

COMPANY INTRODUCTION

Ecofortune Renewable Energy Co., Ltd.(ERE)

ABOUT US

ERE is committed to designing, developing and manufacturing environmentally friendly scrap tires/rubber recycling equipment. At present, we have four environmental protection processing technologies, mainly using exclusive water-jet system for scrap tires, combined with the existing mechanical shredder and thermal pyrolysis capabilities, greatly increasing the value of recycled products, and completely solving the black pollution problem resulted from scrape tires and fully utilization of resources recycled from scrap tires.



PRODUCT FEATURES

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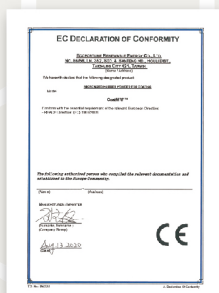
Proprietary and highly specialized water-jet system, WATER JET 2020: the most economically valuable tread rubber combined with the patented water-jet system for recycling, greatly improving the poor quality and low added value of traditional mechanical shredder rubber powder, which is far better than the liquid nitrogen cryogenic method.



OUR FEATURES

WATER JET 2020 adopts a fully enclosed and integrated structure to achieve precise, clean, and low-noise operation, and has unparalleled accuracy, sensitivity and speed, as well as customized flexible design. With advanced programming console, it is easy and flexible to implement water-jet revolutionary reliability and production efficiency to scrap tires recycling industry and is regarded as the most efficient solution for recycling production.

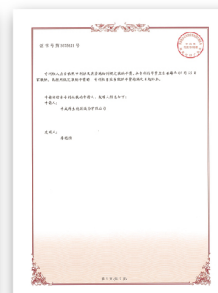
EXCLUSIVE TECHNOLOGY • PATENT CERTIFICATION



EU REACH



CHINA INVENTION PATENT
NO. ZL201610587806.4



U.S. PATENT
No.10,335,799

LARGE SCRAP TIRE PROCESSING FLOWCHART



PRODUCT FEATURES

Exclusive patented WATER JET 2020, the whole process uses clean water at room temperature as the medium to pressurize the water to near sound speed to hit the tire tread, producing a particle size of 80 mesh to 1200 sub-nanometers, completely retaining the physical properties of vulcanized rubber powder. It can dispose of used tire treads of various sizes, and the remaining carcass and sidewalls can still be shredded by traditional machinery, with good technical flexibility and process compatibility. In addition, the water resources used in the whole process are not consumed and used repeatedly, so the construction cost is low, and it is extremely competitive in the market. WATER JET 2020 is current the best solution for environmental stability.

GREEN HIGHLIGHTS



Safe and healthy
operation space



No need
to re-grind



No
additives



No
pollution



30 mesh
rubber powder



30~80 mesh
rubber powder



80~120 mesh
rubber powder

PRODUCT APPLICATION ●●●●

The fine vulcanized rubber powder produced by WATER JET 2020, can be used in waterproofing, anti-corrosion coatings, electromagnetic wave isolation, green building decoration, sound insulation, and highway modified asphalt. In the future, it will be widely used in tires and various types of rubber products. It also In line with energy conservation expectations and sustainable development policies, huge economic, environmental and social benefits.




FUTURE ●●●●

ERE will continue to optimize the WATER JET 2020 and cooperate with all walks of life for equipment, manufacturing process and rubber powder application, so as to expand diversified processing technology and increase reuse value. It is hoped to rely on the green Circular Economy and create more green business opportunities, by giving scrap tires regeneration value, increase the circle economic output value, while meeting the requirements of ecology, energy saving, and environmental protection.

- Towards automation and unmanned manufacturing
- To increase productivity and reduce energy consumption
- To reduce costs and replace natural rubber powder

FUTURE APPLICATION

Product Name	WATER JET 2020				
Green Features	Recycling of scrap tires and reuse of water resources				
Origin	TAIWAN				
Website	https://www.eco-ere.com/	Service mail	connie.chan.tw@eco-ere.com		
Manufacturer	Ecofortune Renewable Energy Co., Ltd.				
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GREEN TRADE PROJECT OFFICE
MINISTRY OF ECONOMIC AFFAIRS



GREEN MARKETING
& CONSULTING