

LETTER OF TRANSMITTAL

DATE: Aug. 16, 2016 6783-10-2164 Amec Foster Wheeler E&I, Inc. 5845 NW 158th Street, Miami Lakes, FL 33014 **PROJECT NAME: American Tire Recycling** (305) 826-5588 - (305) 826-1799 Fax TO: Department of Regulatory and Economic Resourc ATTENTION: Francisco T. Calleja Environmental Resources Management **Permit Application** REF: 701 NW 1st Court 7th Floor Miami, FL 33136 **GENTLEMEN:** WE ARE SENDING YOU X Attached Under separate cover via fed ex the following items Drawings Reports Letters Specs. Invoices Change order IF ENCLOSURES ARE NOT AS NOTED, KINDLY NOTIFY US AT ONCE. COPIES DATE NO. **DESCRIPTION** 08/16/16 FDEP Waste Tire Processing Facility Permit Application #0303329-002-WT 1 08/15/16 Chec #825035 for \$525 THESE ARE TRANSMITTED as checked below: For approval Approved as submitted Resubmit copies for approval For your use Approved as noted Submit copies for distribution X As requested Returned for corrections Return corrected prints For review and comment For Bids Due PRINTS RETURNED AFTER LOAN TO US REMARKS **POLLUTION REGULATION** DIVISION COPY TO By: Ricardo Fraxedas



Florida Department of Environmental Protection

Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 **Reset Form**

Print Form

DEP Form # 62-701.900(23)

Form Title: Waste Tire Processing Facility Permit Application

Effective Date: January 6, 2010 Incorporated in Rule 62-711.530(6)

Waste Tire Processing Facility Permit Application

Perr	nit No.	030	3329	-002-WT								
	ewal □			fication 🔳		Existing unpe	rmitted f	acility □	Proposed	new fac	cility 🗆	IVE
Pari	t I-Gene	eral l	nform	ation:						Ma	AUG 1	o sole
A.	Applic	cant	Inforn	nation:							AUG I	3 2010
1.	Applic	ant N	lame:	America	n Tire Recy	cling Group,	LLC			P	OLLUTION I	REGULATIO
2.	Applic	ant S	treet A	Address:	3551 NW	116th Street					Divi	
3.	City:	Miar	ni			County:	Miami-[Dade	Zip:	33167-	2923	
4.	Applic	ant N	lailing	Address:	3551 NW	/ 116th Street						_
5.	City:	Miar	ni			County:	Miami-	Dade	Zip:	33167	-2923	
6.	Conta	ct pe	rson:	Alfredo I	Reviati	Phone: (954)	514-09	42	FEID No:			
7.	any so of a pe does r	olid w ermit not in not co	aste m or reg clude :	nanagemer istration, a	nt facility in t is well as an Letter, Warr action.	en by the Depa his state? This y Consent Orde ning Notice, Not attach a history	includes er in whice ice of No	s any Complair ch a violation o oncompliance,	nt, Notice of Vi f Department or or other simila	olation, or rules is a r docum	or revocatior admitted. It	1
В.	Facilit	ty Inf	ormat	ion:	0.88							
1.	Facility	y Nar	me: <u>A</u>	American	Tire Recyc	ling Group, LL	.C.		15 			_
2.	Facility	y Stre	et Ad	dress (Mai	n Entrance):	3551 NW	116th S	treet				
3.	City:	Miar	mi			County:	<u>Mian</u>	ni Dade	Zip:	33167	-2923	
4.	Facility	y Mai	iling A	ddress:	SAME						-	
5.	City:					State:			Zip:	1		
6.	Conta	ct Pe	rson:	Alfredo	Reviati			Phone: (305)	688-8566			
7.	Facilit	y Loc	ation (Coordinate	s:							
	Section	n:	52			Townsh	ip: <u>41</u>		Range:	33		
	Latitud	de:	25' 52	' 48.6401			Longitud	le: <u>-80' 15' 2</u>	7.0309			
8.	Anticip	oated	date 1	or starting	constructio r	n <u>N/A</u>		and for compl	etion of constr	uction	N/A	
9.	Anticip	oated	date 1	or receipt	of tires	N/A		and for start o	of processing	N/A	10.541070	

Mail completed form to appropriate district office listed below

DEP Form # 62-701.900(23)

