



# Application

## Efficient punched skeleton processing

**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 “RST Thermoform” granulator 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.

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.



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