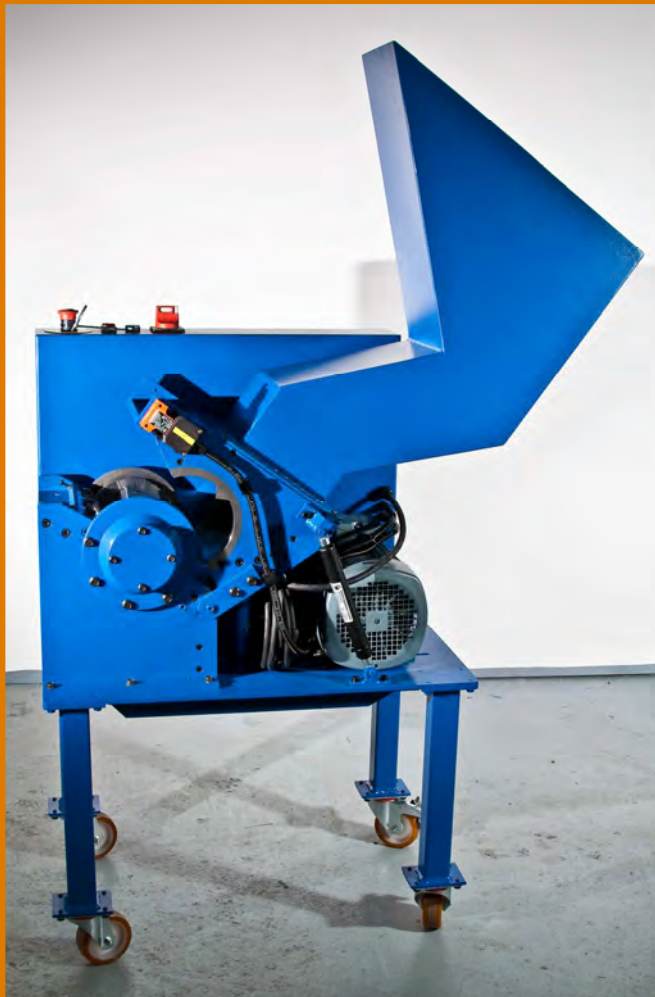




Cutting Mill Model CM1000

**Universal, High Performance
Granulator Designed for Processing
Of solid materials**



6040450010

Superior Cutting Mill Engineered to Granulate up to 60 kg/h

The Essa Model CM1000 Cutting Mills are used by processing companies to granulate solid materials such as waste or wood and thermoplastics..

The material to be processed falls into cutting chamber of the CM1000 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.

Benefits

- ▶ Rapid sieve and knife changeover
- ▶ Quick and easy to clean
- ▶ Performance - enhancing diagonal cutting action
- ▶ No need to adjust the rotor knife
- ▶ Ideal granulate quality with similar grain characteristics
- ▶ No tool required to open
- ▶ Outer bearing assembly protected from dust ingress
- ▶ CE certified

Will the Essa CM1000 Cutting Mill suit your requirements?

Send us a test sample for evaluation.

Our European applications laboratory is pleased to conduct pre-purchase trials on customer free-supplied samples



Raw Material Savings

The CM1000 granulator can be easily connected in line with one or more process machines (such as injection moulding machines) due to its narrow design.

Introduction of feed material can be carried out via a chute, free-fall hopper or conveyor belt. Product can be removed by connecting freely-available standard extraction fittings. A stand is available as an option to facilitate discharging directly into a bulk container or bag.

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 Elektronik Scrap
- ▶ Plants, Twigs, Roots etc.
- ▶ Herbs, Spices, Gras, Straw
- ▶ Bones

Technical Plastics such as ABS, PA, POM, PE etc
When fitted with an open rotor and appropriate feed equipment the CM1000 are used by film extrusion manufacturers to process film edge strips.



Design Features

- ▶ High precision production - housing assembled with dowel pins
- ▶ Stiff, non-twisting rotors fabricated from one solid piece of steel
- ▶ High performance drive via transmission belts
- ▶ High throughput at low drive power
- ▶ Wear resistant versions available for abrasive materials
- ▶ Designed for easy and complete cleaning through absence of dead corners and use of inspection openings
- ▶ Direct mounting of the knives on solid rotors eliminating the need for rotor knife adjustment
- ▶ Both rotor and stator knives can be re-sharpened multiple times due to their structural design

Technical Data

Working Width	232 mm
Rotor Diameter	150 mm
Number of Rotor Knives	3
Number of Stator Knives	2
Rotor Speed	280 rpm
Grinding Output	Approx. 20-60 kg/h
Motor Output	2.2 –3.0 kW
Nominal Weight	230 kg



essa

Laarmann Group B.V.
Jules Breukerstraat 9
6041 BP Roermond
t +31 475 470 217
f +31 472 470 242
e info@laarmann.eu

www.laarmann.eu

Distributor:


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