Form Title: Waste Tire Processing Facility Permit Application

Effective Date: January 6, 2010 Incorporated in Rule 62-711.530(6)

	Land Owner Inform Owner's name: A		rom applicant):	-		<i>e</i>
2.	Land owner's mailir	ng address: 3551	NW 116th Stre	eet		
3.	. City: Miami		State: F	L 22	Zip: 3	3167
4.	Authorized Agent:			Agent's phon	e ()	
5.	. Current lease expire	es:				
	Facility Operator I Operator's name:		rent from applica	nt):		
2.	Operator's mailing	address: 3551 N	W 116th Street			8 - 8
3.	City: Miami		State: F	lorida	Zip: 3	33167
4.	Contact person:	Alfredo Reviati		Phone: (<u>305</u>	6)688-8566	
E. 1.	Preparer of Applic Name of person pre		<u>Ricardo Fra</u>	xedas		Jo.
2.	Mailing address:	5845 NW 158th S	treet			
3.	City: Miami Lake	s	State: F	lorida	Zip: _3	33014
4.	Phone: (305)818	-8448				
5.	Affiliation with facilit	ty: <u>Environmen</u>	tal Engineering	Consultant		•
	t II-Operations: Facility type (check	(appropriate box):				
	Waste tire processing	ng facility.				
	Waste tire processing	ng facility with on -si	te disposal of pro	cessed tires or proce	essing residuals.	
	Waste tire processing	ng facility with on -si	te consumption o	f waste tires or proce	essing residuals.	
	Permitted solid wast	te management faci	lity modification t	o allow wa ste tire site	e and processing.	
В.	Type of processing	ı facility (check as	many as apply)	:		
		utter □Chop upplemental fuel us			rator with energy rec	overy
				e tires, processed v nce with Rule 62-711.		essing residuals,
		Outdoor Storage(tons)	Outdoor Storage (sq.ft)	Indoor Storage (tons)	Indoor Storage (sq.ft)	Total Storage (tons)
V	/hole waste tires:	0	0	90	30,000	90
Р	rocessed tires:	0	0	60	10,000	60
Ρ	rocessing residuals:	0	0	4	5,000	4
Т	OTALS:	0	0	154	45,000	154

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D.	For reporting quantity of tires in tons, tires will be: weighed on site □ weighed off site □ weights will be calculated ■
E.	Facilities that will not be disposing of processed tires or processing residual on the facility site must indicate the permitted solid waste management facility where processed tires or residuals will be disposed.
1.	Name of facility N/A
2.	Street address:
3.	City: Zip:
	Facilities that will be delivering processed tires to consuming facilities must describe the existing or proposed markets for those processed tires. Recycled tire chips are being sold primarily as mulch. Other uses for sold processed materials include materials include must fabrication. Current consumers include municipalities for use in public parks.
	mat fabrication. Current consumers include municipalities for use in public parks.
A. NO and clea hori: muc 1. 2.	TE: All maps, plan sheets, drawings, isometrics, cross sections, or aerial photographs shall be legible; be signed sealed by a registered professional engineer responsible for their preparation; be of appropriate scale to show arry all required details; be numbered, referenced to narrative, titled, have a legend of symbols used, contain izontal and vertical scales (where applicable), and specify drafting or origination dates; and use uniform scales as the as possible, contain a north arrow and use NGVD for all elevations. A topographic or section map of the facility, including the surrounding area for one mile, no more than one year old, showing land use and zoning within one mile of the facility or CHANGES WERE MADE. The Aplot plan of the facility on a scale of not less than one inch equals 200 feet. At a minimum, the plot plan shall include NO CHANGES WERE MADE. To THE FACULTY DESIGN. a. The facility design, including the location and size of all storage and processing areas for used tires, unprocessed waste tires, processed waste tires, and waste tire processing residuals; NO CHANGE. b. All wetlands and water bodies within the facility or within 200 feet of any storage area; NO CHANGE. c. Stormwater control measures, including ditches, dikes, and other structures; NO CHANGE. d. Boundaries of the facility, legal boundaries of the land containing the facility, and any easements or rights of way that are within the facility or within 200 feet of any storage area; NO CHANGE. e. Location, size, and depth of all wells within the facility or within 200 feet of any storage area; NO CHANGE. f. All structures and buildings that are, or will be, constructed at the facility; include those used in storage and processing operations; NO CHANGE. All access roads and internal roads, including fire lanes; NO CHANGE. i. Location of all fences, gates, and other access control measures; and NO CHANGE. Facility operation.
1. 2.	A description of the facility's operation, process and products including how waste tires will be received and stored. No change A description of the equipment used for processing tires. This description shall include the make, model, and
3.	hourly capacity of each piece of equipment. SEE ATTACHMENT - ONLY OPERATING TIME OF EQUIPMENT IS
	disposed of. No CHANGE IS PROPOSED RF
4. 5.	Statement of the maximum daily throughput and the planned daily and annual throughput. SEE ATTACHHOUT A description of how the operator will maintain compliance with each of the storage requirements of Rule 62 -

