粉，环保无烟尘，生产胶粉碳化率低，可满足防水卷材、再生胶等橡胶制品使用。

The machine is used to grind 18-24mesh powder to 40-80mesh fine powder,less powder is carbonized.Fine powder is applied to make waterproof membrane,reclaimed rubber and other rubber products.



技术参数：Technical data

|                                |                      |                      |
|--------------------------------|----------------------|----------------------|
| 型号model                        | XKM450               | XKM550               |
| 辊筒直径 (mm) roller diameter      | Φ450                 | Φ550                 |
| 辊筒工作长(mm)roller working length | 800                  | 1000                 |
| 轴承类型 bearing type              | 滚动轴承 Rolling bearing | 滚动轴承 Rolling bearing |
| 功率(kw) motor power             | 90                   | 105                  |
| 产量(kg/h)capacity               | 200-800              | 260-1100             |
| 重量 (kg)weight                  | 11000                | 17500                |
| 尺寸 (mm)size                    | 4520×2110×1450       | 5010×2430×1540       |

- 1.本机由底座、机架、前后辊筒、万向联轴器、TMC型减速器、辊筒间隙调节装置、冷却装置及电气控制系统组成。

2.机器采用双辊独立驱动，双减速器形式使前后辊筒形成一定的工艺速差。

3.辊筒采用合金冷硬铸铁材料，工作面具有刚硬度和耐磨性。

4.电气可采用PLC、变频集中控制或普通电气柜控制。
- 1.It is composed of base,frame,front and rear roller,universal coupling,TMC reducer,roller gap adjusting device,cooling device and electric control system.

2.The two rollers rotate with different speeds drove from double motors and reducers.

3.The two rollers are made of alloy chilled cast iron with wear-resistant hard surface.

4.It is equipped with PLC frequency control or general electric cabinet control.

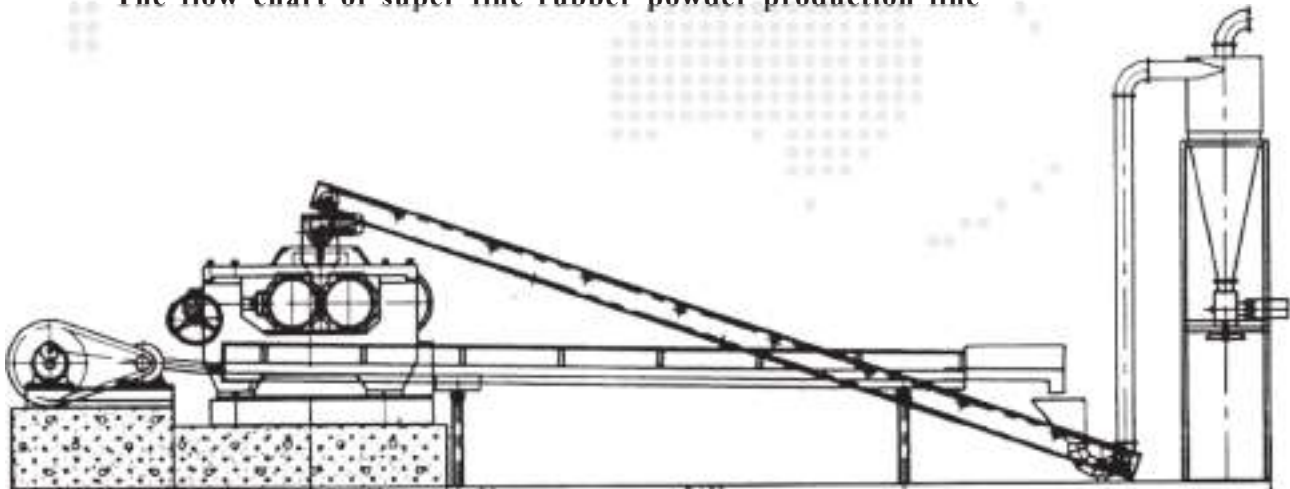
精细胶粉生产现场

Super fine rubber powder producing factory



生产线布置图

The flow chart of super fine rubber powder production line





切圈机 Sidewalls cutter

切圈机用于切割轮胎胎侧和内口。  
Sidewalls cutter is used to cut two sidewalls and beads from whole tyre.

