



EN

THAT'S THE WAY TO RECYCLE



Typ WP

## WIPA PULVERIZER

### PULVERIZER

[www.wipa-germany.de](http://www.wipa-germany.de)

#### PRODUCT RANGE:

PLAST COMPACTORS / AGGLOMERATORS

GRANULATORS

SHREDDERS

GUILLOTINES

PULVERIZING SYSTEMS

WASHING SYSTEMS

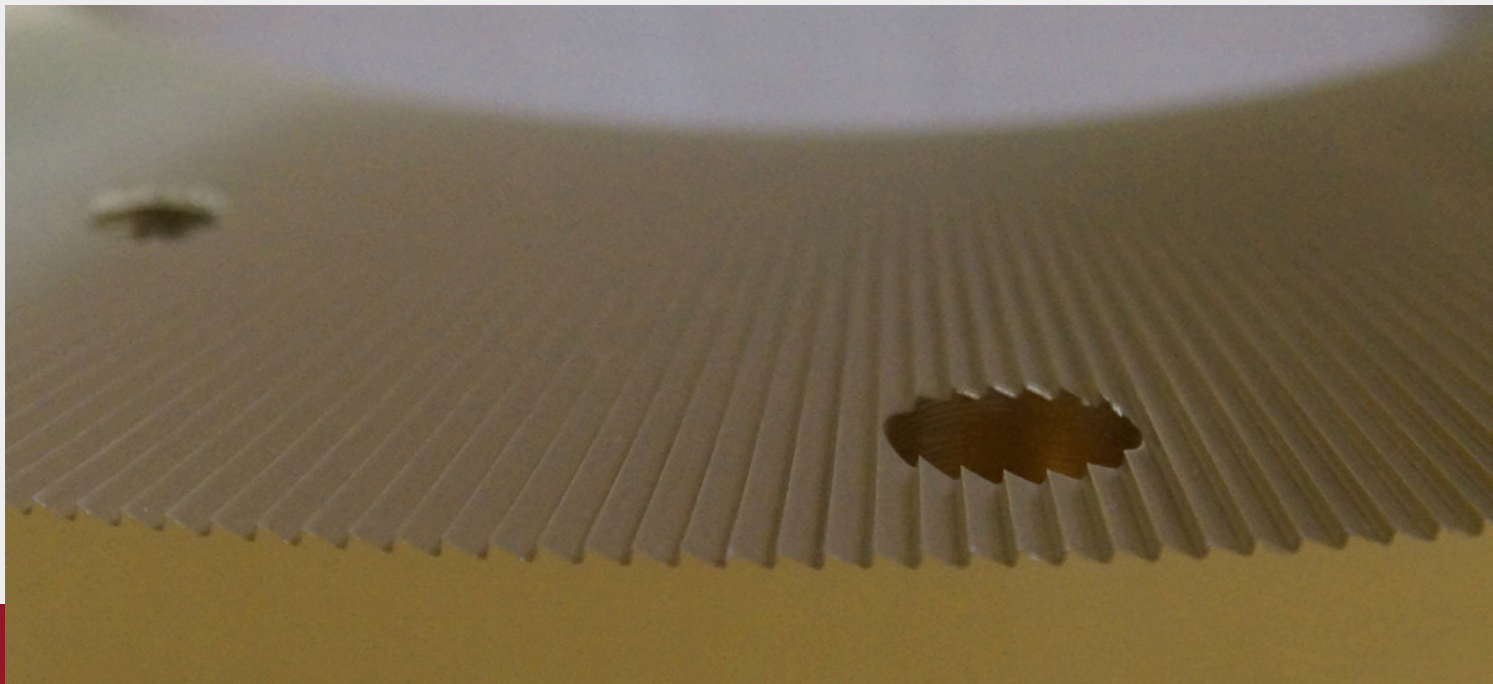
EXTRUDERS

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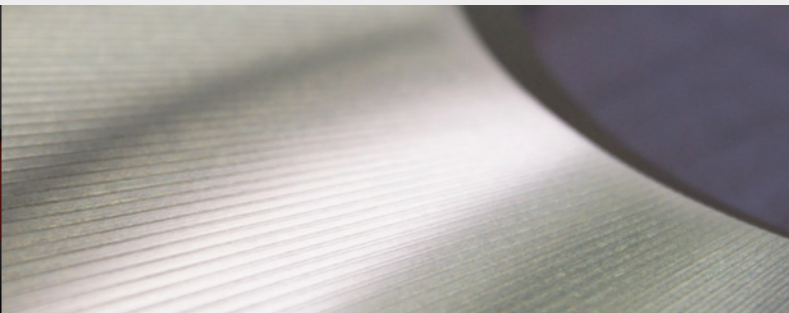
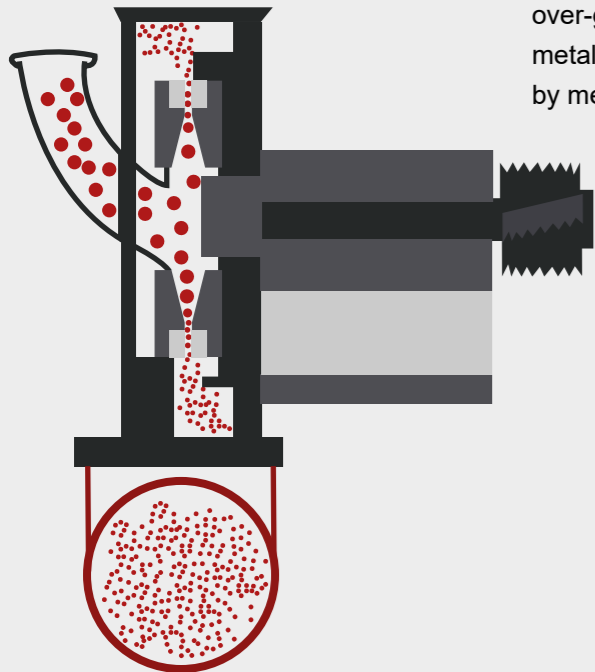
WiPa: Ihr weltweiter Partner  
in der Recycling Branche.



WiPa WP50  
Robust und kompakt

## WiPa Pulverizer Type WP

WiPa WP fine grinding machines are milling units for pulverizing brittle and hard plastics. The plastic to be processed, with a size of approx. 3-8mm, is centrally fed to a disc pair via an adjustable dosing trough. At the center of the grinding disks are strips attached, which convey the material into the grinding area. If the material is shredded, it can be transported away pneumatically and, depending on the task, fed to a downstream sieving machine with automatic over-grain recirculation. WiPa precision mills are equipped with a metal detector as standard to prevent damage to the grinding discs by metals.



### HIGH QUALITY POWDER

Due to the optimized design, the material only spends the shortest time in the grinding chamber. A thermal de-grading of the material is thus almost impossible. An optimal consistency with uniform grain size and high bulk densities and a good flowability of the powder are decisive to e.g. to allow a uniform wall thickness and distribution within a rotational mold.

