

# series RC

- \_ Working width  
**115 / 154 mm**
- \_ Material thickness  
**0.005-5 mm**
- \_ Rotor diameter  
**135-180 mm**
- \_ Motor output  
**0.55-0.75 kW**
- \_ Number of rotor knives  
**2**
- \_ Rotor speed  
**700-3.000 r.p.m.**
- \_ Nominal weight  
**appr. 65 kg**
- \_ Dimensions (WxLxH)  
**650x280x255 mm**

## Some benefits:

- \_ high precision rotor produced using CNC
- \_ no adjustment of the rotating blades
- \_ double exterior bearings
- \_ solid version for cutting in thickness up to 5mm
- \_ high performance direct drive
- \_ various rotation speed ranges
- \_ direct use at the production location
- \_ designed for continuous 24h operation



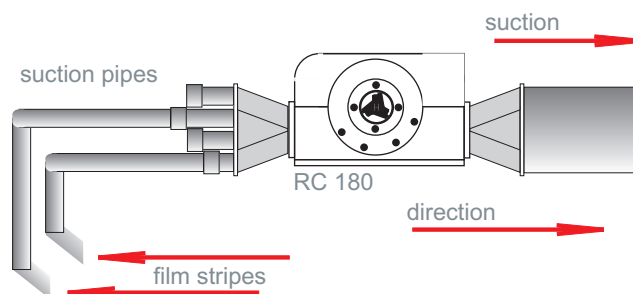
**RC 180**

## Film edge strip granulator: Profit generating side effect

*Volume reduction of edge strips from cast film production*



Cast films are fabricated by cutting off of the two film side edges in order to ensure consistent thickness over the whole film width. The continuous strips that arise are cut into short pieces with the *Hellweg* film edge strip shredder. The cuttings produced can then be transported over long distance pipeline for disposal, or passed to a subsequent compounding operation.



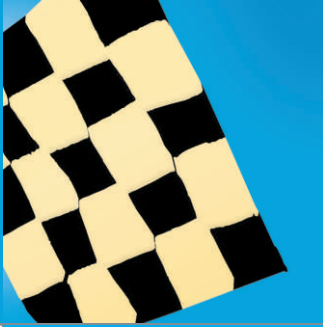
RC 180 adapter for multiple connection

illustration of the mode of operation

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](http://www.cutting-mills.com)



## ***series RC***

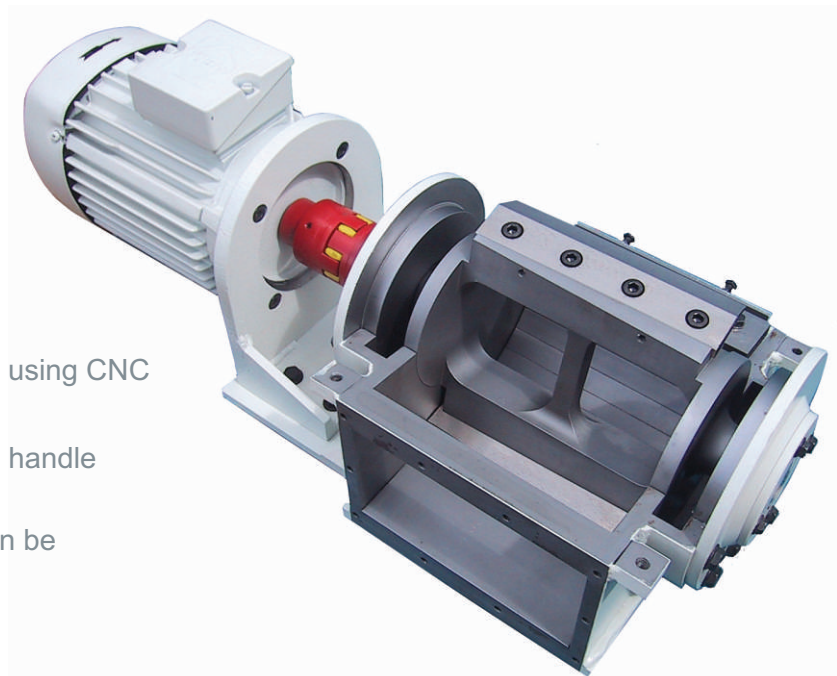
### **RC 135 / RC 180: Profit generating side effect**

*Volume reduction of edge strips from cast film production*

The *Hellweg* RC 180 film edge strip granulator is attached by a flange to an extraction pipe, through which the edge strips are extracted with ease with under-pressure directly from the point at which they arise and fed to the open rotating blade. They are cut there into short strips between the rotating and fixed blades. The width of the blade can be adjusted downwards to just 0.05 mm, which makes the RC 180 especially suitable for processing of the edge strips from very thin films. Film and paper edge strips with widths up to 154 mm can be processed. The smaller RC 135 version can process widths up to 115 mm.

#### **Characteristics:**

- \_ highly precise double bearings
- \_ rotor produced without imbalance using CNC
- \_ high performance direct drive
- \_ adapter for multiple connection to handle bundles of up to 8 edge strips
- \_ high quality cutting blades that can be re-sharpened many times
- \_ compact, space saving design
- \_ almost maintenance-free
- \_ designed for continuous 24h operation



**RC 180**

**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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