

Application:

The Rubber Powder that recycled from the scrap tires is widely used in the industries. It is mainly used as modified asphalt for highway construction and it is one of the biggest consumption markets for rubber granules.

应用:

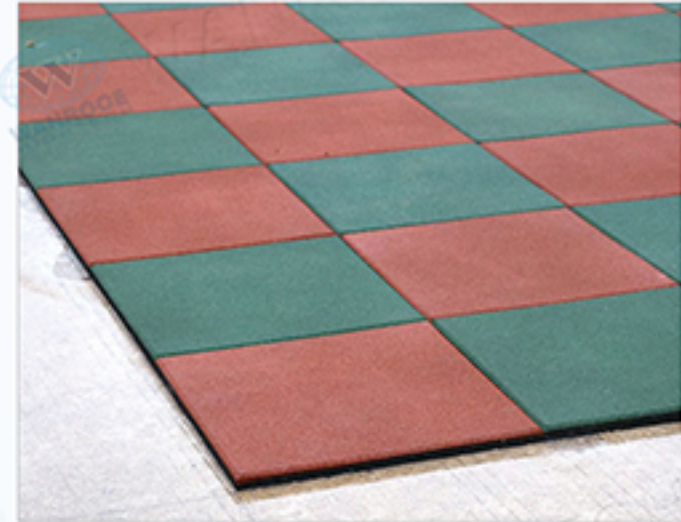
从废轮胎中回收的胶粉在工业上得到了广泛的应用，其中用于公路建设的橡胶粉改性沥青，是消耗橡胶粉的最大的应用市场。



土工/沥青的应用 Geotechnical/asphalt applications

排水管，道路和车道铺路用的橡胶沥青，过滤器，土壤调节/道路覆盖，冲洗管，赛马场，人行道障碍物，铁路裂缝密封胶，道路建设和养护。

Drainage pipes, rubber asphalt used for road and driveway paving, filters, soil conditioning/road coverage, porous flushing pipes, racetracks, sidewalk obstacles, Railway crack joint sealant, road construction, and maintenance.



运动场地铺设 Paving of sports grounds

跑道、学校运动场、游泳场周围及花园小道、保龄球场、人行道、幼儿园运动场地及娱乐场、网球及篮球场。

Runway, school sports ground, swimming pool surrounding and garden trails, bowling alleys, sidewalks, kindergarten sports grounds, and entertainment fields, tennis, and basketball courts.



汽车工业 Automobile industry

火车的地板垫、制动盘带、汽车和货车的地板、刹车闸衬套、密封条、缓冲器、减震器、汽车车身底封及不锈钢材料、防溅及防污、海运日常原料、轮胎及其轮胎内垫。

Train floor mats, brake disc ribbons, floors of cars and trucks, brake bushings, sealing strips, buffers, shock absorbers, automobile body bottom seals and stainless steel materials, splash, and dirt, shipping daily raw materials, tires, and tire inner pads.



建筑/设备 Construction/Equipment

胶粘剂/密封剂，医院，公司，浴室地板，绝缘橡胶材料，地毯垫，牲畜草席，挤出产品，废制动面，模具产品，涂料，水坝，仓库，池塘，废物处理站，砖瓦屋顶衬里和覆盖物，凸起的图案地板，房屋标牌，板材，防水材料，防震，垫片，屋顶和墙壁的防水材料。

Adhesives/sealants, hospitals, companies, bathroom floors, insulating rubber materials, carpet pads, livestock straw mats, extrusion products, waste brake surfaces, mold products, coatings, dams, warehouses, ponds, waste treatment station, brick roof liner and covering, raised patterned floor, house sign, sheet, waterproof material, shockproof, gasket, waterproof material for roof and wall.



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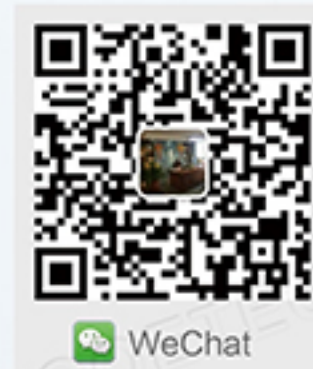
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Website

