



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.

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

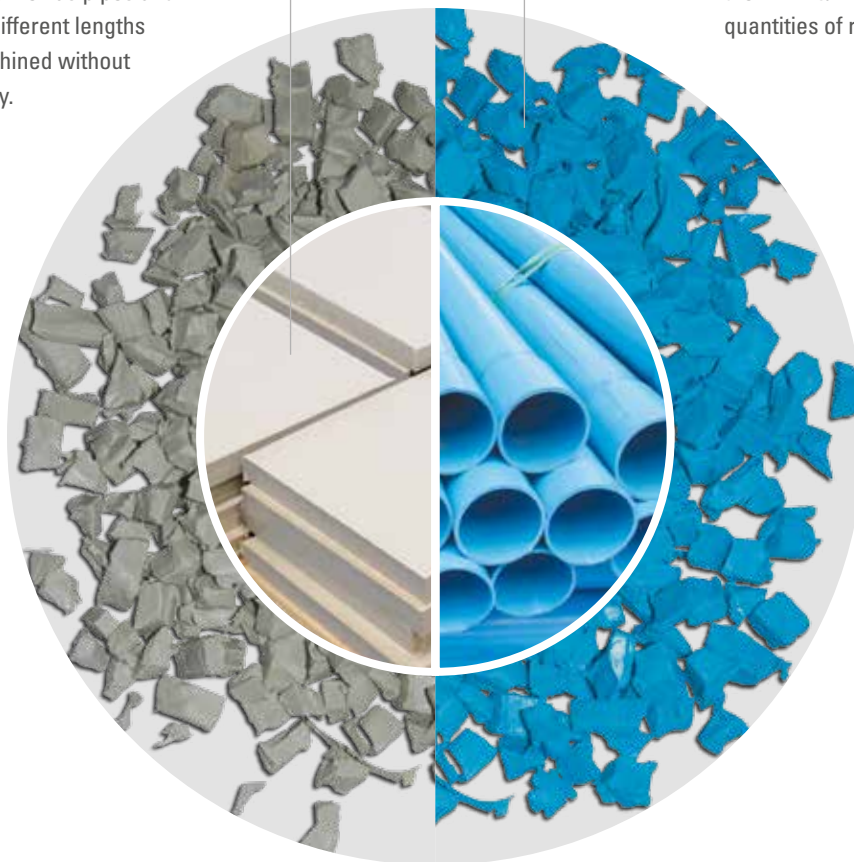
With the new VTH 45/12/3, production waste such as edge strips in sheet extrusion, pipes and profiles of different lengths are shredded and ground in a single-stage process, enabling the plastic granulate to be returned straight to the production process. It offers you the benefit of improved costs and 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 1,000 kg/h, the VTH 45/12/3 shreds large quantities of rejected materials.



The Result:

A three-dimensional reggranulate with an extremely low fine portion.



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.



Technical details			VTH 45/12/3
Intake width		mm	435
Intake height		mm	40
Dimensions L/W/H		mm	2,052 / 1,290 / 1,524
Rotor diameter		mm	388
Cutting crowns		Quantity	36
Motor output		kW	55
Throughput		kg/h	up to 1,000*
Diameter pneumatic intake connector		mm	150

*Depends on material



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.



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 VTH 45/12/3 also shreds large quantities of rejected materials at a throughput rate in excess of 600 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.



Vecoplan®

Vecoplan AG
Vor der Bitz 10
56470 Bad Marienberg | Germany
phone +49 2661 62 67-0
fax +49 2661 62 67-70
welcome@vecoplan.de
www.vecoplan.com