711.540, F.A.C. NO CHANGE TO STORAGE COMPLIANCE IS PROPOSED. RF

NO CHANGE

where that manual will be maintained. NO CHANGE IS PROPOSED

7. A copy of the fire safety survey

6. A copy of the emergency preparedness manual for the facil ity with a statement of the on site and off site locations

A copy of the fire safety survey
 A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.

C. Completed closing plan for the facility as required by Rule 62 -711.700(2) and (3), F.A.C. No CHANGES ARE PROPOSES

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- D. Attach proof of financial responsibility as requirement by Rule 62 -711.500(3) OR a calculation showing that financial assurance documents, currently on file with the Department, are sufficient to assure closing of the waste tire site as well as any other solid waste management facility at that location.
- E. A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire pr ocessing facility.
- F. If waste tires will be consumed or diposed of at the facility, attach a description of the other environmental permits that the applicant has for this use, including, permit number, date of issue, and name of issuing agency
- G. The permit fee as required in Rule 62-4, F.A.C.

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A.	Applicant:	r - Church C	
	The undersigned applicant or authorized representati	STATE OF THE STATE	
	are that statements made in this form and attached in		
		artment of Environmental Protection and certifies that	
The i	nformation in this application is true, correct and comp	plete to the best of his knowledge and belief.	
Furth	er, the undersigned agrees to comply with the provision	ons of Chapter 403, Florida Statutes, and all rules and	
regul	ations of the Department. It is understood that the De	partment will be notified prior to the sale or legal transfe	ər
of the	e facility/		
			<u> </u>
	('7 \ 1) A	Alfredo Reviati / President 7-29-/	6
	Signature of Applicant or Authorized Agent	Name and Title Date	
B.	Professional Engineer registered in Florida.		
	This is to certify that the engineering features of this v		
	gned/examined by me and found to conform to engine		
		ed and operated will comply with all applicable statues of	
		ed that the undersigned will provide the applicant with a	ı
set o	f instructions for proper maintenance and operation of	the facility.	
	Kuado trassos	5845 NW 158th Street	
	Signature	Mailing Address	
-			
Ricar	do Fraxedas/Principal Engineer	Miami Lakes, FL 33014	_
	Name and Title	City, State, Zip	
4328	7	305-818-8448	
4320	Florida Registration Number	Telephone number	
	Tiorida Negistration Number	releptione number	
	NAMA OO FRAN	8200	
	P. P. CENOS	80%	
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Florida Department of Environmental Protection Waste Tire Processing Facility Permit Application for Modification of Permit 0303329-002-WT

Part III – Attachments

A. Facility Design

There has been no change to the facility design since the original construction permit for the facility was issued. Two primary shredders and one secondary shredder have been replaced due to wear and tear (and failure) of the original equipment. The replacement machines are of similar capacity to the original permitted equipment. The replacement machines were manufactured in the USA whereas the original equipment was manufactured in China. Specifically, 2 Eco Green Shredders were replaced with 2 CM Dual-Speed Shredders and 1 Eco

Specifically, 2 Eco Green Shredders were replaced with 2 CM Dual-Speed Shredders and 1 Eco Grater was replaced with 1 CM (CM4R) Liberator. The manufacturer specifications for the replacement equipment is provided in the following pages.

B. Facility Operation

There have been no changes to the operation of the facility since the approval of permit 0303329-002-WT. The previously permitted storage capacity will remain the same whereas the production rate is requested to be increased from 12,000 tires per day to up to 28,000 tires per day as a result of the equipment replacement described in Section A - Facility Design and the increased production up time.

