



# Tire Recycling in Western Colorado

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3xM Grinding and Compost, LLC

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# What We Do

- Feedlot
- Compost yard
- Landscape mulch manufacturing
- Tire processing



# About Us

- We are grinder guys, not tire guys
- Started with the feedlot; needed grinders to process feed
- Broke small grinders so we got bigger ones
- We like to make grinders go fast and be happy doing it



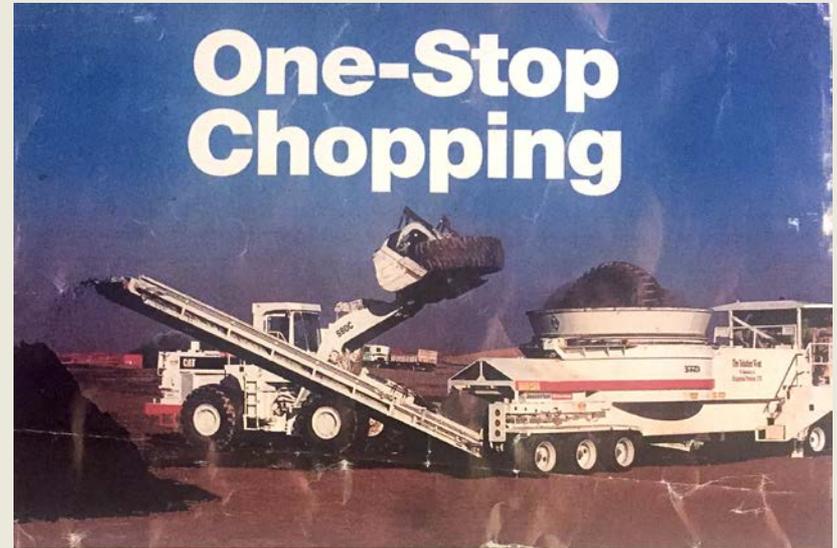
# Tire Processing

- Currently processing to 6-inch minus
- Used as Alternative Daily Cover for privately-owned landfill



# What We Use

- Diamond Z 1463-T
- Volvo L-150 loader with 13-yard rollout bucket



## One-Stop Chopping

### We'll Even Deliver.

Shredding discarded tires into TDF (Tire Derived Fuel) chunks makes them easier to use as supplemental fuel for cement kilns and the like, but getting the tires to a fixed location can be costly and time consuming.

#### Let Us Come To You

Our mobile tire shredder can help you solve that problem. You don't have to bring the mountain to the shredder, the shredder can come to the mountain.

Our 1,200-horsepower tire shredder was specifically designed to turn even giant off-road tires into easy-to-handle

chunks and can reduce a mountain of tires to a molehill before you know it.

#### 2" To 8" Chunks

Think of it . . . no more whole tires in unsightly piles where pests can breed and accidents can happen . . . just two- to eight-inch chunks depending on your needs that can easily be fed into the proper fuel stream or recycled in any one of an increasing number of ways.

#### Not Only Tires

And tires aren't all this machine can reduce to chunks. After Hurricane Andrew, a unit like the

one above chopped whole towns of shattered houses into a simple mulch-like by-product.

To schedule a visit from our mobile plant or for more information, contact Tire Solutions West\* at 1-800-274-4799, or Bridgestone/Firestone Off Road Tire Company at 1-800-905-2367. Remember, we can come to you.



# Diamond Z 1463-T

- Two Cat 3412s engines
- 2000 hp
- Processes halved OTRs at 30 tons/hour
- Car and light truck tires at 50 tons/hour



# Challenges

- Finding a market for tire-derived products
- Downtime management
- Weather



# Challenges

- Finding suitable projects
- Freight/Isolation
- Dealing with municipal regulations
  - Local landfills will only take in-county generated waste



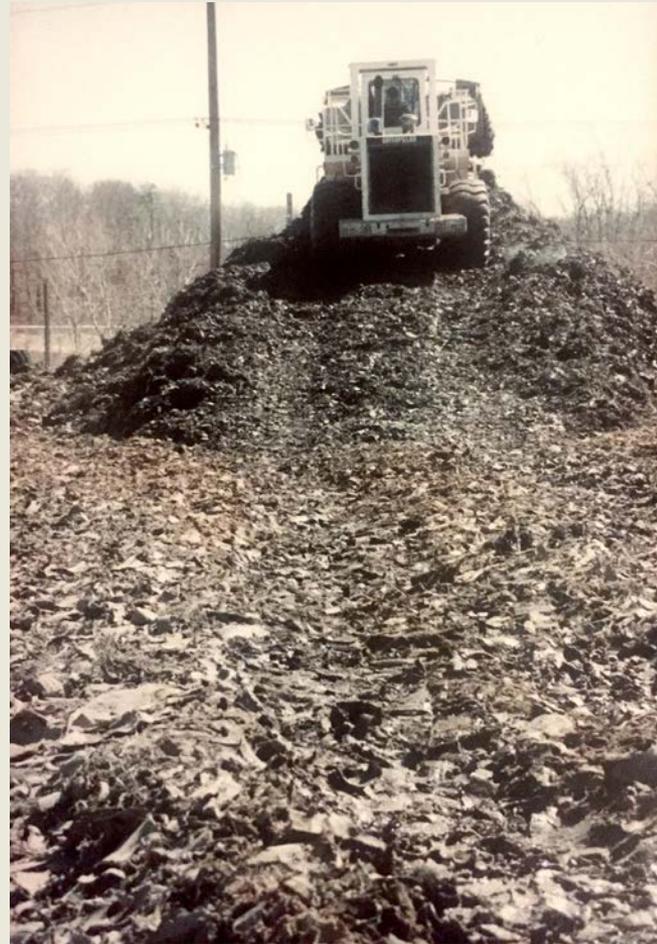
# Dealing With Challenges

- Grinder know-how from previous grinder challenges
- Engineering custom grinder parts
- Hours on phone talking to landfills
- We found a private landfill with available backhauls



# Moving Forwards...

- Getting grinder in better than original condition
- Looking for better markets for shreds
- Preparing for mobile processing
- Processing OTRs



# Contact Info

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