

series *RST* Thermoform

- Working width 650 -1050 mm
- Roll diameter 200 mm
- Motor output 4 -7.5 kW
- Move-in speed 1-145 m/min
- Dimensions (WxLxH) 1500 x 1200 x 1300 mm

Some benefits:

- _ performance-enhancing diagonal cut
- _ stiff torsion-resistant rotor made from one piece
- _ ideal granulate quality, similar grain
- _ very quick and easy to clean
- _ grade-loose adjustable speed-areas
- _ various and adjustable rotation speed ranges
- _ direct use at the production location
- _ application-specific move-roles



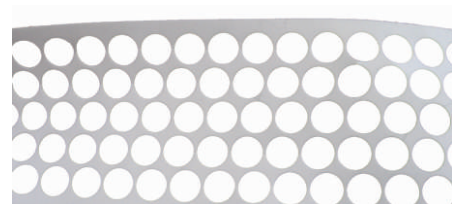
MGS 1050/200 RS

Granulator for thermoplastic punch skeleton waste *Efficient punched skeleton processing*



MGS 650/200 RS with dancer arm control and additional hopper

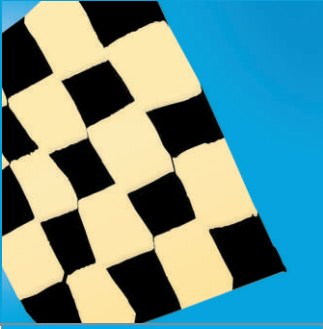
Strips of foils or sheets are punched out in the thermoforming process, especially for packaging products (cups, blister packs, boxes, etc). The thermoplastic punch skeleton waste arising here is re-processed by the new "RST Thermoform" granulator from Hellweg Maschinenbau GmbH & Co. KG into re-usable regrind material. RST Thermoform granulators are fitted with special feeding equipment that can be provided in optional vertical or horizontal versions. Punched skeleton feeding into the granulator hopper takes place with frequency or dancer arm control, whereby the intake is adjusted according to the feed rate of the production machine, so that fluctuations are compensated.



Example of punch skeleton waste

[more >>](#)

Hellweg granulators hold *Pole-Position*

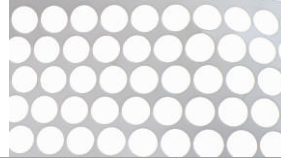


Hellweg Maschinenbau constructs machinery and equipment in its own production facilities, including especially setting up of systems for specific customer tasks, for customers in the plastics and recycling industries throughout the world. The production range covers machine-side mills, granulating mills, 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 *RST Thermoform*

Granulator for thermoplastic punch skeleton waste

Efficient punched skeleton processing

The machines are equipped with a stiff torsion-resistant rotor, in open or closed design, that is produced from one solid piece of metal. This ensures quiet running at high rotation speed without any imbalance. Depending on the purpose, the rotors are fitted with 3 or 5 rows of blades. Versions with working widths of 650 mm and 1,050 mm are offered, along with a rotor diameter of 200 mm and power rating of 5.5 kW or 11 kW. Throughput depends on the screen perforation used and amounts to 120-280 kg/h. The granulators are characterised by a particularly flat design and ease of use. Two pneumatic piston cylinder dampeners enable fast opening of the machine housing and thereby also entirely free access to the blades and for cleaning. The feeding equipment is also available for fitting to already installed granulators, including those from other producers.

A particular characteristic of the new film feeding equipment is the very simple handling and operation that is enabled through the use of a novel roll intake system. This adjusts itself during the running process to the given and also varying film thicknesses. Rest periods or adjustment work by the operator are therefore not required. An electronic control system enables gentle running, as well as also complete braking in the event of the entire blown or cast film line standing still.



Detail frequency or dancer arm control

Entirely free access to the blades and for cleaning

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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series RS

- Working width
120 mm
- Material thickness
Up to 8 mm
- Roll diameter
100 mm
- Motor output
0.37 kW
- Number of rolls
2
- Move-in speed
1-145 m/min
- Nominal weight
appr. 65 kg
- Dimensions (WxLxH)
280x360x510 mm

MGS 650/200 RS

- Arbeitsbreite
650 mm
- Rotordurchmesser
200 mm
- Motorleistung
3 -5.5 kW
- Einzugs geschwindigkeit
1-100 m/min
- Nettogewicht
ca. 600-1000 kg
- Abmaße (BxLxH)
280 x 360 x 510 mm

MGS 1050/200 RS

- Arbeitsbreite **1050 mm**
- Rotordurchmesser **200 mm**
- Motorleistung **4 -7.5 kW**
- Einzugeschwindigkeit **1-100 m/min**
- Nettogewicht **ca. 800-1200 kg**
- Abmaße (BxLxH) **280 x 360 x 510 mm**