|                               |               |                |                |
|-------------------------------|---------------|----------------|----------------|
| 型号<br>model                   | QKF850        | QKF1150        | QKF1500        |
| 功率 (kw)<br>motor power        | 2.2           | 2.2            | 4              |
| 加工范围 (mm)<br>processing range | 750-1200      | 750-1200       | 1200-1500      |
| 产量 (kg/h)<br>capacity         | 2000          | 2000           | 2000           |
| 重量 (kg)<br>weight             | 500           | 550            | 750            |
| 尺寸 (mm)<br>size               | 1300×900×1480 | 1520×1150×1480 | 2020×1500×1920 |

中切机 Middle cutter

中切机将废轮胎从胎面中部分解成两部分。  
Middle cutter is used to divide tyres into two halves from tires tread.

|                               |                |
|-------------------------------|----------------|
| 型号<br>model                   | ZQJ310         |
| 功率 (kw)<br>motor power        | 9.5            |
| 加工范围 (mm)<br>processing range | 750-1200       |
| 产量 (kg/h)<br>capacity         | 60-80          |
| 重量 (kg)<br>weight             | 640            |
| 尺寸 (mm)<br>size               | 1520×1000×1540 |



切条机 Strips cutter

切条机用于经切圈机分解后的轮胎切成3-8厘米条状。  
Strips cutter is used to cut tyre sidewalls and tread got from sidewalls cutter into tyres strips(width:3-8cm).

|                               |               |
|-------------------------------|---------------|
| 型号<br>model                   | QT380         |
| 功率 (kw)<br>motor power        | 4             |
| 加工范围 (mm)<br>processing range | 750-1200      |
| 产量 (kg/h)<br>capacity         | 1000          |
| 重量 (kg)<br>weight             | 900           |
| 尺寸 (mm)<br>size               | 1320×750×1580 |



自动化切条机 Hydraulic strips Cutter

自动化切条机用于将中切机分解后的轮胎切成3-8厘米条状。  
Hydraulic strips cutter is used to cut tyres into rubber strips (width: 3-8cm) automatically.

|                               |               |               |
|-------------------------------|---------------|---------------|
| 型号<br>model                   | QT600         | QT380         |
| 功率 (kw)<br>motor power        | 10.5          | 8.5           |
| 加工范围 (mm)<br>processing range | 750-1200      | 750-1200      |
| 产量 (kg/h)<br>capacity         | 30-40         | 20-30         |
| 重量 (kg)<br>weight             | 1800          | 1050          |
| 尺寸 (mm)<br>size               | 2190×950×1780 | 1920×750×1580 |



切块机 Blocks cutter

切块机用于条状轮胎切成3-8厘米块状。  
Blocks cutter is used to cut tyre strips to blocks(3-8cm).

|                               |              |
|-------------------------------|--------------|
| 型号<br>model                   | QK200        |
| 功率 (kw)<br>motor power        | 15           |
| 加工范围 (mm)<br>processing range | 750-1200     |
| 产量 (kg/h)<br>capacity         | 1000         |
| 重量 (kg)<br>weight             | 450          |
| 尺寸 (mm)<br>size               | 800×810×1380 |

切块机 Blocks cutter

切块机用于将条状轮胎切成3-8厘米块状。  
Blocks cutter is used to cut tyres rubber strips into rubber blocks (3-8cm).

|                               |                                      |
|-------------------------------|--------------------------------------|
| 型号<br>model                   | QK350                                |
| 功率 (kw)<br>motor power        | 31.5                                 |
| 加工范围 (mm)<br>processing range | 30-80mm轮胎条及橡胶条<br>tire rubber strips |
| 产量 (kg/h)<br>capacity         | 2000-3000                            |
| 重量 (kg)<br>weight             | 1300                                 |
| 尺寸 (mm)<br>size               | 1060×1000×1780                       |





