Extrem combined – three in one

The new horizontal grinder Vecoplan solution for long-length plastic parts combines guillotine, shredder and granulator in a single machine.
The choice is yours!

The noise emissions from the machine can be significantly reduced by an optional sound-proof booth. The advantage of our plug & play solution is that the machine and booth come ready pre-assembled on a frame – all you have to do is connect the plant to the power supply. Despite the booth, the machine is still easily accessible for cleaning and maintenance.

<table>
<thead>
<tr>
<th>Technical details</th>
<th>VTH 45/4/3</th>
<th>VTH 65/4/3</th>
<th>VTH 85/4/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intake width mm</td>
<td>435</td>
<td>635</td>
<td>835</td>
</tr>
<tr>
<td>Intake height mm</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Dimensions L/W/H mm</td>
<td>2166 / 1266 / 1558</td>
<td>2366 / 1466 / 1287</td>
<td>2566/1666/1558</td>
</tr>
<tr>
<td>Rotor diameter mm</td>
<td>388</td>
<td>388</td>
<td>388</td>
</tr>
<tr>
<td>Screen hole diameter mm</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Rotor diameter Quantity</td>
<td>36</td>
<td>51</td>
<td>66</td>
</tr>
<tr>
<td>Motor output kW</td>
<td>55</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>Throughput kg/h up to 1.000*</td>
<td></td>
<td>up to 1.400*</td>
<td>up to 2.000*</td>
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<tr>
<td>Diameter pneumatic intake connector mm</td>
<td>150</td>
<td>250</td>
<td>250</td>
</tr>
</tbody>
</table>

* Depends on material
Optimize your operating costs and save space on the shop floor!

With the new High-performance drum chipper, production waste such as edge strips in sheet extrusion, pipes and profiles are shredded and ground in a single-stage process, enabling the plastic granulate to be returned straight to the production process. It offers you the benefit of improved costs and reduced space requirements!

Input material
Plastic sheets up to a thickness of 40 mm, as well as pipes and profiles of different lengths can be machined without any difficulty.

Output material
With throughput rates up to 2,000 kg/h, the High-performance drum chipper shreds large quantities of rejected materials.

The Result:
A three-dimensional regranulate with an extremely low fine portion.
The benefits — your added value

Easy to charge materials
The system of horizontal loading makes charging materials easy, including when handling extremely long parts.

High throughput
The High-performance drum chipper also shreds large quantities of rejected materials at a throughput up to 2000 kg/h.

Easy to clean
The machine has been designed without dead spaces and with spacious access for easy cleaning.

Short setup times
Important wearing parts are quick and easy to reach thanks to the clever design of the machine.
Special features of the technology

**Frequency-controlled feed rollers**

This patented solution ensures that there is ideal material feed to the rotor at all times. Secure material feed is always guaranteed in reversion mode through the double infeed rollers.

**Enhanced shredding**

Optimum results are achieved during shredding through the clever placement of the rotor and the use of two counter knives.