

series 100

- Working width **97 mm**
- Rotor diameter **100 mm**
- Motor output **0.75- 1.1 kW**
- Number of rotor knives **3**
- Number of stator knives **2**
- Rotor speed **160 r.p.m.**
- Nominal weight **appr. 40 kg**
- Grinding output **appr. 3-12 kg/h**
- Dimensions (WxLxH) **299x343x676mm**



M 100/100

Some benefits:

- _ very quick sieve and knife change
- _ very quick and easy to clean
- _ knives can be re-sharpened many times
- _ no need to adjust the rotor knife
- _ ideal granulate quality, similar grain
- _ no tool needed to open
- _ external bearing, dust resistant
- _ CE certified

Universal, high performance machine-side granulators *Highest ground material quality through fast material delivery*

The *Hellweg* 100 series beside-the-machine granulators represents an economical solution for use alongside injection moulding machines with a medium amount of sprues to be processed. The space needed is extremely low due to the compact design. These granulators guarantee optimum material handling and fast material delivery due to the design of the grinding chamber. In addition, the use of co-rotating rotor discs prevents ground material from becoming trapped between the rotor and the wall of the enclosure. Thermal degradation of the ground material produced is consequently prevented.



M 100/100 detail chamber and door with serial suction connector

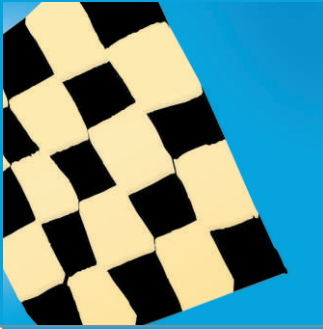


application examples

more >>



Hellweg granulators hold *Pole-Position*



Hellweg Maschinenbau constructs machinery and equipment in its own production facilities, including especially setting up of systems for specific customer tasks, for customers in the plastics and recycling industries throughout the world. The production range covers machine-side mills, granulating mills, edge strip granulators, edge strip feeding equipment, film shredders, as well as extraction and dust removal plant including accessories.



Hellweg

www.cutting-mills.com



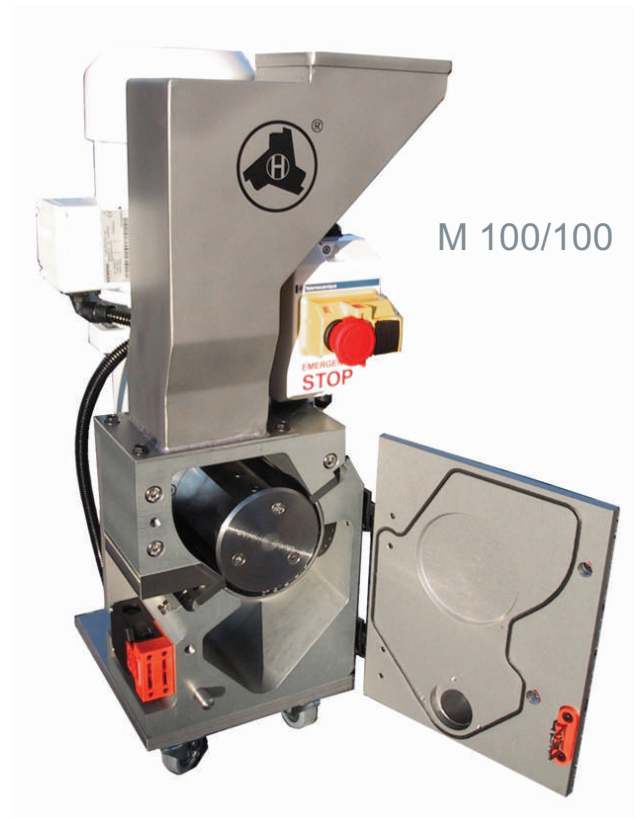
series 100

Small and powerful beside-the-machine granulator *Processing of the small parts and sprues*

Hellweg granulators are used by plastic processing companies to compound thermoplastic waste arising from production – especially engineering thermoplastics such as ABS, PA, PBT, PC, POM, but also PE and PP, involving dosing of ground material again with virgin material during running production, or addition of the material in another application at a later stage. The material to be handled falls into the cutting chamber of the *Hellweg* granulator via a guiding chute and is repeatedly shredded by cutting between rotating and fixed knives, until it passes an attached sieve as ground material. The sieve extends over the lower half of the grinding chamber and is exchangeable. This enables appropriate sieve perforation to be used for the particle size required.

Characteristics:

- _ new innovative chamber technique
- _ gear drive with high torque
- _ high quality long-life knives
- _ ideal granulate quality (sieve drilling from 3-15 mm) with very low dust and similar grain sizes
- _ co-rotating rotor discs prevents material trapping between rotor and housing
- _ easy and fast handling
- _ almost maintenance-free
- _ serial connector for suction
- _ special sieves guarantee constant grain sizes
- _ structural design for easy, complete cleaning through absence of dead corners



Test it !

After a brief agreement, simply send us a sample of the material to be granulated. We will then select a suitable granulator for your application and carry out trial granulation. We will then receive the result returned in the form of granulate for your examination, without any obligation on your part.

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