



WIN BY QUALITY
SUCCESS BY SERVICE

Yuxi Machinery Equipment (Zhengzhou)Co.,Ltd



1

YUXI MACHINERY

TYRE SHREDDER MACHINE PROPOSAL

26 YEARS CHINA HIGH-TECH ENTERPRISES



SOLUTION:YX20250819-1L

DATE: August, 19, 2025

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Hello Mr. Amit,

Reference is made to your correspondence with Ms Lucy Lu and we are pleased to submit our quotation for an YUXI TIRE RECYCLING MACHINE, as following:

To: Tyre Recycling Perth

Attn: Mr. Amit

Whatsapp: +61 430 028 365

Email: amitk171988@gmail.com

Input material: Passenger car tires

Production capacity: 2-3T/hour

Output size: 50-70mm rubber blocks

Application: TDF





CONFIGURATION LIST



NO.	Item	Description	Power	Quantity	Price(USD)
1	Debeader	Vertical removal of tire inner steel wire equipment.	15+0.75 kw	1 set	USD8,600.00
2	Tire cutter machine	Cut the waste tyres into 4-5 pieces.	5.5 kw	1 set	USD8,000.00
3	Input belt conveyor	Send the waste tire into double shaft tire shredder	3kw	1 set	USD3,680.00
4	Double shaft tire shredder YX-1000	Rubber materials can be crushed into 1 or 2 inches block	37kw*2+3kw	1 set	USD41,630.00
5	Output belt conveyor	Send the final output rubber block out	3kw	1 set	USD2,690.00
6	PLC control cabinet	Automatic detection, alarm and overload protection functions Automatically adjust and control the feed amount and reverses, forwards		1set	Included



NO.	Model	Detail
1	Specification	<p>YX-1000 Tire Shredder</p> <p>Input size: ≤1000mm tire</p> <p>Output size: 50-70mm rubber blocks</p> <p>Production capacity: around 2-3T/hour</p> <p>Total power consumption: 104.25kw</p>
2	FOB Price (above configuration list shown included)	USD64,600.00 FOB Qingdao,China
3	Sea Freight & Insurance to Fremantle port, Australia	USD2,750.00
4	Total CIF price to Fremantle port, Australia	USD67,350.00
5	Total container	1*40GP
6	Deliver time	45 working days against deposit received
7	Total labor	usually 1-2 workers after master operation
8	Installation	1 engineer, 3-5days,\$150/day
9	Warranty	2 years, exclude easy wearing part
10	Easy wearing part	blade
11	Remark	<ul style="list-style-type: none"> ➤ Optional upgrade configuration e.g planetary reducer, detechable blade is available ➤ The above configuration list is adjustable as per client project need.



TRADE TERMS



Validity

- Valid for **30 days**,subject to our written confirmation.
- Price changes subject to: configuration adjust, variation of more than 2% in dollar rate, raw material cost.

Delivery Time

- With **45 working days** against receive advance payment.

Payment Term

- **T/T (Telegraphic Transfer)**
- 50% as deposit, 50% balance as per PI before leave factory.

Price Basis

- **FOB Qingdao term**

Inspection

- **Pre-shipment inspection via third party available**
- The inspector cost shall be borne by the buyer, the inspection date shall be informed to the seller in advance

Packaging

- Shall be suitably packed in **export worthy packing wherever necessary**



Installation

- **3-5 days, 1 engineers dispatched** for erection and commissioning.
- The cost e.g technician salary(\$150), to and fro airfare,accommodation,visa,insuarance etc shall be borne by buyer.

Warranty Time

- **24 months** staring from the date the buyer receive.
- The seller guarantees that the commodity hereof is made of the best materials with first class workmanship, brand new and complies with the quality and specification stipulted in the invoice.

Demurrage

- Delay pay balance beyond **30days** from the due date, interest will be charged @18% p.a.
- Beyond **45days** in lifting the equipment after readiness, then storage charges @ 0.5% per week on ex-works price will be levied till it is lifted.
- Beyond **90days** in payment and lifting the equipment after readiness, the advance amount can be forfeited and order can be canceled, solely at the discretion of the seller



Debeader

Function

This machine is mainly used to separate the rubber and steel wire on various tire rim openings to obtain a complete traveler

Finished product

-Steel wire in the tire bead



Tire Cutter

Function

This cutting machine is used to cut tires or rubber into rubber segments for the next step to shred.

