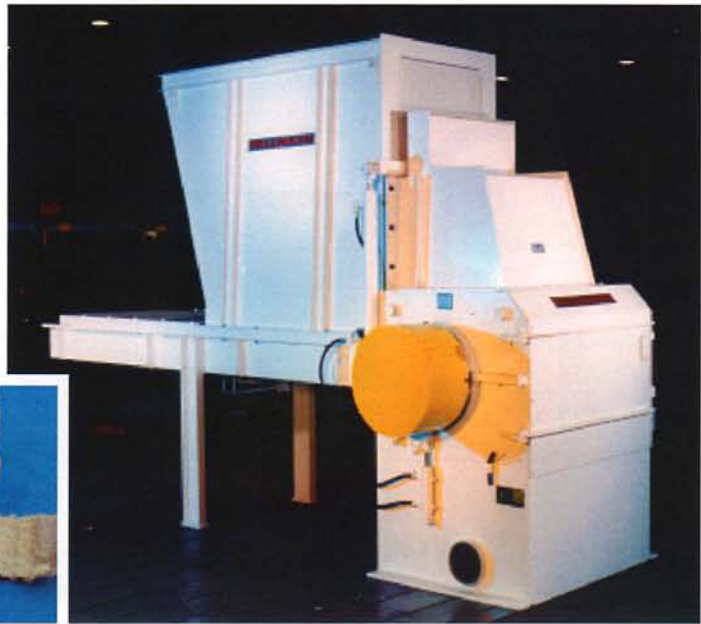


# PALLMANN

**Cost-saving Recycling of Carpet and Floor Covering**

**One-step Size Reduction of Waste in Bulk Form and in form of Pressed Bales with the Horizontal Knife Mill, type PSRH**



The ORIGINAL PALLMANN Horizontal Knife Mill, type PSRH, called „Biber“, with an hydraulic feed system is best suited for the size reduction of most various types of carpet and floor coverings such as edge trims, tiles, sheets or skeletons waste from the production.

## ***Decisive advantages***

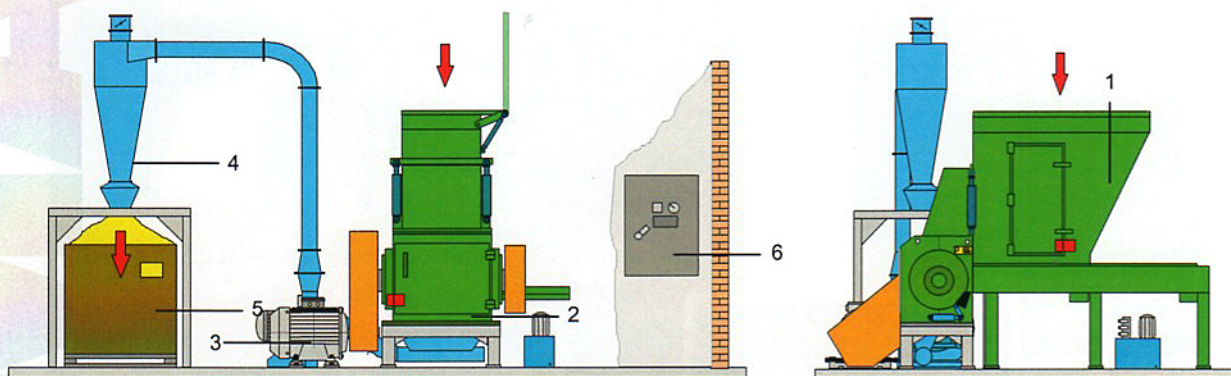
- *Fully automatic operation*
- *Large infeed opening, feed hopper easy to fill*
- *Large feed hopper; feeding of whole bales or full boxes of waste*
- *One-step size reduction to the desired final size*
- *Finished product is an excellent material for further processing*
- *Easy access to the cutting chamber for cleaning purposes*

# Cost-saving Recycling of Carpet and Floor Covering

## Method of operation

The Horizontal Knife Mill is usually installed on the production floor or in a pit. Typical feeding method is by hand, with a belt conveyor, a forklift, a crane or other mechanical devices into the feed hopper.

The feed material is automatically fed into the rotor by means of a hydraulic, intermittently moved live bottom. The material is size reduced between the rotor- and stator knives. A screen keeps the material in the grinding chamber until the desired final size is achieved. The finished product is discharged straight down and is transported further either pneumatically or mechanically, depending on the material condition or the downstream processing step.



- |                          |            |                    |
|--------------------------|------------|--------------------|
| 1. Feed hopper           | 3. Fan     | 5. Sacking station |
| 2. Horizontal Knife Mill | 4. Cyclone | 6. Control cabinet |

## Technical Data

Type	PSRH	6-9	6-12	12-8	16-12	22-18	
Feed hopper opening	mm	2000x730	2000x1150	4000x920	4000x1050	3500x1600	
Rotor diameter	mm	600	600	1200	1600	2200	
Rotor length	mm	900	1200	800	1200	1800	
Motor	kW	75	110	160	200	540	
Throughput rate*	kg/h	500-2000	650-2600	1000-4000	1750-7000	3000-12000	
Weight	kg	8300	10300	18300	29200	85000	
Dimensions (Machine)	Length	mm	5670	6140	10695	12000	16340
	Width	mm	3720	4030	3100	4830	6500
	Height	mm	3640	3640	2755	4000	5240

\*Throughput rate for various Carpet and Floor coverings.



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