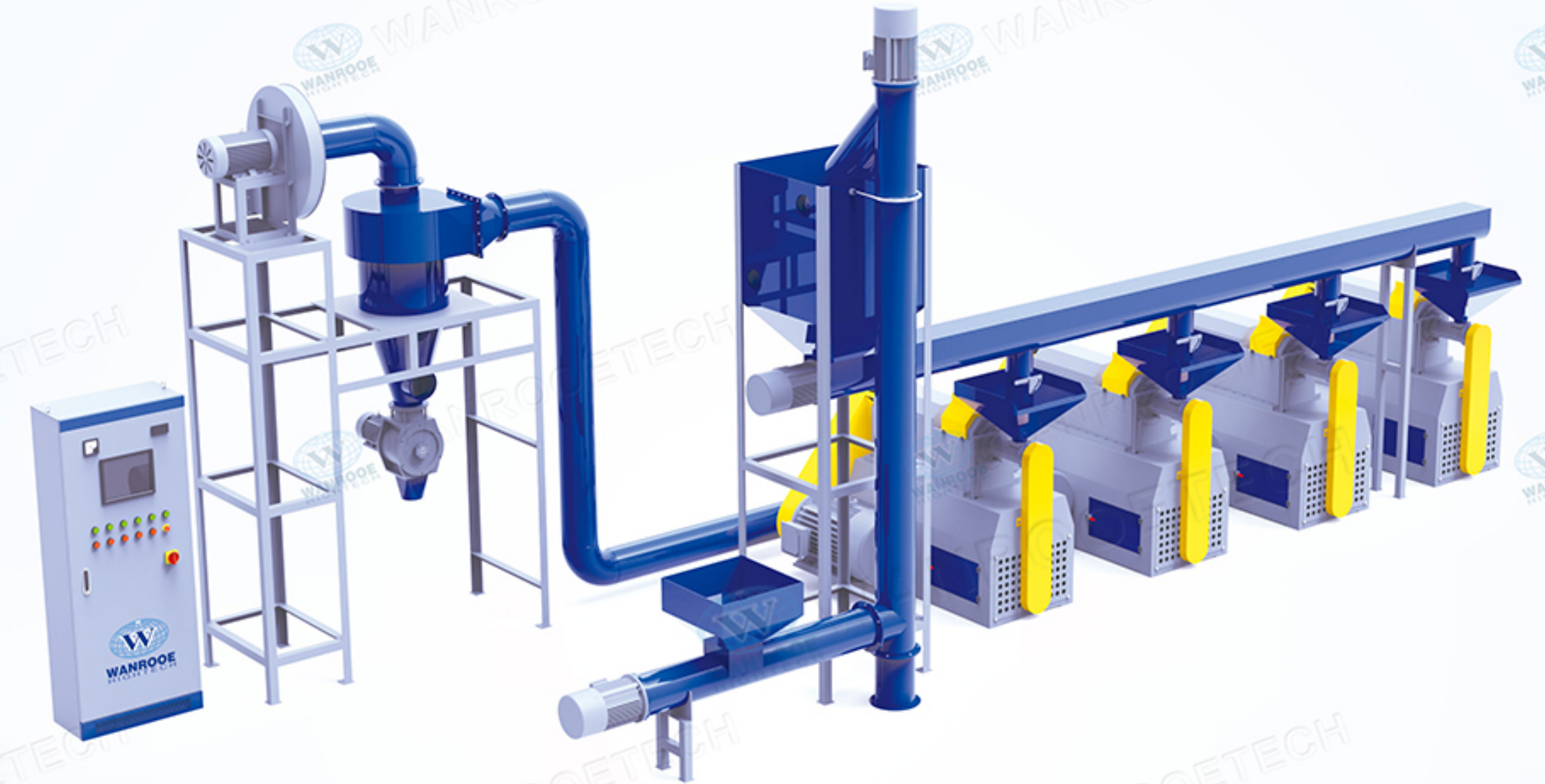


WeChat

WASTE TIRE RUBBER Pulverizer

橡胶轮胎磨粉

橡胶轮胎磨粉机是在常温下将1-6mm橡胶轮胎颗粒磨成30-120目橡胶粉的理想选择。



NEVER STOP TO IMPROVE
THE QUALITY AND SERVICE
追求服务与质量永不止步

The rubber milling machine is ideal for grinding 1-6mm rubber tire particles into 30-120 mesh rubber powder at normal temperatures.

Instruction:

This tire recycling equipment is designed to grind 1–6mm rubber granules from RP series rubber granulators to 30–120 mesh fine rubber powder according to demand. It features with convenient operation, high speed grinding disc which makes a continuous operation.

This tire recycling equipment composes of one rubber pulverizer, cyclone collection structure and the whole electrical system. The main recycling machine, the rubber pulverizer includes the main motor, infinitely variable transmission motor, feeding and adjustable parts, as well as one pair of stationary and rotary grinding discs. The basic principle of the scrap tire recycling the machine is the two discs rotate in different orient thus to creat friction between them, this friction generates forces to cut and grind the materials until the desired size is reached. It adopts a wind and water cooling system to control the grinding temperature makes sure the high quality of the ground material, so as to meet the products requirement.

