



# Application

## Universal edge strip granulator

### Volume reduction of edge stripes at the production of flat foils

**Cast films and plastic-coated paper sheeting are confectioned by cutting off both of the sheeting edge strips. Irregularities relating to production are thereby eliminated and consistent thickness over the entire width of the sheeting guaranteed. The continuous strips that arise are cut into short pieces with the RC 180 from Hellweg Maschinenbau GmbH & Co. KG, Roetgen. These cuttings can then be conveyed, even up to great distance, for downline processing or disposal.**

The RC 180 edge strip granulator is connected directly by flange to an extraction pipe, through which the edge strips are withdrawn free of wear by vacuum directly from the point of generation and conveyed to open double blade rotor. They are cut there into short cuttings between the rotor and stator blades.

The rotor is CNC-milled from solid material, resulting in running without imbalance. This enables precise setting of cutting gaps, whereby very thin edge strips can also be processed. The cutting gap thickness can be set without training directly at the machine.

The stable exterior suspension of the rotor enables speeds of up to 3,000 r.p.m., so that the equipment can also be used at high sheeting feed speeds of 400-800 m/min. Edge strips with widths of up to approx. 200 mm can be processed. A multiple connection facility enables simultaneous feeding of up to 8 edge strips.

The rotor and stator blades are made in high speed steel (HSS) and can be exchanged very quickly by the user himself directly at the equipment. They may be re-sharpened many times. Costly holding in reserve of a replacement rotor is therefore not necessary.

The RC 180 edge strip granulator is supplied with direct or space-saving belt drive, whereby the power rating amounts to 0.55 kW.

Hellweg Maschinenbau GmbH & Co. KG  
Contact: Mr Mark Hellweg  
Vennstrasse 10  
D-52159 Roetgen/Germany  
Tel. +49 (0) 24 71 / 42 54  
Fax +49 (0) 24 71 / 16 30  
info@hellweg-granulators.com  
www.hellweg-granulators.com