Finished product

- 3-4 pieces cut tires



Debeader

Model	LSJ-800
Round trip speed(time/min)	1.5
Capacity (pcs)	40-60
Power(kw)	15+0.75
Size(mm)	1560*900*1365
Roller material	Alloy steel
Weight(kg)	1480



Tire Cutter



Model	JQ700
Capacity (pcs)	40
Power(kw)	5.5
Size(mm)	1730*750*1800
Roller material	American standard D2



Benefits:

- Water cooling system to lubricant tires in working chamber
- Improved technology and shredding power using upgrade blade design
- Easy replacement of cutting blades,low maintenance cost
- Perfect shredder,module system for clean cut TDS chips





Benefits

- Improved technology and shredding power using upgrade blade design
- Easy replacement of cutting blades, low maintenance cost
- Perfect shredder, module system for clean cut TDS chips
- Handle various tire input sizes (passenger, truck, super singles, semi-OTR, and cut OTR pieces etc)
- Water cooling system to lubricant tires in working chamber



Input tire size	≤1000mm diameter
Output product size	≤50 * 50 mm
Capacity	2000-3000kg/hour
Power	37kw*2+3kw





The rotary screen is made of high manganese steel, which has been twisted for better wear resistance and weaving effect

The bearing use ZWZ Brand- China Top 1 Brand Bearing.

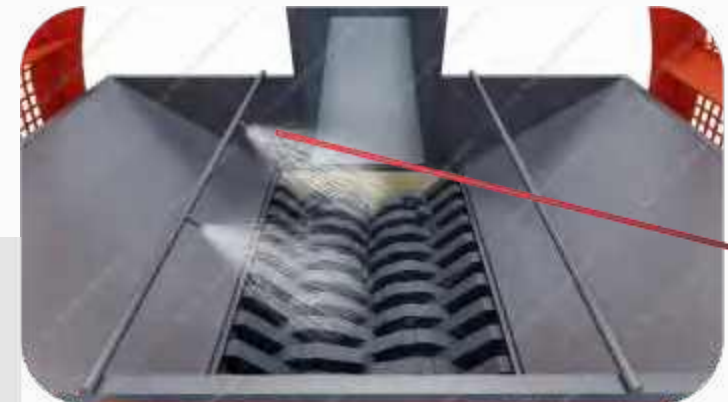
Transmission parts with covers to protect the workers safety

The rotary screen pulley is designed with nylon pulley, which is lightweight and wear-resistant.

There are expansion bolt holes at the bottom, which can fix the equipment on the foundation to maintain the stability of the equipment

Reducer use China First Brand- Jiangsu Taiyu Harden Teeth Surface Reducer

H- Beam Q345 Alloy Steel Support Fram, thickness is 8mm. More consistent with mechanical properties



There is a water spraying device inside the box to reduce temperature and remove dust, which can maximize the service life of transmission components

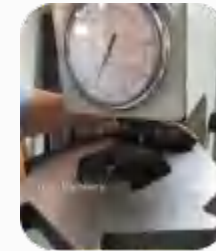


Roller type feeding design reduces friction and improves feeding speed

Blade use America standards H13. After special heat treatment rockwell hardness 55-60HRC. The tool surface has a convex design, which is more convenient for biting materials, increases friction, and improves the wear resistance of the tool,



Blade Processing Process





Part name	Harden Surface Reducer
Brand	Jiangsu Taiyu
Gear material	20CrMnTi
Gear process	Carbirizing, quenching, numerical control gring technology
Features	Long service life, larger output torque, large speed ratio



Part name	Pure copper motor
Brand	Shanghai LiMeng Pure copper Motor
Features	Long service life, low noise National brand, easy to maintenance and replace.



Part name	Rack
Material	Q345 H-type steel
Size	160*160mm
Features	Higher compressive strength, stand more steady.



Part name	Working chamber
Chamber inner size	1004*790 mm
Material	Q345 alloy steel
Features	<ol style="list-style-type: none"> 1. Processed by CNC machining center 2. Opening and closing design 3. Multiple seals



Part name	Main shaft
Shape	Six-axis
Raw material	40Cr
Hardness	55-58HRC
Process technic	Tempering, surface nitriding treatment; 100% ultrasonic damage detecting;

Part name	Bearing
Brand	ZWZ Bearing
Specification	Self-aligning roller bearing with locking sleeve
Features	Long service life, high rotation, efficient operating.



Integrated type
Easy to
maintenance and
repair



Part name	Cutting blades		
Blade quantity	20 pcs	Material of blade	American standard H13
Blade hardness	55-60 HRC	Blade teeth	2 Pcs
Blade diameter	420mm	Blade thickness	50 mm
Blade shape	Integrated type External teeth are small hook angle external triangle with large inclination angle, and the internal teeth are hexagonal		





What Our Valued Customers Say...

