

Focus on Precision.



The Zig-Zag Aspirator for Removing Labels and Dust

Separating lightweight materials from rigid flake is a challenge in plastics recycling.

For example:

- Removing labels from shredded PET, HDPE or PP bottle flakes. The labels themselves can be made of paper, LDPE, PP, PET or laminated composites.
- Removing covering labels from skeletons and stars from dairy packaging, which are manufactured by thermoforming and punching.
- Removing of fine dust from regrind waste plastics, which is necessary before further processing.



Advantages

- Homogeneous airflow within each Zig-Zag aspirator generates consistent conditions at maximum performance
- Labels and dusts are removed simultaneously
- The vertical construction offers a small footprint
- All devices are easily accessible from a maintenance platform
- Low energy consumption and wear

| | ZZ-1 | ZZ-2 | ZZ-4 | ZZ-8 | ZZ-12 |
|--|-------------|-------------|-------------|-------------|--------------|
| Rated power distribution impeller [kW] | 1) | 1) | 4.0 | 5.5 | 5.5 |
| Rated power extraction fan [kW] | 1.1 | 3.0 | 5.5 | 7.5 | 11.0 |
| Rated power rotary valve [kW] | 0.37 | 0.55 | 0.55 | 1.1 | 1.1 |
| Throughput flake 8–12 mm thickness > 0.5 mm [kg/h] | 300 | 600 | 1200 | 2400 | 3600 |

1) not applicable



Plato GmbH
 Nickrischer Strasse 20
 02827 Goerlitz
 Germany

Phone +49 35822 312735
 E-Mail info@plato-technology.de
 Web www.plato-technology.de