

PALLMANN

Economical Solutions for the Profile Industry

Size Reduction of Plastic Profiles of any Length to Clean-Cut Granules



The ORIGINAL PALLMANN profile shredder, type PSP is the custom-fit solution to granulate cut-offs incurred during the production of window- shade- and other side panels into high quality granules.



Decisive advantages

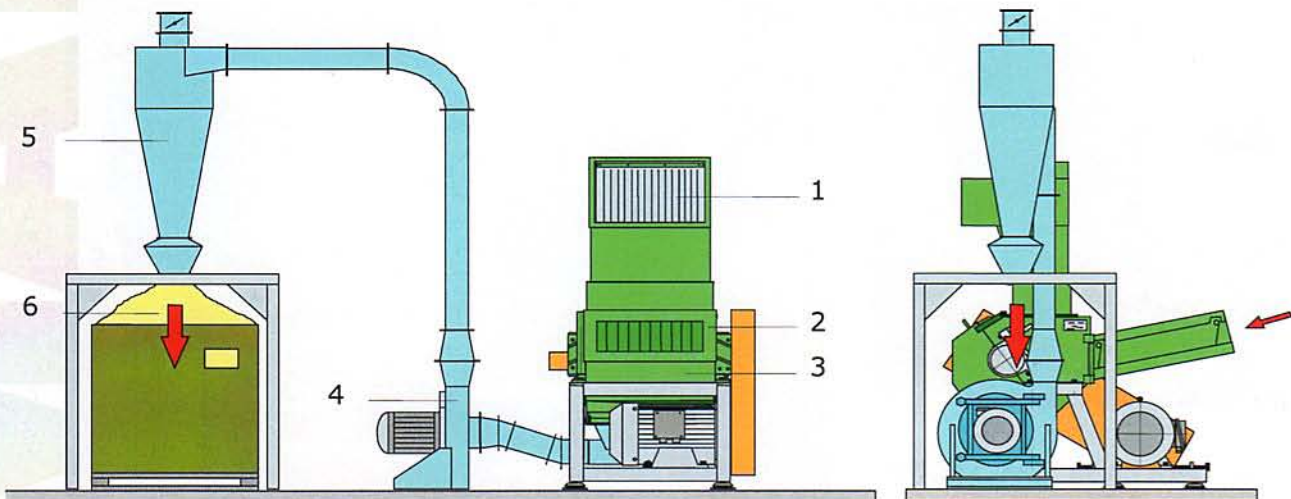
- *Continuous size reduction without precutting*
- *Easy to feed by means of a horizontal feed chute*
- *Fast and thorough cleaning due to easy access of the grinding chamber*
- *High specific throughput rate with optimum quality and low percentage of fines*
- *Additional feed chute for short profile pieces optionally available*
- *Minimum space requirement due to compact construction*

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Method of operation

Full length profiles are fed nearly horizontally through a sound insulated feed chute. This material feed chute is hinged for easy and quick cleaning. It can be easily fed by hand at a convenient height for the operator. The rotor catches the profiles and pulls them automatically into the cutting chamber. The size of the granules is determined by the screen mesh size chosen by the customer.

The granules are evacuated and can be collected underneath the cyclone or transported directly into a silo for further processing.



- 1. Feed chute for short profile pieces
- 2. Feed chute for long profiles
- 3. Profile Shredder
- 4. Fan
- 5. Cyclone
- 6. Storage bin for granules

Technical Data

Type	PSP	400 x 500	500 x 700
Infeed opening	mm x mm	185 x 460	245 x 650
Rotor diameter	mm	400	500
Rotor type		SW 8	SW 8
Motor	kW	37 - 55	45 - 75
Throughput rate*	kg/h	400 - 1250	600 - 1500
Weight	kg	1250	2700
Dimensions	Length	mm	2400
	Depth	mm	2500
	Height	mm	2600

*Throughput rate based on a screen with a hole size of 8 mm round.



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