# 工程轮胎分解设备

工程胎分解设备主要用于分解工程机械使用的巨型轮胎。将其分解为若干小块，该设备是裂解及燃料行业的首选设备。  
OTR tyres recycling equipments mainly applied to decompose the huge tyres from engineering machinery. The waste OTR tyres can be decomposed into several tyre chips, that can be used into pyrolysis plant and fuel industry.

## 工程胎切圈机 OTR tyre sidewalls cutter

工程胎切圈机用于去除工程胎两胎侧和内口。  
OTR tyre sidewalls cutter is used to cut two sidewalls and beads from whole OTR tyre.

| 型号<br>model                   | QKF2000        | QKF2800        | QKF4000        |
|-------------------------------|----------------|----------------|----------------|
| 功率 (kw)<br>motor power        | 10.19          | 13.69          | 18.4           |
| 加工范围 (mm)<br>processing range | 1600-2000      | 1600-2800      | 2400-4000      |
| 产量 (pcs/h)<br>capacity        | 3              | 3              | 1-2            |
| 重量 (kg)<br>weight             | 1980           | 2600           | 4000           |
| 尺寸 (mm)<br>size               | 2600×2000×2310 | 3800×3000×2930 | 5400×4000×2930 |



## 工程胎液压切断机 Hydraulic OTR Tyre Cutter

工程胎液压切断机用于将去除内口钢丝的工程轮胎切成块状。  
Hydraulic OTR tyre cutter is used to cut huge OTR tyres without two beads into several sections.

| 型号<br>model                   | QDY1200       | QDY2000        |
|-------------------------------|---------------|----------------|
| 功率 (kw)<br>motor power        | 11            | 22             |
| 加工范围 (mm)<br>processing range | <2400         | <4000          |
| 产量 (pcs/h)<br>capacity        | 3-10          | 2-5            |
| 压力 (MPa)<br>pressure          | 100           | 160            |
| 重量 (kg)<br>weight             | 3500          | 6100           |
| 尺寸 (mm)<br>size               | 2680×900×2420 | 3980×1200×3250 |



## 轮胎粉碎机 Tyre shredder

EPJ轮胎破碎机是一款在常温下将钢丝子午线轮胎与纤维斜交轮胎破碎成60X80mm左右胶块的设备。用于破碎去除钢丝圈并符合其进料规格的各种轮胎制品。其结构主要包括：电动机、减速机、机壳、刀具、筛网圈、传动机构、机架等。

EPJ Tire Shredder is used to shred radial tire and fiber tire into tire chips of 60X80mm size in ambient process, the tire needs to be debeaded before shredding. It mainly consists of motor, speed reducer, machine frame, shredding blades, rotary screener, transmission system, etc.