Primary shredder capacity - The capacity of the CM Dual-Speed Shredders is up to 1,200 tires (12 tons) per hour each (2,400 tires per hour for both) or up to 38,400 tires per 16 hours.

Secondary shredder capacity - The capacity of the secondary shredders is: 1) the CM4R Liberator up to 9 tons per hour (900 tires per hour) and 2) the Eco Grater up to 5 tons (500 tires) per hour. Combined secondary shredder capacity is 14 tons (1,400 tires) per hour or 22,400 tires per 16 hours. Please note that it is not necessary to process all tire material through both a primary and a secondary shredder to produce a marketable product. Some product is sold after processing only through a primary shredder. As such, a 28,000 tire per day processing capacity is achievable with the existing equipment operating at less than the equipment's maximum capacity.

C. Facility Closure Plan

The facility closure plan has not been changed and remains the same as previously approved by the Department.

DUAL-SPEED TIRE SHREDDER

Rugged & Ready

The CM Dual-Speed Tire Shredder is designed to process higher capacities and heavier tires than the Single-Speed Shredder. It can shred whole tires at a rate up to 12 tons per hour; which is as many as 1,200 passenger or 200 truck tires. It's rugged enough to cut whole tires up to 48" in diameter, including steel-belted radials, in just one step.

Turnkey Ready

This turnkey whole tire-to-chip system includes all stands, platforms and conveyors and comes completely pre-wired — to quickly have you up and operational. And since it's designed for simplicity, you can keep your labor cost down to a minimum.

Features at a glance:

- Utilizes CM's Patented Knife Design
- · Offered in mobile configurations
- Two-speed drive ensures energy efficient operation
- Patented classification and recirculation systems for easy monitoring of performance

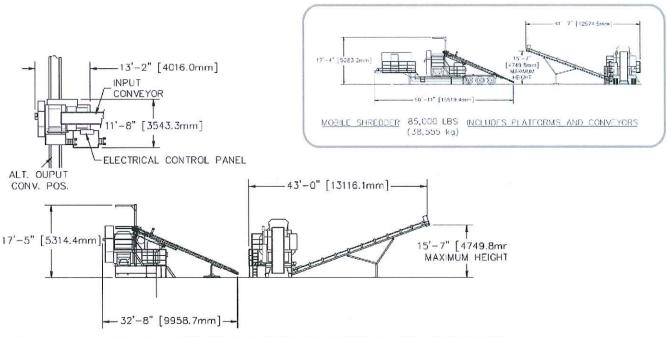
The Cleanest Cuts in the Tire Recycling Industry

Our patented MULTI-STACK knife design operates at extremely close tolerances which produces the industry's cleanest cut with very little exposed wire. The knives can be resharpened and reused which significantly increases lifespan and decreases costs.



For more information or to see the Dual-Speed Tire Shredder in action, please visit www.cmtirerecyclingequipment.com

Dual-Speed Tire Shredder Engineering

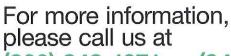


STATIONARY SHREDDER 60,000 LBS. INCLUDES PLATFORMS AND CONVEYORS (27,215 KG)

Customer Service is Second to None.

We carry a complete line of replacement parts for all CM Tire Shredding Systems with shipping on standard parts within 24 hours. Our dedicated Customer Service Team is available to take your part orders via email, telephone or fax. We use various freight carriers to ensure you will receive your package on time and at the lowest cost.

We also provide Field Service
Technicians support if your
equipment needs maintenance or repairs.
Depending on location, our technicians
can generally be on your site within 24 hours.



(800) 848-1071 or (941) 755-2621





COLUMBUS MCKINNON CORPORATION SARASOTA OPERATIONS 1920 WHITFIELD AVENUE SARASOTA, FL 34243 PHONE 941/755-2621 FAX 941/753-2308 www.cmtirerecyclingequipment.com

CM STATIONARY DUAL SPEED TIRE SHREDDER SPECIFICATIONS

A. Drive Assembly

Main Motor

250 H.P., High Efficiency, T.E.F.C. Motor

Motor Coupling

Para-Flex #PX140, Flex Coupling

Gear Reducer

Maximum 17:1 ratio

Two Speed

20 RPM passenger, 10 RPM truck

B. <u>Shredder Gear Box</u>

Construction

2" thick steel, welded construction

Drive Gears

AISI 4320 hardened and toughened by our exclusive tool steel process.

