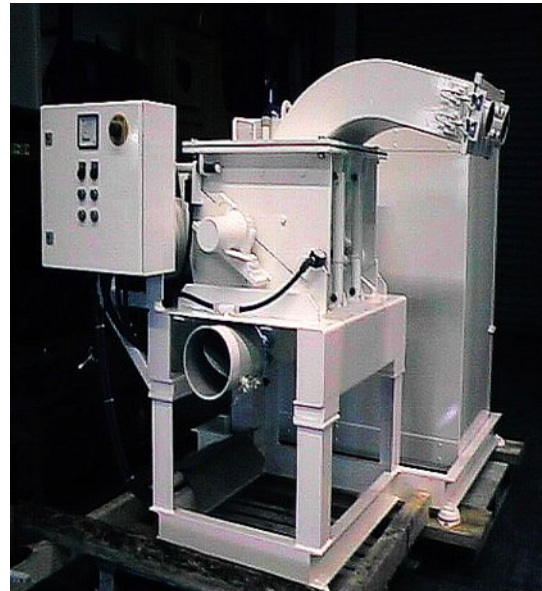
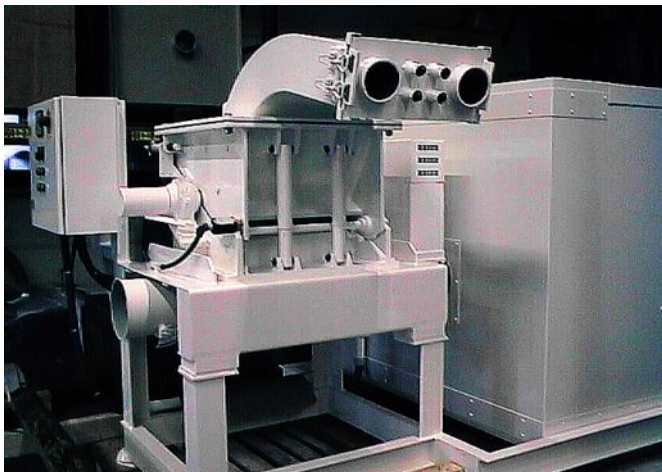


NEUE HERBOLD offers a unique and efficient method for processing edge and middle trims when operating specific high speed production lines.

Application examples:

**Flat and blown film • Foamed film • Paper
• Fleece • Coating systems**

The material transport blower is used as a dual purpose component which not only serves as a material discharge blower but also as a suction component to feed the material into the granulator.



- The double scissors cross cutting action on the rotor and bed knives ensure a consistent gap across the entire rotor length.
- The operating noise level is reduced considerably. Normal operating levels are approximately lower than 85 dB(A) without additional sound enclosures
- The material bulk density is considerably higher due to the cross cutting knife configuration.
- The consistent in-feed characteristics reduce the possibility of material trim breakage during operation.

The advantages of the nozzles in-feed system:

- The material in-feed speed automatically adjusts to the production line speed.
- In the event of a trim break the material can be manually re-fed into the in-feed nozzles.
- This concept is extremely cost effective since no additional mechanical or auxiliary in-feed is necessary for complete system function.

The 3 concepts for edge trim processing

- Granulators with roller feed for edge trims thicker than 1/64 in. and with medium range speeds to maximum 330 fpm.
- Granulators with relief head hopper or for retrofitting the present granulator in conjunction with special applications.
- Granulator equipped with in-feed suction nozzles for use with extremely thin film and high speed production lines

Installation examples

Edge trim processing with direct re-feed:

The virgin material is fed through the cyclone air discharge port to enhance the weight of the recycled material during re-feed.

Edge trim removal with direct feedback at high percentages:

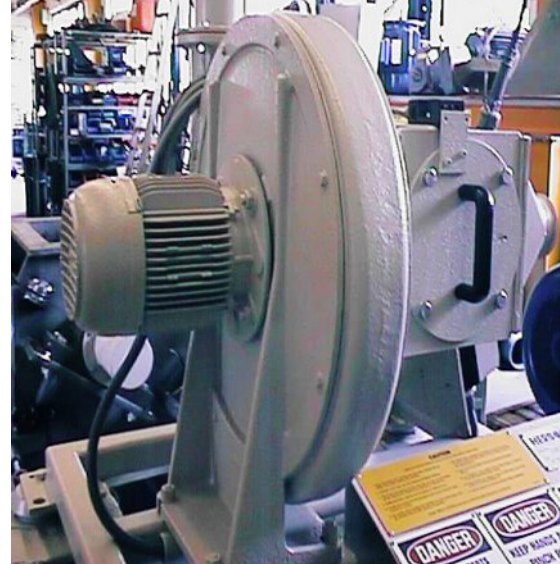
For large quantities, it is advisable to feed the material of a metering screw extruder again.

Complete waste of a cast film line:

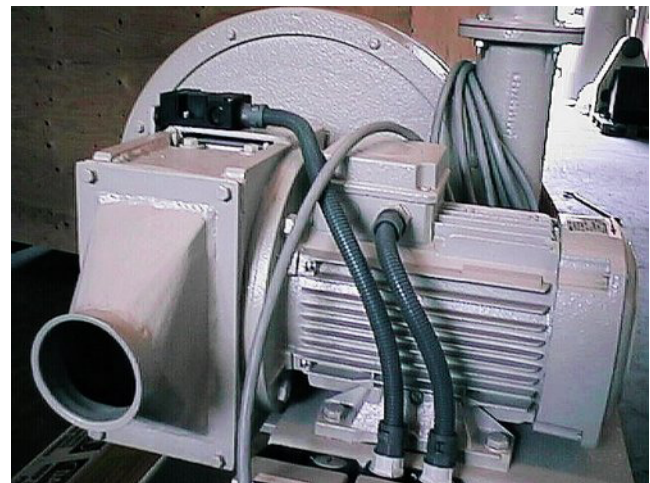
In addition to the advantages and final cut edge strip center strip, committee roles and piece of trash to be disposed of.

The mill with suction before crushed, the final grinding to a grinding mill takes place at the same time adding rolls over a collection device and a manual input for garments waste.

The ground material can be bagged on demand via a change-over, for example, at full signal of the feedback system on the extruder.



LM 200/100 AD



GRANULATOR "AD" Series	LM 200/100	LM 200/200	LM 300/300	LM 300/500
Rotor diameter ? in.	7.8	7.8	11.8	11.8
Motor drive (HP)	3-5	3-7.5	7.5-30	7.5-30
*Through put rates lbs/h = $\frac{3}{16}$-$\frac{1}{4}$ in. screen	45-55	65-110	90-180	135-265

The above indicated rates are dependent on the material and feeding method.

*Information regarding the through-put rate, are based on experience gained with standard size reduction applications and dry materials like PVC profiles. Special applications or light weight materials may not achieve the mentioned minimum capacities. These are therefore no guaranteed features."