### 技术参数 Technical data

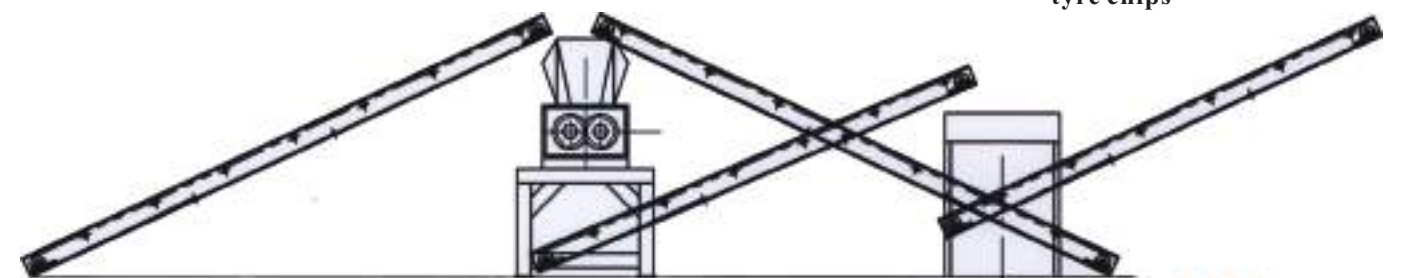
| 型号 model               | EPJ1000        | EPJ1300        |
|------------------------|----------------|----------------|
| 处理量 (t/h) capacity     | 0.8-3          | 2-5            |
| 进料规格 (mm) input size   | ≤1200          | ≤1200          |
| 出料规格 output size       | 60×80          | 60×80          |
| 主轴转速 (RPM) shaft speed | 10             | 10             |
| 功率 (kw) motor power    | 30×2           | 45×2           |
| 重量 (kg) weight         | 6500           | 9000           |
| 尺寸 (mm) size           | 4040×1660×2720 | 4340×1660×2720 |



cut tyre after debearing



tyre chips





工程胎处理一体机

OTR Tire Processing All-in-One Machine

工程胎处理一体机主要用于工程轮胎胎面胶剥离、分解。  
OTR Tire Processing All-in-One Machine is mainly designed for peeling and breaking down the tread rubber of OTR tires.

| 型号<br>model                   | XFL16          | XFL28          | XFL40          |
|-------------------------------|----------------|----------------|----------------|
| 功率 (kw)<br>motor power        | 12.3           | 14.3           | 21.8           |
| 加工范围 (mm)<br>processing range | 1300-1600      | 1600-2800      | 2800-4000      |
| 产量 (pcs/h)<br>capacity        | 10-15          | 4-6            | 1-3            |
| 重量 (kg)<br>weight             | 1650           | 2150           | 2750           |
| 尺寸 (mm)<br>size               | 3300×3200×2000 | 3900×3700×2300 | 4800×4200×2900 |



工程胎切条机

OTR tire strip cutterr

工程胎切条机用于将工程胎处理一体机分解后的轮胎切成5-15厘米条状。  
OTR tire strip cutter is used to cut tires decomposed by the OTR Tire Processing All-in-One Machine into 5-15cm strips.

| 型号<br>model                   | QT60-16        | QT60-28        | QT60-40        |
|-------------------------------|----------------|----------------|----------------|
| 功率 (kw)<br>motor power        | 10.5           | 11.5           | 16.5           |
| 加工范围 (mm)<br>processing range | 1300-1600      | 1600-2800      | 2800-4000      |
| 产量 (pcs/h)<br>capacity        | 10-15          | 4-6            | 1-3            |
| 重量 (kg)<br>weight             | 1650           | 2150           | 2650           |
| 尺寸 (mm)<br>size               | 2190×1010×2180 | 2600×1600×3400 | 3400×1600×4600 |



工程胎切块机

OTR Tire blocks cutter

工程胎切块机用于切条处理后的轮胎条状、橡胶条状分解成3~12厘米块状使用。  
OTR Tire blocks cutter is used to process pre-cut tire or rubber strips into blocks ranging from 3 to 12 cm in size.

| 型号<br>model                   | QK500          |
|-------------------------------|----------------|
| 功率 (kw)<br>motor power        | 38.5           |
| 加工范围 (mm)<br>processing range | 轮胎条及橡胶条        |
| 产量 (kg/h)<br>capacity         | 3000-4000      |
| 重量 (kg)<br>weight             | 2150           |
| 尺寸 (mm)<br>size               | 1821×1187×1941 |



OTR钢圈分离机

OTR Bead wire separator

OTR钢圈分离机用来处理轮胎胎侧内口，将其内部钢丝全部取出。  
OTR Bead wire separator is used to remove a bundle of steel wires intactly from tyre sidewalls and beads.