56-62 RC in accordance with Agma Quality Class 5-6 specifications

Lubrication

Gears are lubricated in an oil bath/oil splash for maximum lubrication.

Temperature and oil level sight gauge included.

C. Cutting Chamber

Frame

6 - 1/2" mild steel, bolted construction

Main Bearings

#23248 spherical roller, 17 -1/2 " OD

Shafts

AISI 4140 pre-hardened, 9 -1/2" dia., 1" wide keyed A-36 mild steel, 21" dia., keyed and heat shrunk to shaft

Rotors Knives

Enhanced machine tool steel 60-62RC

Wear Plates

A-2 steel: 60RC

Opening

48" x 48"

D. Base

Construction

8" I-beam, welded construction

E. Feed Rollers

Drive

Chain driven from main shredder shafts

Shafts

Mild steel, 3 -1/2" dia., X 79" long

Feeders

12 per shaft

Bearings

Pillow block

Choose only one from the following group (F. through K.)

F. 4" Classifier- SINGLE DECK

Drive Motor

3 HP T.E.F.C. chain drive

Bottom Deck

9 sizing shafts, 6 –7 daisy wheels per shaft

Lubrication

All bearings plumbed to a central lubrication block

G. 3" Classifier

Drive Motor Top Deck Bottom Deck

Lubrication

3 HP T.E.F.C. chain drive

8 sizing shafts, 6 – 7 daisy wheels per shaft 9 sizing shafts, 6 – 7 daisy wheels per shaft All bearings plumbed to a central lubrication block

H. <u>2" Classifier</u>

Patented double deck disk type

Drive Motor Top Deck Bottom Deck

Lubrication

3 HP T.E.F.C. chain drive

8 sizing shafts, 6-7 daisy wheels per shaft 9 sizing shafts, 9 daisy wheels per shaft

All bearings plumbed to a central lubrication block

I. <u>1-5/8" Classifier</u>

Patented double deck disk type

Drive Motor Top Deck Bottom Deck Lubrication 3 HP T.E.F.C. chain drive

8 sizing shafts, 6 – 7 daisy wheels per shaft 11sizing shafts, 9 daisy wheels per shaft

All bearings plumbed to a central lubrication block

J. <u>1-1/2"Classifier</u>

Patented double deck disk type

Drive Motor
Top Deck
Bottom Deck
Lubrication

3 HP T.E.F.C. chain drive 8 sizing shafts, 6 – 7 daisy wheels per shaft

11 sizing shafts, 12 – 13 daisy wheels per shaft
All bearings plumbed to a central lubrication block

K. <u>1" Classifier</u>

Patented double deck disk type

Drive Motor
Top Deck
Bottom Deck
Lubrication

3 HP T.E.F.C. chain drive

8 sizing shafts, 6 – 7 daisy wheels per shaft 13 sizing shafts, 17 – 18 daisy wheels per shaft All bearings plumbed to a central lubrication block

L. Re-circulation Drum

Drive Motor Diameter

Width

3 H.P. T.E.F.C. chain drive

8' 18"

M. Input Conveyor System

Dimensions
Drive Motor
Construction

36" wide by 29' long. (telescoping on mobile units only)

2 HP variable speed

Flat rubber belt, roller bed type

N. <u>Output Conveyor System</u>

1st Conveyor 2nd Conveyor 9' long x 24" wide 33' long x 24" wide

Drive Assembly

1 HP T.E.F.C. (9'), V-belt drive 2 HP T.E.F.C. (33"), V-belt drive

Construction

Trough roller, rubber belt type

O. <u>Electrical Controls</u>

- 1. Electrical equipment suitable for operation with 480 volt, 60 Hertz, three phase power.
- 2. 800 ampere minimum service required.
- 3. Control circuit is grounded (24 Volt DC)
- 4. All wiring fused
- 5. All wiring numbered
- 6. PLC with HMI, Touch Screen Controls
- 7. Key lockout protection provided

P. General

Warranty Guards One (1) year after shipment date

All external, exposed, moving components are guarded.

