



ECO WC 8000 T Tire Recycling Plant Proposal

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Scope of Project

The ECO WC 8000 T Tire Recycling Plant is designed to process up to 8 tons of input per hour. ECO Green's system is proven to turn whole scrap tires into high quality, wire free rubber chips. It is uniquely designed to allow the customer to adjust the equipment screens for precise sizing control and flexibility for output sizes. Our Wire Free Rubber Chip Systems also utilize a variety of conveying and separation technologies to minimize product losses, maximize efficiency, and maintain a clean operating environment.

System Capacity

Up to 8 metric tons of input per hour of Semi OTR, Truck, and Car Tires

Available Byproducts and Sizes:

Tire Derived Fuel Chips (TDF)-25-150 mm(1-6") Nominal Chip (Removed after Shredder)
Wire Free Rubber Chip-16 mm - 44 mm(.625-1.75") Mulch (removed after The Grater)
Steel

Rubber Chip Purity

98% Free of Steel.

Steel Purity

90%-92% Contaminant free.

Power

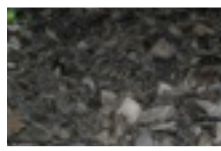
Power Type: 440V / 3Ph / 60Hz or 380V / 3 Ph / 50 Hz(Range)
Total Kilowatts: 760-856 Kw(1020-1150-HP)
Estimated Power Usage Per Hour of Operation: \$91.20-102.75 USD per/hr
***Based on a price of \$.12 per kilowatt hour.



ECO Shredding Process

ECO 182 TS Shredder

ECO Green's two-shaft shredders are designed with an aggressive low RPM, high torque shredding technology. The shredder blade thickness ranges from 25 mm to 152 mm (1-6") depending on the type of tires, throughput, and desired end product.

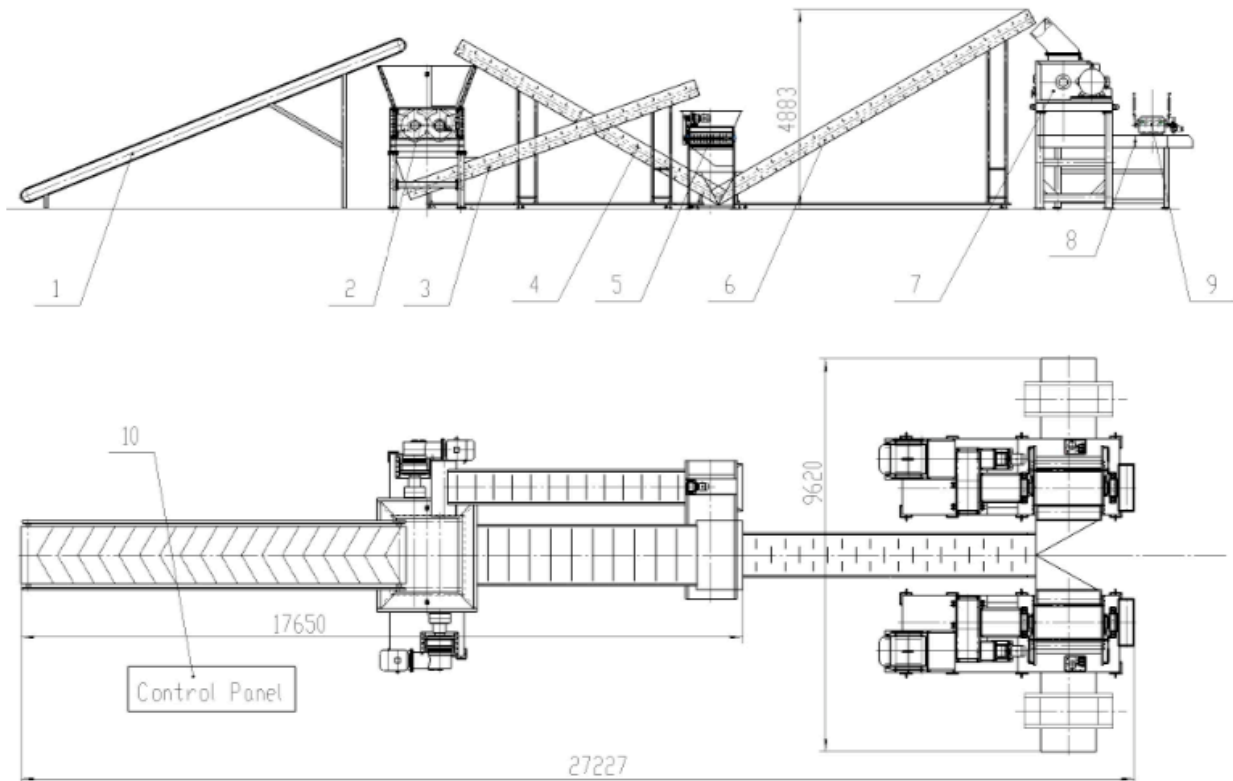


ECO 1500 Grater

The ECO 1500 Grater is the ultimate machine for mid-stream grinding and steel separation. It is specifically designed to take pre-shredded tire chips and produce between 44-16 mm (1.75" - 0.625") wire free rubber chips.