| 型号<br>model                   | GF320          |
|-------------------------------|----------------|
| 功率 (kw)<br>motor power        | 32.2           |
| 加工范围 (mm)<br>processing range | 1600-4000      |
| 产量 (pcs/h)<br>capacity        | 2-3            |
| 重量 (kg)<br>weight             | 2350           |
| 尺寸 (mm)<br>size               | 1930×1670×2050 |





胎侧切割机

Truck tires sidewalls cutter

胎侧切割机用于轮胎胎侧同胎冠的分离。  
Truck tires sidewalls cutter is used to cut both sidewalls from truck tires by one time

|                               |                |
|-------------------------------|----------------|
| 型号<br>model                   | QTC1200        |
| 功率 (kw)<br>motor power        | 8              |
| 加工范围 (mm)<br>processing range | 750-1200       |
| 产量 (pcs/h)<br>capacity        | 60-80          |
| 重量 (kg)<br>weight             | 750            |
| 尺寸 (mm)<br>size               | 2030×1200×1010 |



双边切割机

Hydraulic sidewalls cutter

双边切割机用于快速切割轮胎两边胎侧。  
Hydraulic sidewalls cutter is used to cut two sidewalls from whole tyre at one time quickly.

|                               |               |
|-------------------------------|---------------|
| 型号<br>model                   | SQB380Y       |
| 功率 (kw)<br>motor power        | 9.5           |
| 加工范围 (mm)<br>processing range | 825-1200      |
| 产量 (pcs/h)<br>capacity        | 40-60         |
| 重量 (kg)<br>weight             | 1300          |
| 尺寸 (mm)<br>size               | 2080×890×1520 |



小车胎切割机

Car tire sidewalls cutter

小车轮胎切割机用于小车轮胎双侧快速切割。  
Car tire sidewalls cutter is used to cut both sidewalls from car tire by one time.

|                               |              |
|-------------------------------|--------------|
| 型号<br>model                   | QTC700       |
| 功率 (kw)<br>motor power        | 1.5          |
| 加工范围 (mm)<br>processing range | <750         |
| 产量 (pcs/h)<br>capacity        | 60-100       |
| 重量 (kg)<br>weight             | 320          |
| 尺寸 (mm)<br>size               | 1200×600×920 |



钢圈分离机

Bead wire separator

钢圈分离机用来处理轮胎胎侧内口，将其内部钢丝全部取出。  
Bead wire separator is used to remove a bundle of steel wires intactly from tyre sidewalls and beads.

|                               |                |
|-------------------------------|----------------|
| 型号<br>model                   | GF240          |
| 功率 (kw)<br>motor power        | 15.75          |
| 加工范围 (mm)<br>processing range | 750-1200       |
| 产量 (pcs/h)<br>capacity        | 30-40          |
| 重量 (kg)<br>weight             | 1800           |
| 尺寸 (mm)<br>size               | 1560×1100×1450 |

套胎机

Car tire packing machine

套胎机用于将小车胎切割机分解后的多个胎冠套装在一起。  
Car tire packing machine is used for doubling and tripling packing cutted car tires.

|                               |              |
|-------------------------------|--------------|
| 型号<br>model                   | TDDDB700     |
| 加工范围 (mm)<br>processing range | <750         |
| 产量 (pcs/h)<br>capacity        | 60-100       |
| 重量 (kg)<br>weight             | 105          |
| 尺寸 (mm)<br>size               | 780×600×1990 |



液压切断机

Hydraulic tyre cutter

液压切断机是将去除内口钢丝的轮胎切成3-4块。  
Hydraulic tyre cutter is used to cut tyres without two beads into 3-4pieces.

|                               |               |
|-------------------------------|---------------|
| 型号<br>model                   | QDY700        |
| 功率 (kw)<br>motor power        | 5.5           |
| 加工范围 (mm)<br>processing range | 750-1400      |
| 产量 (pcs/h)<br>capacity        | 15-20         |
| 重量 (kg)<br>weight             | 1500          |
| 尺寸 (mm)<br>size               | 1720×950×1880 |





## 筛选系列

Shaking sieve series

### 主筛

用于筛选破碎机产出的1-5毫米的橡胶颗粒。该设备采用导轨式直线筛的形式。筛网材料采用不锈钢条形焊接网或冲孔网，产量达到每小时1.5吨。

The main shaking sieve:it applicable for sieve out rubber granule (1-5mm) produced from crusher.the sieve material is stainless weld mesh or punching mesh,capacity can reach 1.5ton per hour.