该轮胎回收设备可根据需要将RP系列橡胶磨粉机中的1–6mm橡胶颗粒研磨成30–120目细橡胶粉。它具有操作方便，高速磨盘可连续运行的特点。

该轮胎回收设备由一台橡胶磨粉机，橡胶离心筛和整个电气系统组成。万容橡胶轮胎磨粉机主要包括主电机，无级变速电机，进料和调节部件，以及一对固定和旋转磨盘。废旧橡胶轮胎磨粉机的基本原理是，两个圆盘以不同的方向旋转，从而在它们之间产生摩擦，该摩擦会产生力来切割和研磨物料，直到达到所需的尺寸为止。它采用风水冷却系统来控制磨削温度，确保了被磨物料的高质量，从而满足了产品的要求。



Tires



Rubber Overshoes



Conveyor



Sealing Strips



Rubber Tubes



Tire Inner Pads



Rubber Powder

RP 系列轮胎磨粉机

RP series waste tire rubber pulverizer



Combination 1
(Can be combined and matched freely)

Features :

This structure of tire recycling equipment is compact with low noise, high output, low energy consumption, which is easy to disassemble and assemble. According to all the advantages it has, the miller is easy to operate and the output fine powder is extremely uniform. The internal wear surfaces are lined with replaceable wear liners that are easily changed when worn. This exclusive feature of rasper eliminates the need for any maintenance welding and results in greater machine uptime.

这种轮胎回收设备的结构紧凑，噪音低，高产量，低能耗，易于拆装。根据其所有优点，磨粉机易于操作，出粉细度非常均匀。内部磨损表面衬有可更换的耐磨衬里，当磨损时很容易更换。砂纸的这一独特功能消除了维护焊接的需要，并延长了机器的正常运行时间。

Introduce :

Our factory is a high tech enterprise that professional in the research, development production, and making of environmental mechanical types of equipment. After many years of developing, we are becoming a leading manufacturer in China in producing plastic waste and scraps tire. And the tire recycling plant can be up to the capacity from 1000Tons to 6000Tons per year. Until now, we have opened many markets, such as Mexico, Russia, Poland, India, etc. We hope we can achieve much more success shortly.

我厂是一家专业从事环境机械设备的研发、生产和制造的高科技企业。经过多年的发展，我们已成为中国处理塑料废旧轮胎的领先制造商。轮胎回收厂的年产能可达到1000吨至6000吨。到目前为止，我们已经打开了许多市场，例如墨西哥，俄罗斯，波兰，印度等。我们希望我们能在不久的将来取得更大的成功。



Combination 2
(Can be combined and matched freely)

橡胶轮胎磨粉机刀片

Rubber Tire Pulverizer Blade

The basic principle of the scrap tire recycling machine is the two discs rotate in different orient creates friction between them, this friction generates forces to cut and grind the materials until the desired size is reached. It adopts a wind and water cooling system to control the grinding temperature, makes sure the high quality of the ground material, to meet the products requirement. The material of this blade is tungsten steel, Super wear-resistant; Can be reused through maintenance.



废旧轮胎回收机的基本原理是两个圆盘以不同的方向旋转，在它们之间产生摩擦力，这种摩擦力产生力来切割和研磨材料，直到达到所需的尺寸。采用风水冷却系统控制研磨温度，保证研磨材料的高质量，满足产品要求。本刀片材质为钨钢，超耐磨；维修后可重复使用。

橡胶离心筛(选配)

Rubber Centrifugal Screen(Optional)

Since rubber is an elastic and soft object, it is difficult to sift and easily cause problems such as clogging the mesh. We develop centrifugal screens based on these characteristics. This sieve is adapted to the special requirements of the chemical, plastic, food, pharmaceutical, and other industries. It can solve the problems of multiple fibers, high viscosity, high temperature, static electricity, easy agglomeration, and plugging the mesh during the sieving process. The principle is: the centrifugal force generated by the rotation of the blades throws the materials outward, so as to achieve the purpose of smooth sorting.

由于橡胶为弹性软物体，所以过筛的难度大，容易造成堵塞网孔等问题。我们根据这些特点，研制离心筛。这个筛适应于化工，塑料，食品，医药等行业的特殊要求，可以解决过筛工艺过程中纤维多，粘度大，温度高，有静电，易结块，堵埋网孔等难题。其原理是：由于叶片的旋转产生离心力将物料向外抛出，从而达到顺利分选的目的。



产品参数 Specification	RP-280	RP-300
Main motor power(主电机功率)	22kw×3=66kw	30kw×3=90kw
Speed motor power(调速电机功率)	1.5kw×3=4.5kw	1.5kw×3=4.5kw
Air blower power(鼓风机功率)	7.5kw	7.5kw
Air seal power(气封功率)	0.75kw	0.75kw
Feed size (进料尺寸)	1–8mm	1–8mm
Final fineness(最终成色)	20–80mesh	30–100mesh
Capacity(容量)	200–500kg/h	300–500kg/h
Working temperature(工作温度)	<70℃	<70℃
Dimension(尺寸)	1560x1500x1400mm	1560x1500x1400mm
Weight (重量)	2000kg	2500kg



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