### GAP ADJUSTMENT

The setting of the grinding gap is done with closed machine by adjusting screws, which are mounted outside the machine. Through 3 openings in the grinding chamber, the gap between the grinding discs can be easily checked and adjusted if necessary via the adjusting screws.

### FULLY AUTOMATIC

Automatic and even material dosing through adjustable vibration unit and thus continuous throughput and consistent quality.

### OPTIMIZED AIR GUIDE

The secondary air can be regulated by a slide on the suction channel, which ensures a uniform removal of material and the discs can be optimally cooled.

### MAINTENANCE FRIENDLY

Thanks to large-dimensioned openings and easy accessibility at the most important points of the machine, the simplest maintenance is guaranteed and downtimes are kept to a minimum.

### ECONOMICALLY

A compact, robust and easy to maintain design and high quality materials guarantee high availability.

### TEMPERATURE CONTROL

For temperature-sensitive materials, water can be added to the process via the cooling unit, which prevents possible adhesion of the material to the grinding discs.

- Input material size of about 3-8mm depending on the material type
- Different types of thermoplastics PVC, PE, PP, PC, PA etc.
- production waste, such as pre-cut tubes and profiles, skirting boards and plastic sheets
- Materials for the food, pharmaceutical and chemical industries
- Output from 500 µm to 2 mm depending on material specification

Type	Power	Throughput	PE	H-PVC Pipes	H-PVC Profiles*
WP 300	22-37 KW	150-200 kg/h	80-150Kg/h < 500 µm	ca. 250Kg/h < 800 µm	ca. 200Kg/h < 600 µm
WP 500	45-75 KW	250-750 kg/h	200-350Kg/h < 500 µm	ca. 450Kg/h < 800 µm	ca. 400Kg/h < 600 µm
WP 800	75-110 KW	750-1200 kg/h	370-600Kg/h < 500 µm	ca. 900Kg/h < 800 µm	ca.800Kg/h < 600 µm

\*mit Nachklassifizierung