



## SL-1200 Double Hooks Tire Debeader



• Waste tires



• Tire after debeading

SL-1200 Double hooks debeader is used to pull out both bead wires of the tire sidewalls completely at the same time before cutting and shredding process. It mainly consists of motor, speed reducer, transmission gears, round hooks, cross-hole plate, support boards, base plate, bearing pedestal, feeding device, and control cabinet.

### Structure and principle:

- ◆ This machine uses integral base pedestal, easy installation and operation, it is the most efficient debeader in current market;
- ◆ Twin hooks design to pull out bead wires at 3 times the speed of the single hook debeader;
- ◆ Mechanical transmission and round hook design, high efficient and small occupation area;
- ◆ Circuit protection system, safety protection frame to make the operation easy and safe;
- ◆ Round hook, cross hole plate and gears are made of materials after special treatment, wearable, heavy-duty, easy maintenance and long life.

### Main Technical Parameter

Name	SL-1200
Motor power (Kw)	15
Capacity (pcs/hour)	60~100
Outer diameter of the tire (mm)	≤1200
Pulling force (T)	30
Dimensions (mm)	2250*1650*1500
Weight (Kg)	6500



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## SSJ-1200 Belt Conveyor



### Introduction

SSJ Belt Conveyor is used to connect different machines to make a continuous processes, it is specially designed for convey tires, tire scraps, rubber chips, etc. This machine mainly consist of motor, speed reducer, conveying belt, roller, machine frame and blocking plate, etc.

### Structure and principle:

- ◆ According to conveying materials and connecting machines, different motor power, belt type, conveying speed and blocking plate type for the conveyor are used;
- ◆ Adjustable upper and lower rollers, the rollers have self-aligning core to avoid slipping or deviation during transportation;
- ◆ Direct turbine worm wheel driving, can convey in horizontal or inclined direction.

### Main Technical Parameter

Model	1200
Conveying distance (m)	5~8
Conveying height (m)	2~4
Belt conveyor width (mm)	1300mm
Conveying speed (m/minute)	2~20
Motor power (Kw)	2.2
Weight (Kg)	1200



## ZPS-1200 Whole Tire Shredder



• Tire after debanding

This machine is a special equipment for crushing the whole waste steel wire radial tire under normal temperature. The tire rubber chips are less than 50x50mm. It mainly consists of motor, speed reducer, machine frame, twin shafts, shredding blades, rotary screener, transmission system, etc.



• Cut tires scraps

### Structure and principle:

- ◆ The shredding chamber adopts folio compact structure for easy maintenance;
- ◆ The shredding blades edges are made of hard alloy after special hardness treatment, wear-proof. Heavy-duty, advanced technology and high output;
- ◆ The machine adopts low noise, steady and high torque planet-gear speed reducer, easy and safe operation;
- ◆ The rotary screener is of steel net structure which has large area for screening qualified size of tire chips to discharge quickly.
- ◆ Low consumption, high output and advanced technology.



• Tire chips

### Main Technical Parameter

Model	ZPS-1200
Capacity(T/hour)	3~4
Specification of feeding(mm)	≤1200
Specification of discharging(mm)	≤50x50
Main Motor(Kw)	45x2
Discharging Motor (Kw)	4
Cutter rotate speed(r/min)	13
Dimension (LXWXH)(mm)	4100x3100x3500
Weight(T)	18



## SSJ-800 Belt Conveyor



• Waste tires



• Cut tire



• Tire chips

### Introduction

SSJ Belt Conveyor is used to connect different machines to make a continuous processes, it is specially designed for convey tires, tire scraps, rubber chips, etc. This machine mainly consist of motor, speed reducer, conveying belt, roller, machine frame and blocking plate, etc.

### Structure and principle

- ◆ According to conveying materials and connecting machines, different motor power, belt type, conveying speed and blocking plate type for the conveyor are used;
- ◆ Adjustable upper and lower rollers, the rollers have self-aligning core to avoid slipping or deviation during transportation;
- ◆ Direct turbine worm wheel driving, can convey in horizontal or inclined direction.

### Main Technical Parameter

Model	800/650/500
Conveying distance (m)	5~8
Conveying height (m)	2~4
Belt conveyor width (mm)	800/650/500mm
Conveying speed (m/minute)	2~20
Motor power (Kw)	1.1~1.5
Weight (Kg)	650/500/400



## PSJ-900 Rubber Rotating crusher



• Tire chips



• Rubber granules after treatment



### Introduction

The machine is special designed for crushing about 60x60 mm tire blocks to be 8-12 mm rubber granules under normal temperature, It mainly consists of motor, speed reducer, machine frame, main shaft, shredding blades, air fan, dust collect pipe, etc.

### Structure and principle:

- ◆ The shredding blades edges are made of hard alloy after special hardness treatment, wear-proof. Heavy-duty, advanced technology and high output;
- ◆ The machine adopts low noise, steady and high torque planet-gear speed reducer, easy and safe operation;
- ◆ Low consumption, high output and advanced technology.