System Layout and Description



#	Qty	Item	Weight	Power Range
1	1	Infeed Conveyor	300 kgs	8.5-7.5 kW
2	1	ECO-182 Shredder	22,800 kgs	125-110 kW
3	1	Discharge Conveyor	300 kgs	8.5-7.5 kW
4	1	Recirculating Conveyor	300 kgs	8.5-7.5 kW
5	1	Disc Screen Classifier	450 kgs	5-4.4 kW



6	1	Infeed Conveyor	300 kgs	8.5-7.5 kW
7	2	ECO 1500 Grater	28,000 kgs	350-315 kW
8	1	Magnet Separation System	300 kgs	8.5-7.5 kW
9	1	Vibrating Screen	1800 kgs	5-4.4 kW
10	1	ECO BRAIN Control Center	NA	NA



Recommended Plant Area

- Warehouse Space*- 1,100 sq meters or 12,000 sq ft with ceiling clearance of 7.5 meters or 25 ft
- Storage Area- determined by buyer
- Office Space-1000 sq meters or determined by the buyer
- All other space deemed as necessary by buyer.

Warehouse size does not take in consideration tire or product storage

Maintenance

- Shredder-Allow for 20 minutes for every 8 hours of run time-tighten bolts, lubricate, and inspect
- Grater-Allow for 60 minutes for 8 hours of run time- tighten bolts, lubricate, inspect blades and screens
- Maintenance and wear costs for the plant are estimated between \$20-25.00 USD per ton

Environmental Compliance-

There are no harmful pollutants generated or released in the recycling process. All fiber or rubber that build up outside of the equipment can be disposed.

Human Resource Requirement-

The plant can be operated by 5-8 people per shift. Estimated employee breakdown-

- 1 Plant Manager
- 1-2 Maintenance Mechanics
- 1-3 material handlers





System Quote–

Sales Price Ex–Works: \$1,209,000 USD

Terms of Sale: 50% down at time of order/ 50% prior to shipment

*****Quote Valid for 30 days*****

Buyer is Responsible for the following–

- Any custom duties, fees, taxes, etc are to be paid directly by buyer
- Freight
- Installation
- Electrical Power
- Cables and wiring
- Building or Land to house the system
- Source of Water
- Source of compressed air
- Ductwork
- Any Permits required
- Any auxiliary equipment-material handling, storage super sacks, tools, and any other equipment not listed on ECO Green's equipment list.

Timeline

Project begins when the purchase agreement is signed and the initial deposit is received. System will be manufactured within 3-4 months from the time the deposit is received. The client will receive a milestone outline within two weeks of placing the order that provide a detailed timeline of the manufacturing and estimated delivery time.

Confidentiality

This proposal and all of its contents, including but not limited to layouts, descriptions, machine information, etc. are for the exclusive use of person and/or company for whom this quote is prepared. This quote contains proprietary information and technical details the sole property of which belong to ECO Green Equipment. No release or disclosure of the technical or pricing information shall be released to any party without prior written consent from ECO Green Equipment. ECO Green reserves the right to prosecute to the fullest anyone who violates this confidentiality.





Warranty

ECO Green Equipments warrants that at the time of shipment to the buyer, all equipment was free of any defects or damages. Twelve (12) months from the date of first use, based on a five (5) day work week and an eight (8) hour work day. For example, if you run your equipment for sixteen (16) hours in one day that would be considered two (2) days. Or eighteen (18) months from the time the first item is shipped to the buyer.

Warranty will become null and void if the machine is used in anyway improperly. Repairs and alterations to the system or machine have been done by someone outside of ECO Green Equipments representation. Failure to complete and return ECO Green Maintenance forms each month.

ECO Green Equipment only warrants items manufactured by ECO Green Equipment. All products manufactured by other companies will fall under that companies warrantee on the product.

It is the responsibility of the buyer to return the defective part to ECO Green. If the part is found to be defective the part will be replaced or repaired and the buyer will be reimbursed for the freight.

ECO Green Equipment will not be responsible for any damage or losses incurred in shipment from the factory.

ECO Green Equipment will not be responsible for damage or losses incurred during operation of our machinery arising from Buyer's disregard or neglect of safety precautions necessary to insure safe operation of our equipment.

ECO Green Equipment reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used herein.

ECO Green Equipment shall in no event be liable for consequential damages or contingent liabilities arising out of failure under this or any other warranty expressed, implied or statutory.

ECO Green Equipment agrees to replace or repair the defective article, part, or machine thereof provided notice of such defect is provided in writing prior to expiration of the "WARRANTY TIME PERIOD" as described herein, and provided said article is made available for inspection by ECO Green Equipment. The extent of this warranty is limited to the correction of the condition, or, at ECO Green Equipment's option, to a refund of the purchase price and return of the used machinery components to ECO Green Equipment, provided notice of such defect is received in writing prior to this warranty expiring, and provided article is available for inspection by ECO Green Equipment.

ECO Green Equipment will not be responsible for labor costs incurred in the removal or reinstatement of defective articles or parts thereof. If the Buyer grants a warranty on such articles or conditions of greater scope than indicated above, the Buyer will assume the burden of such greater warranty and shall hold ECO Green Equipment harmless from any and all claims of third parties based upon such extended warranties.

ECO Green Equipment does not warrant wear items, capacities of units, throughput rates of units, or product sizing unless specifically stated in writing by ECO Green Equipment.

No representative of ECO Green Equipment has the authority to change this warranty in any manner, and no attempt to repair or promise to repair the equipment by any such representative shall alter or extend this warranty.





Thank you for the opportunity to provide you a quote and we look forward for working with you. Please feel free to contact us with any questions.

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