

CM 100

Power Cutting Mill

Superior Cutting Mill
engineered for rapid
reduction of large particles

- Rapid reduction of large particles from 80 mm to 0,25 mm
- Quick and easy to clean
- Full range of bottom sieves
- Collector volume 5.000ml



Method of operation

The Model CM100 Cutting Mill is used by Laboratories and processing Companies to granulate solid materials such as waste or wood and thermoplastics. The material to be processed falls into the cutting chamber of the CM100 via a guide chute and is shredded by cutting between rotating and fixed knives until it passes an attached sieve as ground product. The sieve extends over the lower half of the grinding chamber and is easily exchanged. Final particle size is determined by the selected sieve perforation aperture.

No other Cutting Mill is easier to clean than the CM 100 Cutting Mill. When the grinding process is finished the front door can be opened sidewise and the rotor / infeed hopper can be taken out in order to perform a fast and systematic cleaning of the grinding tools.

Features and benefits

- Acoustic Noise Reduction Infeed Hopper made from Bondal. Bondal is a vibration damping composite material with a sandwich structure consisting of a viscoelastic core between two outer steel sheets. Various infeed hopper types are available with wooden/teflon plunger
- Massive grinding chamber made from vibration reducing components
- Solid door with safety switch for easy access and cleaning
- Solid 5 Liters sample collector with
- two side handles and a plexi window
- for sample process observation
- High precision solid steel underframe
- with industrial castor wheels (lockable)



CM100 Cutting Mill open









CM100 Cutting bottom sieves and knives



CM100 Cutting bottom hoppers

- Linoleum, carpets, cloth
- Secondary fuels and bio mass
- Food and animal food
- Wood, paper, carton, cellulose
- Rubber, shredder light fractions
- House waste, industrial waste
- Computer scrap and electronic scrap
- Plants, twigs, roots etc.
- Herbs, spices, gras, stragg
- Bones
- Technical plastics such as ABS, PA, POM, PE etc



| Before | after | details |
|--|---|---|
|  |  | Wood samples |
|  |  | Different secondary fuels such as plastics, papers etc. |
|  |  | Salt such as Iron sulfate |
|  |  | Different plastics |

| Technical data | |
|-------------------------|---|
| Working principle | Cutting |
| Feed size maximum | Up to 80 mm depending on sample |
| Quantity maximum | 5000 ml |
| Quantity minimum | 50 gr. |
| End fineness | 250 µm |
| Number of rotor knives | 3 |
| Number of stator knives | 3 |
| Start / Stop function | By on/off button |
| End fineness adjustment | By interchangeable bottom sieves |
| Weight | 68 Kg without underframe 90 Kg with underframe |
| Electrical details | 230V/50Hz |
| Speed | 500-3000 rpm |
| Motor Power | 1.5KW |