### 二次筛

筛选破碎机破碎后的0.6-4毫米的橡胶粉。该设备采用悬挂式直线筛的形式。筛网材料采用碳素钢丝编织网，产量达到每小时2吨。可采用多出口设计，同时分选出多种规格胶粉。

Vice shaking sieve:it applicable for sieve out rubber powder(0.6-4mm) produced from crusher.the sieve material is carbon steel woven mesh,capacity can reach 2ton per hour. Seveal exits can be designed to sieve out rubber powder in different specification at one time.



## 输送系列

Conveyor series

### 带式输送机

V型橡胶平带传输的方式传送物料，输送带为500/600/800/1000mm的人字花纹环形无缝联接硫化接头。输送量可达到每小时5吨。

Belt conveyor:it convey material by V type rubber flat belt,the belt is annular and seamless vulcanized joint whose size is 500/600/800/1000mm.capacity can reach 5ton per hour.



### 轻型输送机

该设备以PVC平带输送的形式传送物料，采用自动校正跑偏设计。输送量为每小时1.5吨。

Flat conveyor: it convey material by PVC flat belt, capacity can reach 1.5ton per hour.



## 磁选系列

Magnetic separation series

### 带式磁选机

采用永磁辊传输带形式，磁辊尺寸为 $\phi 180/\phi 220/\phi 320$  mm，输送带采用为PVC轻型带。可多台组合使用，提高磁选效果，磁选效果>99%。

Belt magnetic separation machine :it separate wires from material by permanent magnetic rollers,whose sizes are  $\phi 180/\phi 220/\phi 320$ mm, convey belt is PVC flat belt.



### 三辊磁选机

Three rollers magnetic separation

本机用于钢丝轮胎生产胶粉时毛细钢丝的磁选分离。采用辊筒连续磁选形式，钢丝输送不需传输带。彻底解决钢丝扎输送带的问题。是胶粉生产企业的理想换代产品。

The machine is used to separate little wires from rubber powder by the strong magnetic field from machine rollers.

| 型号model                             | SGCX320       |
|-------------------------------------|---------------|
| 辊筒工作长度(mm)<br>roller working length | 500/600/800   |
| 辊筒直径(mm)<br>roller diameter         | $\phi 320$    |
| 产能(kg/h) capacity                   | 1000-2000     |
| 磁选效果magnetic<br>separation accuracy | >99%          |
| 功率(kw)power                         | 0.75          |
| 尺寸(mm)size                          | 1170×1200×960 |

### 带式输送机

V型橡胶平带传输的方式传送物料，输送带为500/600/800/1000mm的人字花纹环形无缝联接硫化接头。输送量可达到每小时5吨。

Belt conveyor:it convey material by V type rubber flat belt,the belt is annular and seamless vulcanized joint whose size is 500/600/800/1000mm.capacity can reach 5ton per hour.



| 型号<br>model                                           | DLX320             |
|-------------------------------------------------------|--------------------|
| 辊筒工作长度<br>roller working length(mm)                   | 500                |
| 辊筒直径<br>roller diameter(mm)                           | 320                |
| 辊筒转速<br>roller rotate speed(rpm)                      | 40-200(adjustable) |
| 产量<br>capacity(kg/h)                                  | 800                |
| 辊筒工作面磁场强度<br>roller surface magnetic<br>intensity(GS) | 1000~2000          |
| 尺寸<br>size(mm)                                        | 1060×1200×1810     |

### 闭式精磁选机 Double rollers magnetic separation

独立磁选机是将胶粉直接通过辊筒表面的强磁场将含有更细小的钢丝碎粒分选出来，提高橡胶粉的纯度，进一步减少胶粉中铁杂质的含量。

It is designed to separate little wires crumb from rubber powder by the strong magnetic field from machines rollers,the purity of rubber powder can be improved further.



