

CM DUAL DRIVE™ CRACKERMILL

HIGH VOLUME FINE GRIND SYSTEM



The CM Dual Drive™ Crackermill sets the standard in high production fine grind systems.

Advanced Dual Drive™ rolls can process clean rubber up to 3/8" [9mm] into 10 - 80 mesh [2000 - 177 microns].

The Dual Drive™ Crackermill produces more fine rubber for the tire recycling industry than all other systems combined. The unique grinding action is produced by two large counter-rotating rolls that crack and mill the rubber to a specific size. Each roll is independently driven and operates at a different speed with Variable Frequency Drives (VFDs).

All CM systems are operated by a PLC system with feedback capabilities, providing constant system monitoring and enhanced performance.

FEATURES & BENEFITS

- Extended Life Bronze Bearings
- Heavy Duty Oil Bath Gear Reducers
- Rolls can be Sharpened up to 6 times
- Water-Cooled, Hardened Cast Iron Rolls
- Twin Independent Variable Speed Vector Drives
- PLC System that Controls Bearing Lubrication, Monitors System Temperature, and Chiller System

10-20 MESH



30 MESH

PRODUCTION RATES

BASED ON INPUT MATERIAL
OF CLEAN 3/8" MINUS

10-20 MESH:
6,000 LBS / HR

20-30 MESH:
3,000 LBS / HR

30 MINUS:
2,000 LBS / HR

BASED ON INPUT MATERIAL
OF CLEAN <10 MM

2- .84MM:
2,720 KG / HR

.84- .59MM:
1,360 KG / HR

.59MM MINUS:
900 KG / HR

CM DUAL DRIVE™ CRACKERMILL ROLLS

INDEPENDENTLY DRIVEN CAST IRON ROLLS



CM Dual Drive™ Crackermill rolls are hardened to a depth that allows them to be reground and re-grooved up to 6 times.

The machines can be operated for up to 6 months before requiring the rolls to be reground.

60 million pounds of rubber can be produced throughout the life of the rolls.

The CM Dual Drive™ Crackermills' design allows for the most overall uptime and produces more tonnage between maintenance cycles than any other system on the market. The Crackermill operates at a maximum speed of 70 RPM so that maintenance issues associated with high speed machines are eliminated. Rolls are water-cooled to reduce heat and are easily accessible.

CM Shredders can design a turnkey milling, screening, and cleaning system specifically tailored to your requirements.



Stage #1
Shredder



Stage #2
Liberator w/Steel Reclaim



Stage #3
Granulator w/Fiber Removal



Stage #4
Crackermill w/Screening & Cleaning

CUSTOMER SERVICE IS SECOND TO NONE – WITH IN STOCK GUARANTEE

- We stock a complete line of replacement parts for all CM equipment with shipping on standard parts within 24 hours.
- Field Service Technicians support if your equipment needs maintenance or repairs & can generally be onsite within 24 hours.



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