### Main Technical Parameter

Model	PSJ-900
Dia Main shaft (mm)	Φ200
Rotating Speed (RPM)	350
Input size (mm)	50x50mm scrap tires blocks
Output size (mm)	8~12
Capacity (Kg/h)	800~1200
Cooling system	Air cooler
Power (Kw)	55
Weight of machine (Kg)	4300
Dimension (mm)	3000x2200x2600



## CSJ-1000/800 Rubber Crusher



The Rubber Crusher is horizontal type machine, small cubage, low wastage, high capacity, easy operation, easy wash and maintains. This machine is suitable for pharmacy, chemical, food, and construction industry. It mainly consists of motor, assistant drive plate, machine frame, knives, feeding room, screen supporter, screen, discharging outlet and control cabinet, etc.

### Structure and principle

- ◆ The machine adopts hard alloy or wear-proof steel knives, can crush various kind hard materials coarsely. The raw materials are crushed by the cutting of rotary knives and fixed knives.
- ◆ Option part: air cyclone

### Technical Data

Model	CSJ-1000	CSJ-800
Input size( mm):	100~200mm	100~200mm
Output size(mm):	3-10mm rubber granules (as screen size)	1~5mm rubber granules (as screen size)
Power(Kw):	40	30
Capacity(Kg/h):	About 700~800kg/h	About 400~600
Weight(Kg):	1800	1800
Dimension: (LxWxH mm:)	1900x1800x1900	1750x1640x1900



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## XFJ-1100 fiber separator



• Rubber granules mixed fibers



• Rubber granules



• Fibers



XFJ-1100 Fiber Separator is an ideal air separation equipment, it is used for separating fluff fiber mixed in rubber granules or powders to improve the purity of the rubber powder and quality of reclaimed rubber. It mainly consists of motor, feeding pipe, big impeller, wind plate, disperse plate, adjusting plate, upper cylinder, lower cone and machine frame, etc.

### Structure and principle:

According to different raw materials and content percentage of fiber, you could change the upstream air volume by adjusting the wind blocking plate and also angle of the big impeller without shutting down the machine to get pure rubber granules and powder;

The machine works in low speed, adopting circulating air, no friction, durable, energy saving and high efficiency;

Fluff fiber separation up to 99%;

The whole machine is sealed with negative air pressure inside, without air pollution, low noise.

### Main Technical Parameter

Model	XFJ-1100
Power (Kw):	4+6.25
Capacity(Kg/h):	500~1000
Number of lamina(Pcs)	8
Rotate speed of main axis(r/min)	400
Dimension: (LxWxH (mm))	1600x1600x4500

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## **JFS-800 Rubber Powder Screener**



Use: This machine, rubber powder screener, use vibrating motor to force the materials disperse, move forward on the screening net to separate rubber granules into different sizes, while other relevant machines can separate the steel wires and fibers by the screen net.

Structure and principle:

- Using vibrating motor as vibrating source, reliable and easy operation;
- Used as a platform for multiple jobs as rubber granule screening, fiber separating, steel wire separating processes, wide applications, high efficient and small floor area;
- High screening accuracy, high screening volume, compact structure;
- With multiple outlets for different screening sizes, is an indispensable equipment in tire recycling.

Technical Data:

Model	JFS-800
Capacity	500-1000kgs/h
Motor Power	3kw
Time of To and fro	260times/minute
Distance	50mm
Dimension	4500x800x1200mm
Weight	480kgs



## CXFJ-32 Rubber Fine Mill



• Rubber granules



• Rubber powders



• Super fine rubber powders

### Introduction:

CXFJ-32 Rubber fine mill is used to mill 1~4mm pure rubber granules into rubber powders in 20~40mesh under normal condition. It mainly consists of milling motor, frequency conversion feeder, adjusting device, feeding hopper, fixed and rotary mill discs, machine frame, main shaft, collecting pipe, circulating water cooling system.

### Structure and principle

- ◆ The machine use tungsten carbide as the milling surface of the milling discs, the milling disc base is made of special treated materials. Crashing-proof, wearable, durable and good ductility.
- ◆ The whole machine adopts horizontal structure. Most parts are CNC processed to ensure the installation accuracy. Compact structure, low power and vibration, easy operation and maintenance.
- ◆ Internal circulating water cooling system can ensure ideal temperature for the milling discs during production, the rubber powder will not get burnt and sticky.



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## Main Technical Parameter

Model	CXFJ-32
Input size (mm)	1-4
Output size (mesh)	20-40mesh
Power (Kw)	38.5Kw
Capacity (Kg/h)	140~180 Kg/h
Cooler	Water cooling
Weight (Kg)	1500 Kg
Dimension (LxWxH) (mm)	1900x1400x1320

## JFS-500 Rotating screener



• Rubber powders



• Super fine rubber powders

### Introductions:

JFS-500 Rotary screener is used for grading rubber powder. Rubber is elastic and easy to jam during screening, we developed this special screener to suit its characteristics, it is mainly consists of motor, screener body, screen shelf, impeller, feeding hopper, draught fan and cyclone, etc.



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## Structure and Principle

The machine are fed into the screen chamber by conveyor, under the centrifugal force generated by the rotating impeller, the rubber powder are shrew through the screen holes and then discharged via cyclone, change the screen of different hole sizes to get different size of output. The machine is easy to operate and dismantle with wide applications.

## Main Technical Parameter

Model	JFS-500
Power (Kw)	11
Capacity (Kg/h)	100-400
Spindle speed (r/min)	1470
Weight (Kg)	1000
Dimension (LxWxH) (mm)	2300x1020x1320
Fineness of the output (mesh)	30-100