### 纤维分离机

#### Fiber(nylon) separator

用于分离胶粒或胶粉中的绒毛纤维。该设备是利用胶粉和纤维的比重差，利用气流分离.通过调节风叶板的角度，改变机体内部气流速度实现高精度分离。  
It is applicable for separate fluff fiber from rubber granule or rubber powder.as their different weight, it separates the two kinds of materials apart by air flow.high effeciency can be reached by adjust the angle of fans inside machine.



fiber



rubber powder

|                             |                |
|-----------------------------|----------------|
| 型号<br>model                 | KF1200         |
| 处理范围<br>processing range    | 6-80mesh       |
| 分离精度<br>separation accuracy | >85%           |
| 产量(kg/h)<br>capacity        | 800            |
| 功率(kw)<br>motor power       | 7              |
| 尺寸(mm)<br>size              | 2500×1500×3860 |

### 螺旋输送机

LX/U型螺旋输送机用于橡胶粉、橡胶颗粒等其它粉状、颗粒状物料的封闭输送和冷却降温。

Spiral conveyor:LX /Useries spiral conveyor is designed for transport and cooling rubber powder and rubber granule.



### 胶粉冷却设备

#### Vaccum collect device

采用负压气力输送，利用空气实现胶粉冷却，达到降温目的。  
It is used for cooling the temperature of rubber powder by air and collecting them.

|                            |                |
|----------------------------|----------------|
| 型号<br>model                | XF600          |
| 降温效果<br>cooling effeciency | >30℃           |
| 产量(kg/h)<br>capacity       | 800            |
| 功率(kw)<br>motor power      | 3              |
| 尺寸(mm)<br>size             | 1000×2000×2600 |



### 吨袋包装

#### Jumbo bag packing

采用吨袋包装，螺旋输送，自动计量。可根据客户要求订制双工位连续包装形式。计重范围：100~1000kg。

Rubber powder can be packed by jumbo bag which is conveyed by spiral and weighed automatically.weigh range:100-1000kg.



### 小包装

#### Small bag packing

采用电脑控制自动包装机，自动封口。计重范围：15~50kg。  
Automatically packing device controlled by computure can seal the bags automatically weigh range:15-50kg.





## 冷却系统

### Cooling system

冷却系统采用循环水冷却形式，有效节约冷却水池容量。

Cooling system cooling temperature of water by utilizing circular water that save the volume of water effectively.



冷却水塔  
Cooling tower



蒸发式水冷系统  
Evaporative cooling device

## 自动上料装置

### Auto Feeding Device

立体式仓储，振动给料，给料量可调，自动化生产的配套设备。

Stock hopper used for stocking tire chips,vibrated feeder used for feeding tires chips onto tire crusher evenly.



## 橡胶颗粒机

### Tyre granulator

本机采用纯剪切形式生产硫化橡胶颗粒。所产颗粒棱角分明，美观，是橡胶地砖、运动场跑道、人造草坪、幼儿园场地首选材料。刀具采用整体合金设计，使用寿命更长，有效降低刀具更换修磨频率。该设备是生产EPDM橡胶颗粒首选设备。本机也可以用于PE、PVC的破碎。

It is applicable for producing vulcanized rubber granule by ways of cutting.The rubber granule with angular shape and beautiful appearance is the first choice for rubber tile, rubber runway,artificial grass and kindergarten.the blades from machine is wholly designed with special alloy that canprolong its using life and lower times of repair. It is the optimal equipment for producing EPDM.It is also applicable for crush PE,PVC.