Q. Weight

60,000 LBS. (27,215 KG)

THE CM4R LIBERATOR

The Ultimate in Wire Separation Technology

The CM4R Liberator's unique design allows it to separate the wire from rubber tires in the purest, cleanest form possible, allowing processors to generate revenue streams from both rubber and wire.

Key Features for GreaterProduction with Less Downtime

The CM4R Liberator has a serrated knife design which gives each knife more linear inches of cutting surface. The larger cutting surface means less time is needed to process tire material, thus lower energy consumption. The Liberator's over-sized screening area permits efficient screening and separation of wire and rubber.

Along with increased production comes increased wear. The CM4R Liberator addresses this situation with its exclusive "Armor-Plated" rotor and rotor housing, which dramatically reduces wear to internal components. The internal wear surfaces are lined with replaceable wear liners that are easily changed when worn. This exclusive feature of the CM4R Liberator eliminates the need for any maintenance welding and results in greater machine "uptime".

Combine these features with the patented "flow-through" design that reduces pinch points and you have the most profitable tire wire liberating systems available for the tire recycling industry today.

Operational Benefits Include:

- High production with low maintenance
- Serrated knife design for maximum cutting area
- Reversible screens
- Powered screen cradle for quick changes
- Exclusive "Armor-Plated" rotor and rotor housing
- "Flow Through" design
- Removable rotor housing
- Easy access to rotor chamber and screen
- Low shaft RPM to reduce operating temperature
- Service drive for ease of maintenance
- Patented Technology

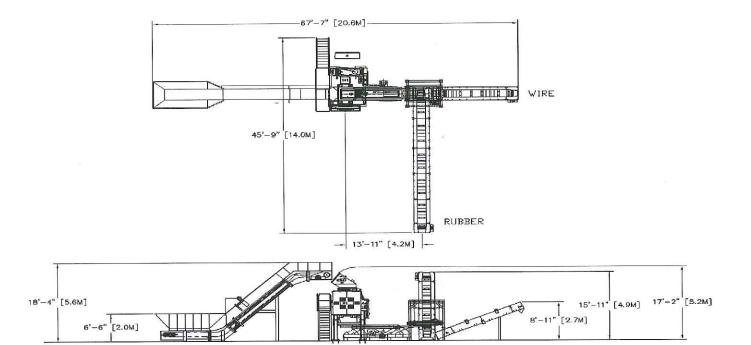
Produ	ction Rates - Pas	senger & Truck Tires
5/8"	Screen	3 TPH
3/4"	Screen	5 TPH
1.00"	Screen	6 TPH
1.25"	Screen	7 TPH
1.5"	Screen	8 TPH
1.75"	Screen	9 TPH

* Production rates may vary depending on specific application



For more information or to see the CM Liberator in action please visit: www.cmtirerecyclingequipment.com

The CM4R Liberator Engineering



Customer Service is Second to None

We carry a complete line of replacement parts for all CM TireProcessing Equipment with shipping on standard parts within 24 hours. Our dedicated Customer Service Team is available to take your part orders via email, telephone or fax. We use various freight carriers to ensure you will receive your package on time and at the lowest cost.

We also provide Field Service Technicians support if your
equipment needs maintenance or repairs. Depending on
location, our technicians can generally be on your site
within 24 hours.

HEIGHT (in/cm)	208/528
WIDTH (in/cm)	86/218
LENGTH (in/cm)	176/447
FEED OPENING (in/cm)	38/96
DISCHARGE OPENING (in/cm)	40/102
BEARING TYPE	OUTBOARD PILLOW BLOCK
BEARING DIAMETER	18/44
MOTOR (hp/kw)	400/315
WEIGHT (lb/kg)	82000/37194

For more information please call us at





COLUMBUS MCKINNON CORPORATION SARASOTA OPERATIONS 1920 WHITFIELD AVENUE SARASOTA, FL 34243 PHONE 941/755-2621 FAX 941/753-2308 www.cmtirerecyclingequipment.com

