



Application

Highest granulate quality through fast material delivery

Plastics processing companies often use granulators alongside their injection moulding machines to process the sprues and production waste arising during production into granulate that is dosed again with the virgin material that they are using. Too long a residence time of granulated constituents within the granulator often leads here to reductions in quality in the products that are subsequently produced, especially in the case of small size or low weight products. The small **M 100/100 granulator series from Hellweg Maschinenbau GmbH & Co. KG guarantees fast material delivery, on account of the shape of the grinding chamber and the rotor discs running with the rotor to its side, so that ground material does not become trapped between the rotor and the wall of the housing. This way, thermal damage to the granulate produced is largely prevented.**

The housings of the beside-the-machine granulators are produced entirely in high strength aluminium using effective production methods. The granulators represent an economical alternative to larger and more expensive granulators, using rotors made as one piece with rotor diameter of 100 mm and rotor width of 100 mm. They are used especially for grinding of smaller and thin-walled hollow items such as toothpaste tubes, housings of computer mice and mobile phones, as well as for small sprues, etc.

The drive power of these extremely compact small “flaunters of power”, that with overall weight of only around 37 kg, can be moved on castors, lies between 0.75 kW and 1.1 kW. Rotation speed is around 150 rpm. Areas in the grinding chamber exposed to high wear are fitted with stainless steel inserts. The housings of the machines may be opened without tools, ensuring easy and fast cleaning and maintenance.

Hellweg Maschinenbau GmbH & Co. KG
Vennstraße 10 52159 Roetgen/Germany
Tel. +49 (0) 24 71 / 42 54
Fax +49 (0) 24 71 / 16 30
info@schneidmuehlen.de
www.schneidmuehlen.de