

LAARMANN

Innovators in Solids

Power Cutting Mill

CM 100

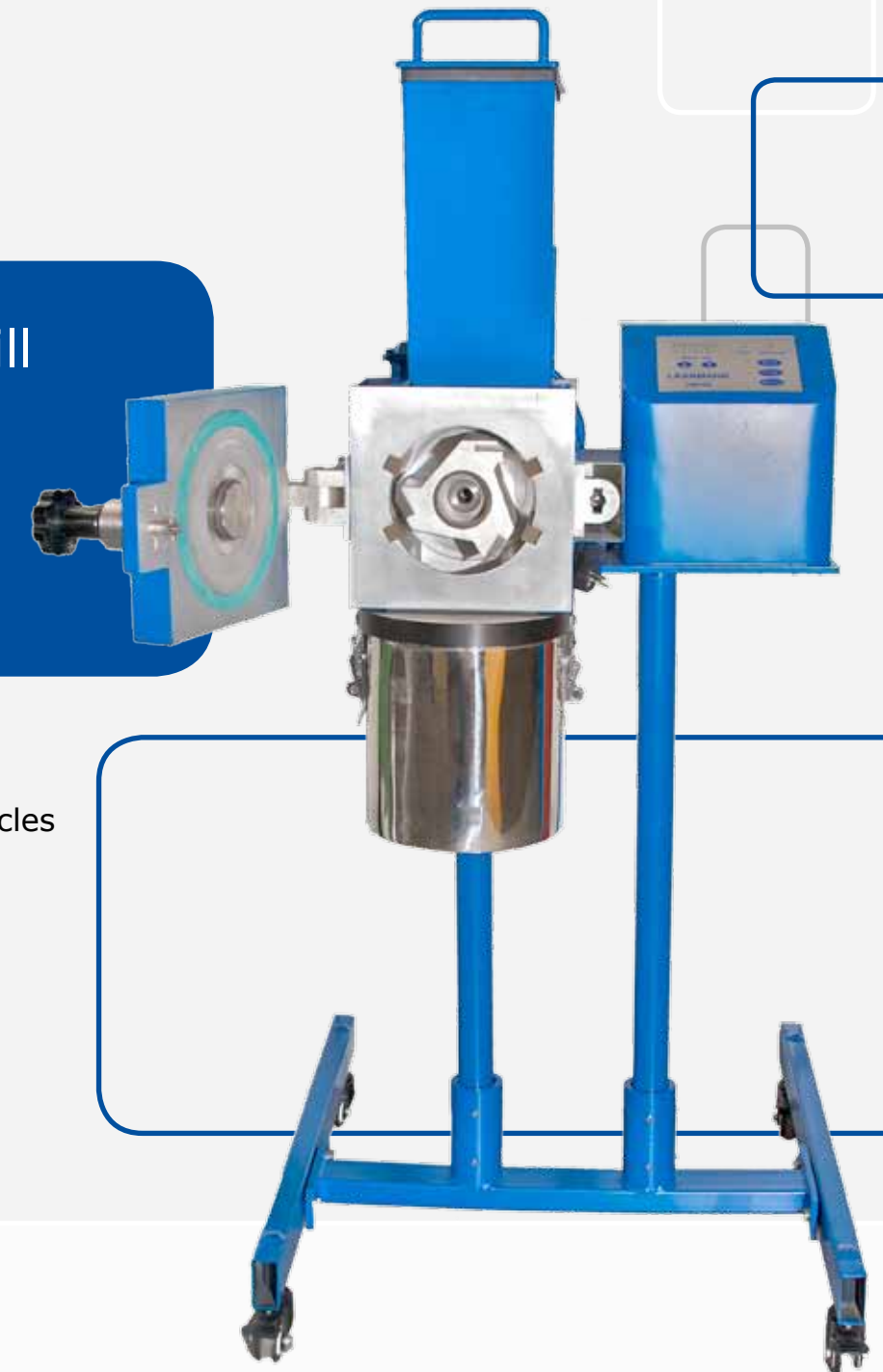
LAARMANN

Innovators in Solids

www.laarmann.eu

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



Your local contact

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LAARMANN POWER
CUTTING MILL CM 100

Superior Cutting Mill with flexible speedsetting



Cutting Mill
with closed
„EASY LOCK
DOOR“



Cutting Mill
with open
„EASY LOCK
DOOR“

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.

Grinding before / after

Wood samples



Different plastics



Different secondary fuels such as plastics, paper etc.



Salt such as Iron sulfate



Applications

- 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, Grass, Straw
- Bones
- Technical Plastics such as ABS, PA, POM, PE etc

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)



Optional

cutting mill can be
mounted on a table

Infeed Hopper of var. sizes



Cutting Mill Data

TECHNICAL DATA	
Electrical details	230V/50Hz
Speed	500-3000 rpm
Motor Power	1.5KW

FEATURES / PERFORMANCE	
working principle	Cutting
Feed size maximum	Up to 80 mm depending on sample
Quantity maximum	5000 ml
Quantity minimum	50 gr.
Endfiness	250 µm
Number of Rotor knives	3
Number of stator knives	3
Start / Stop function	By on/off button
Endfiness adjustment	By interchangeable bottom sieves
Weight	68 Kg without underframe
	90 Kg with underframe

Rotor and Stator knives