| 型号<br>model                    | PS4060  | PS4080  |
|--------------------------------|---------|---------|
| 入料尺寸(mm)<br>feeding size       | <50     | <50     |
| 出料尺寸(mm)<br>output size        | 1-5     | 1-5     |
| 动刀数(pcs)<br>quantity of blades | 18      | 24      |
| 功率(kw)<br>motor power          | 30      | 45      |
| 重量(kg)<br>weight               | 1050    | 1450    |
| 产能(kg/h)<br>capacity           | 400~500 | 500~700 |



screen mesh



blade



Let us creat a wonderful world with blue sky





## 液压打包机

Hydraulic tire baling machine

本机用于废橡胶、轮胎压缩包装之用。机器采用自平衡双液压立式模压设计，双侧液压缓冲开门，安全方便。并设计有推包机构，轻松出包。是轮胎处理行业压缩运输的理想设备。

This machine is used for compression and packaging waste rubber and tire .The machine adopts self-balancing double hydraulic vertical molding design, and the double-sided hydraulic buffer opens the door, which is safe and convenient.



### 技术参数：Technical Data

|                      |                |
|----------------------|----------------|
| 型号model              | YBZ150         |
| 包装尺寸(mm)packing size | 1500*750*1200  |
| 压力(T)pressure        | 160            |
| 功率(kw)motor power    | 15             |
| 重量(kg)weight         | 7000           |
| 尺寸(mm)size           | 2200×1500×5120 |



用于多种型号切圈机

Applied to QKF850/1150/1500/  
2400/2800/3600



用于切条机，双边切割机

Applied to QT380strips cutter,SQB  
380Ysidewall cutter



用于切块机，自动化切块机

Applied to QK200/350  
blocks cutter



用于钢圈分离机

Applied to GF240 bead  
wire separator



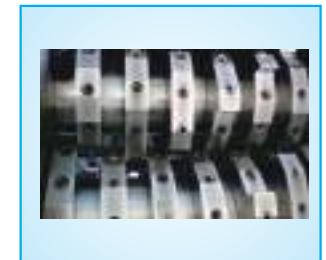
用于液压切断机

Applied to QDY700  
hydraulic tyre cutter



用于筛选机

Applied to XKP series  
tyre crushing line



用于轮胎粉碎机

Applied to LP1200  
tyre shredder



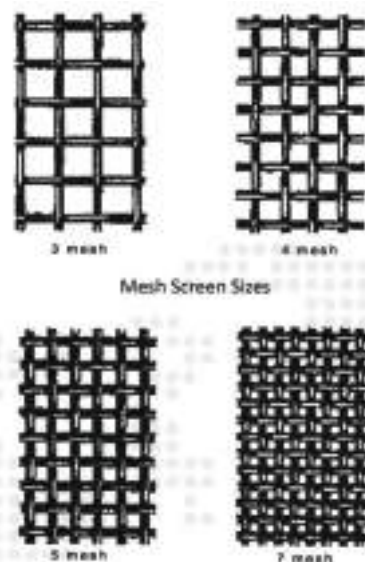
用于破胶机系列

Applied to XKPseries tyre crusher



## 标准检验筛

Standard testing sieve



目数参照表  
Different mesh sepecification

| 目数<br>mesh | 网孔尺寸<br>aperture size(mm) | 颗粒尺寸<br>rubber particle size(mm) |
|------------|---------------------------|----------------------------------|
| 5          | 4.0                       | 4.0                              |
| 8          | 2.5                       | 2.362                            |
| 10         | 2.0                       | 1.7                              |
| 16         | 1.18                      | 1.0                              |
| 20         | 1.00                      | 0.833                            |
| 24         | 0.75                      | 0.701                            |
| 26         | 0.71                      | 0.635                            |
| 30         | 0.6                       | 0.542                            |
| 40         | 0.45                      | 0.38                             |
| 60         | 0.28                      | 0.25                             |
| 80         | 0.22                      | 0.18                             |