Our team is only satisfied when our customers are. Here are a few of our great partners who have experienced YUXI Machinery Equipment technology firsthand.



2TPH TIRE RECYCLING



3TPH TIRE RECYCLING



5TPH TIRE RECYCLING



10TPH TIRE RECYCLING

“We would like to thank YUXI Machinery, our China equipment suppliers and partners for the incredible support and excellent equipment.

Without them we would not be where we are today!” – Mr. Jose. This cooperation has been successful and provided our organization new experiences and competences in recycled rubber markets. We would recommend others to seek cooperation with YUXI Machinery as a future partner.



SHIPMENT & CLIENT SITE

Yuxi Machinery Equipment (Zhengzhou) Co., Ltd



Shipping & Packing



Client Site



- ▶ Shortest Delivery
- ▶ Professional Logistic Team
- ▶ Ensure Safe Arrival
- ▶ Real-Time Updates
- ▶ Friendly Customer Support



- Zhengzhou Yuxi Machinery Equipment Co.,Ltd was established in **1998**. And we obtained **32 patents** and 3 invention patents. Our company is specialized in designing, researching, producing the waste recycling equipment and provide waste treatment solutions. We have professional technical team to provide high quality and efficient after-sale service.
- Our products are successfully exported to **United States, Europe, Australia, Southeast Asia, Middle East, South America , Egypt and other countries.**
- **High quality, high efficiency, energy saving and environmental protection** is the belief that our company has been firmly established.

Recycling is more than just recycling. If the quality is inadequate, the recycled products cannot substitute virgin raw materials – and “recycling” and “sustainability” are nothing more than buzzwords.



CUTTING AREA



MACHINING AREA



SEMI FINISHED PRODUCT



FINISHED PRODUCT

Since our foundation, quality has been the driving force behind development at YUXI. We comply with the strictest industrial standards and we do everything we can to identify and meet our customers’ needs. At YUXI, we work in close cooperation with our customers to create the best possible solution.



Pre-cooperation support

- Online **video conference** for engineers to discuss technical solutions.
- Professional **drawings** and customized service solutions
- Support customers to come to the factory for **inspection**, or third-party inspection.
- **Customize** the color or logo brand according to customer requirements.
- Local **voltage** and Hertz are **customized**



Cooperation

- Customized production and delivery plan allows customers to define the **production stage**.
- Inspection of raw materials. In the production process, there is **strict quality control** from raw materials to finished products.
- Regularly **update production** pictures and videos, and know the order production situation in real time.
- After the production of the machine is completed, provide **commissioning service**, shoot the video of the machine test or the online video call of the customer, and check the machine test situation.



After-sales support

- Operating **manuals and instructions**
- Installation disassembly and assembly **video**.
- The main core components can be delivered **without disassembly**, and after-sales installation is convenient.
- Main core components are **marked with matching numbers** for easy installation and connection.
- Installation **drawings and instructions**
- Engineer **online video conference** for installation guidance.
- **Electrical drawings** and English operation manual
- Provide **free inspection** within one year after installation (considering the epidemic situation, depending on the market)
- Real-time **update during delivery**, real-time tracking after delivery, assistance in customs clearance after arrival, etc.





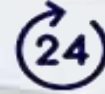
Why You Choose Our Equipment



YUXI standard equipment has no defects and is reliable in operation. Equipment warranty:2 years



YUXI standard, tailored line is ready for work in severe conditions of a range from -20 +50 degree Celsius



The line structurally has a strength reserve that allows to work around the clock in an uninterrupted cycle



YUXI standard equipment can work successfully recycling tires of various sizes



The equipment is manufactured and developed by the experienced, professional technicians



The equipment is a flexible configured system, it can be installed in the premises of all shape



YUXI Machinery Thank You



Our YUXI TEAM thanks you for considering Yuxi Machinery for your tire recycling equipment.

Our team is here to provide you the

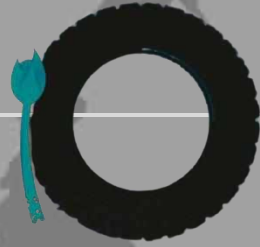
Best Return on Investment and Environment!




END OF
PROCESS

PROCESS AT A YUXI
PLANT

RECYCLED RUBBER
GRANULATES



 Zhengzhou city, Henan province

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