Air-Recycling Aspirator.
Efficient cleaning.
High separating efficiency.

Air-recycling Aspirator MVSQ.
Gravity separator with high separating efficiency.

Application
For the separation of low-density particles from granular products such as wheat, rye, barley, oat and corn (maize) in an aspiration channel.

Mode of operation
The product is fed through an inlet spout to a vibratory feeder and spread uniformly across the entire width of the separation channel. In this vertical aspiration channel with its double-adjustable wall, the curtain of product is loosened and the low-density particles are separated. The clean heavy product is discharged from the machine through finger valves, whereas the light fraction is separated from the air in a special separator and is then discharged by a screw conveyor and retarding gate. The air is recycled by a radial fan back to the aspiration channel. The possibilities of control by a double-adjustable wall and the air volume (using built-in butterfly valve) permits an optimal adjustment of the air-recycling aspirator to the particular application.

Features
- Air-recycling aspirator with built-in radial fan, separately driven
- Minimum air requirement – small filter area and low power requirements
- High separating accuracy thanks to double-adjustable wall
- Precise adjustment of the separation degree
- Gravity separator with high separation efficiency
- Application as single machine or in combination with a separator
Minimum air requirement.
Low operating costs.

Design
1. Product feed with eccentric drive
2. Aspiration channel with double-adjustable wall
3. Integrated separator for low-density product
4. Radial fan for recycling air
5. Air recycling channel
6. Screw conveyor with discharge gate for low-density product
7. Outlet with finger valves for discharge of heavy product

Dimensions in mm

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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Technical data

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<tr>
<th>Type</th>
<th>Capacity in t/h*</th>
<th>Aspiration in m³/min.</th>
<th>Approx. weights in kg (without motor)</th>
<th>Volume by sea m³</th>
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* Depending on product