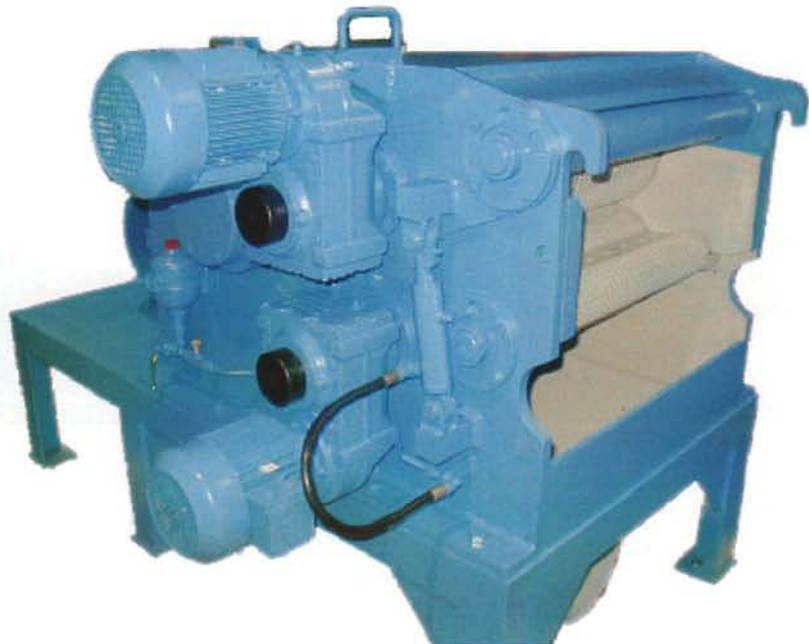


PALLMANN

Economical Solutions for Carpet and Floor Covering Producers

Granulating of Production Waste with the Plastics Chipper, type PHK



Waste is generated during the production of floor coverings or carpet such as edge trims, tiles, sheets and skeletons. The ORIGINAL PALLMANN Plastics Chipper, type PHK is the optimum solution for the production of granules of defined sizes. These granules are an outstanding starting product for downstream processing steps such as densifying equipment like the Plast Agglomerator System, type PFV.

Decisive Advantages

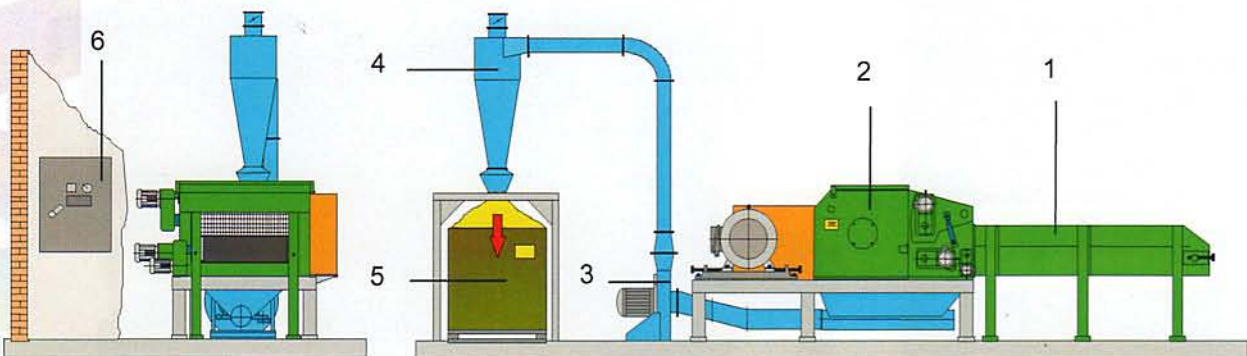
- *Defined granule size depending on the chosen size of the screen, therefore no overs in the end product*
- *Load-controlled material feeding via conveyor belt and draw-in rollers*
- *Easy, horizontal feeding or optional feeding from the top*
- *Rugged and reliable construction, designed for operation in harsh environments*
- *Easy screen- and knife exchange due to maintenance-friendly construction*
- *No knife setting necessary in the machine*
- *High economic efficiency and throughput rate*

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Method of operation

The Carpet or Floor Covering waste is fed onto a horizontal conveyor belt. Feeding to the cutting rotor is performed via load-controlled draw-in rollers. The material is cut between the rotor- and the housing knives and then discharged out of the machine housing through a screen. The hole size of the screen insert is to be determined depending on further processing.

The finished granules are pneumatically conveyed and can be intermediately stored in big-bags or in a bin for later processing.



- 1. Conveyor belt
- 2. Chipper
- 3. Fan

- 4. Cyclone
- 5. Material collecting bin
- 6. Control box

Technical Data

Type	PHK	120 x 700	180 x 1050	300 x 1050
Infeed opening	mm x mm	120 x 700	180 x 1050	300 x 1050
Rotor diameter	mm	400	600	800
Motor, main drive	kW	45	75 - 110	110 - 160
Motor, draw-in rollers	kW	2 x 1,5	2 x 5,5	2 x 5,5
Throughput rate *	kg/h	500 - 3000	1000 - 6000	1500 - 9000

* Throughput rate based on a screen size of 10 x 10 mm.



PALLMANN

Maschinenfabrik GmbH & Co.KG.
 Wolfslochstrasse 51 Postfach 1652
 66482 Zweibrücken Germany
 Phone: +49-6332-802-0 Fax: +49-6332-802-521
 E-mail: plast-chem@pallmann-online.de

<http://www.pallmann.de>