CM LIBERATORTM MODEL CM4R SPECIFICATIONS

A. Drive Assembly

Belt Drive

Parallel Shaft Gear Reducer Belt Driven with 400 HP, High Efficiency

Motor

B. Rotor Housing

Frame

2" mild steel, bolted construction

Main Bearings

Outboard, Pillow Block, spherical roller AISI 4140 pre-hardened, 11" dia., keyed

Shaft Rotors

A-36 mild steel, 36" diameter, 9" Long, keyed to shaft

Rotor Quantity

4

Knives

Serrated, 2-1/8" thick solid, machine tool steel 60-62 RC

Fly Knives Static Knives 32 11

End Block Knives Wear Plates

2 AR 500 steel; Reversible

Opening

36" x 36"

C. In-feed Opening

38"

D. Base

Construction

8" A-36 Steel Plate on welded modular tubular frame

E. Screen

Screen Cradle

Bolted Construction, 40" Long

Screen

Two piece, Reversible & Interchangeable 21" Radius

Sizes

5/8" - 1-3/4" available

F. Electrical Controls

Electrical equipment suitable for operation with 480 volt, 60 Hertz, three phase power.

- 1. Soft Start Unit
- 2. Control circuit is grounded (24 volt DC)
- 3. All wiring fused
- 4. All wiring numbered
- 5. PLC with HMI, Touch Screen Controls
- 6. Key lockout protection provided

G. General

Warranty

One (1) year, or 2080 hours after shipment date

Guards

All external, exposed, moving components are guarded.

H. Weight

85,000 pounds



ECO Graters - Secondary Shredders

Equipment Introduction

ECO Green's Graters are the ultimate machines for mid-stream grinding and steel separation. It is designed to take pre-shredded tires chips and produce between 44-16 mm (1.75" and 0.625") wire free rubber chips. The ECO Grater has three models which can process up to 5 tons of input per hour. The main rotor housing is equipped with replaceable wear plates to increase the durability and longevity of the cutting chamber. Another unique feature of this machine is the ability to turn the knives once before having to send them to be sharpened or replaced, minimizing operating costs.







sales@ecogreenequipment.com Phone: 1-801-505-6841 425 North 400 West, Building 3A North Salt Lake, Utah 84054 USA



ECO GREEN EQUIPMENT





Equipment Specifications

Specifications	ECO 1500-G	ECO 1250-G	ECO 1200-G
Motor Type	Electric	Electric	Electric
Number of Motors	1	1	1
HP/KW Motor Size	400 HP/315 KW	350 HP/230 KW	150 HP/132 KW
Voltage	as per customer request	as per customer request	as per customer request
Cutting Chamber L x W	1562 mm x 697 mm (62 inches x 28 inches)	1058 mm x 697 mm (42 inches x 28 inches)	806 mm x 697 mm (48 inches x 28 inches)
Equipment Dims L x W x H	6217 mm x 1868 mm x 4561 mm (245" x 74" x 180")	5702 mm x 1868 mm x 4686 mm (225" x 74" x 185")	5198 mm x 1868 mm x 4686 mm (205" x 74" x 185")
Equipment Weight	24000 Kg (52,911 lbs)	20000 Kg (44,000 lbs)	6100 Kg (13,448 lbs)
Hopper Opening L x W x H	1726 mm x 877 mm x 906 mm (68" x 35" x 36")	1006 mm x 493 mm x 1026 mm (44" x 20" x 41")	1412 mm x 902 mm x 1410 mm (56" x 36" x 56")

sales@ecogreenequipment.com Phone: 1-801-505-6841 425 North 400 West, Building 3A North Salt Lake, Utah 84054 USA





Input Capacity	up to 7 tons/hr.	up to 4 tons/hr.	up to 2 tons/hr.			
Max Recommended Input Size	6 inches / 150 mm	6 inches / 150 mm	6 inches / 150 mm			
Product Size Range 44 mm - 16 mm chips 44 mm - 16 mm chips (1.73" - 0.62") 44 mm - 16 mm chips (2" - 1") (2" - 1")						
Est. Wear Costs	\$6-9 USD per ton	\$6-9 USD per ton	\$6-9 USD per ton			
Est. Duration of Blades	Up to 80,000 PTE before resharpening (Can be resharpened up to 6 times)	Up to 80,000 PTE before resharpening (Can be resharpened up to 6 times)	Up to 80,000 PTE before resharpening (Can be resharpened up to 6 times)			
Concrete Pad Thickness 400 mm (16 inches) 400 mm (16 inches) 300 mm (12 inch						
Description ECO 1500-G						
Description ECO 1250-G ECO 1						

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