

PALLMANN

Cost-saving Recycling of Plastic Waste

Economical Granulation of all Types of Injection Moulded, Blow Moulded and Extruded Parts



Granulators Type PS-V are used as multi purpose central granulators for recycling of all types of injection moulded, blow moulded and extruded parts. Plastic parts with thin or thick walls can be granulated, as well as purgings, lumps, profile and pipe waste etc.



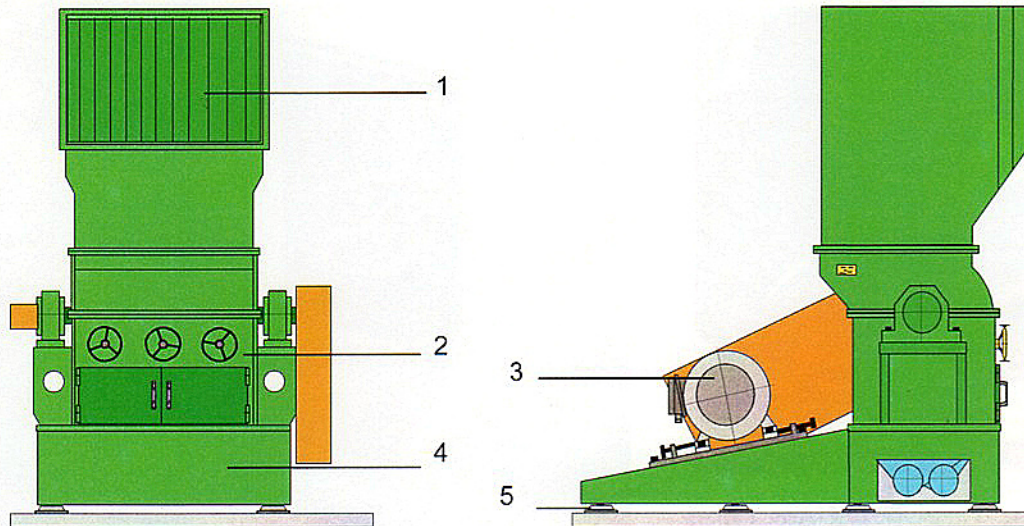
Decisive advantages

- *Low infeed height, mounted on shock absorbers*
- *No knife adjustment inside the machine necessary*
- *With third bed knife (option) purgings can be granulated*
- *Good access to the grinding chamber for easy cleaning*
- *steel fabricated design, rugged and reliable*
- *Minimum space requirement due to compact design*
- *Short delivery time and very competitive in price*

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Method of operation

Installation of the granulator is direct on the production floor or in a pit. Feeding is done manually or with a belt conveyor. Material is size reduced between rotor- and bed knives. A screen holds material inside the grinding chamber, as long as it is too coarse. Fine material is discharged through the screen into a suction pan, which can be connected up to a pneumatic conveying system.



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|-----------------|--------------------|
| 1. Infeed chute | 4. Suction pan |
| 2. Granulator | 5. Shock absorbers |
| 3. Drive Motor | |

Technical Data

Type	PS-V	35 - 50	40 - 60	56 - 70	56 - 100	80 - 120	
Infeed opening	mm	400 x 500	650 x 630	700 x 700	700 x 1000	1000 x 1200	
Rotor diameter	mm	350	400	560	560	800	
Rotor knives	pcs.	2 x 3	2 x 3	2 x 5	2 x 5	2 x 7	
Bed knives	pcs.	2 (3)	2 (3)	2 (3)	2 (3)	2 (3)	
Motor	kW	22	55	75	110	160	
Throughput rate*	kg/h	200 - 450	350 - 700	500 - 1200	650 - 1700	1200 - 2500	
Weight	kg	1400	2500	3900	4900	10.200	
Dimensions	Length	mm	1520	1870	2090	2200	3070
	Width	mm	1100	1340	1700	2000	2180
	Height	mm	2160	2680	3740	3740	3960

*Throughput rate based on a screen with a hole size of 10 mm round.



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