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

Advanced Dual Drive™ rolls process clean rubber that is 1/4” – 5/16” [6 – 8 MM] in size, to material sizes that are 10-80 mesh [2000 – 177 microns].

The Dual Drive™ Crackermill produces more fine rubber for the tire recycling industry than all other competitive systems combined. The unique cutting action is produced by two large counter rotating rolls that crack and mill the rubber to the desired size. Each roll is independently driven and operates at different speeds. Variable frequency drive controls (VFD) allow the speed of each roll to be varied. This differential in speed between the rolls is referred to as the “Friction Ratio”. Due to the mills ability to vary its friction ratio, performance capabilities are optimized.

All systems are operated by a PLC control system with feedback capabilities which allows the system to be monitored and its performance enhanced.

**FEATURES & BENEFITS**

- Twin independent drives to achieve optimal friction ratios.
- Variable speed vector drives.
- Heavy duty oil bath gear reducers.
- Hardened cast iron rolls.
- Rolls can be re-sharpened up to 3 times.
- Heavy duty extended life bronze bearings.
- Optional water cooled bearing housings for longer bearing life.
- Water cooled rolls.
- Automated PLC controls fully integrated to control bearing lubrication, temperature and chilled water system.

**PRODUCTION RATES**

**BASED ON INPUT MATERIAL OF CLEAN 1/4” – 5/16”**

- **10–20 Mesh:** 6,000 Pounds Per Hour.
- **20–30 Mesh:** 3,000 Pounds Per Hour.
- **30 Minus:** 2,000 Pounds Per Hour.

**BASED ON A INPUT MATERIAL OF CLEAN [6 – 8 MM]**

- **2–1.84MM:** 2,700 Kilograms Per Hour
- **1.84–.59MM:** 1,350 Kilograms Per Hour
- **.59MM Minus:** 900 Kilograms Per Hour
CM Dual Drive™ Crackermill rolls are hardened to a depth that allows them to be reground and re-grooved up 3 times.

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

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

The CM Dual Drive™ Crackermills’ unique design allows for the best overall up time and produces more tonnage between maintenance cycles than any competitive system on the market. Unlike high speed grinders, the machine operates at a maximum speed of 70 RPM, which reduces heat and eliminates the need for expensive and restrictive sound enclosures.

The rolls are easily accessible, and other maintenance issues associated with high speed machines are eliminated. CM can design a turnkey milling, screening and cleaning system that specifically are tailored to your requirements.

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 on your site within 24 hours.