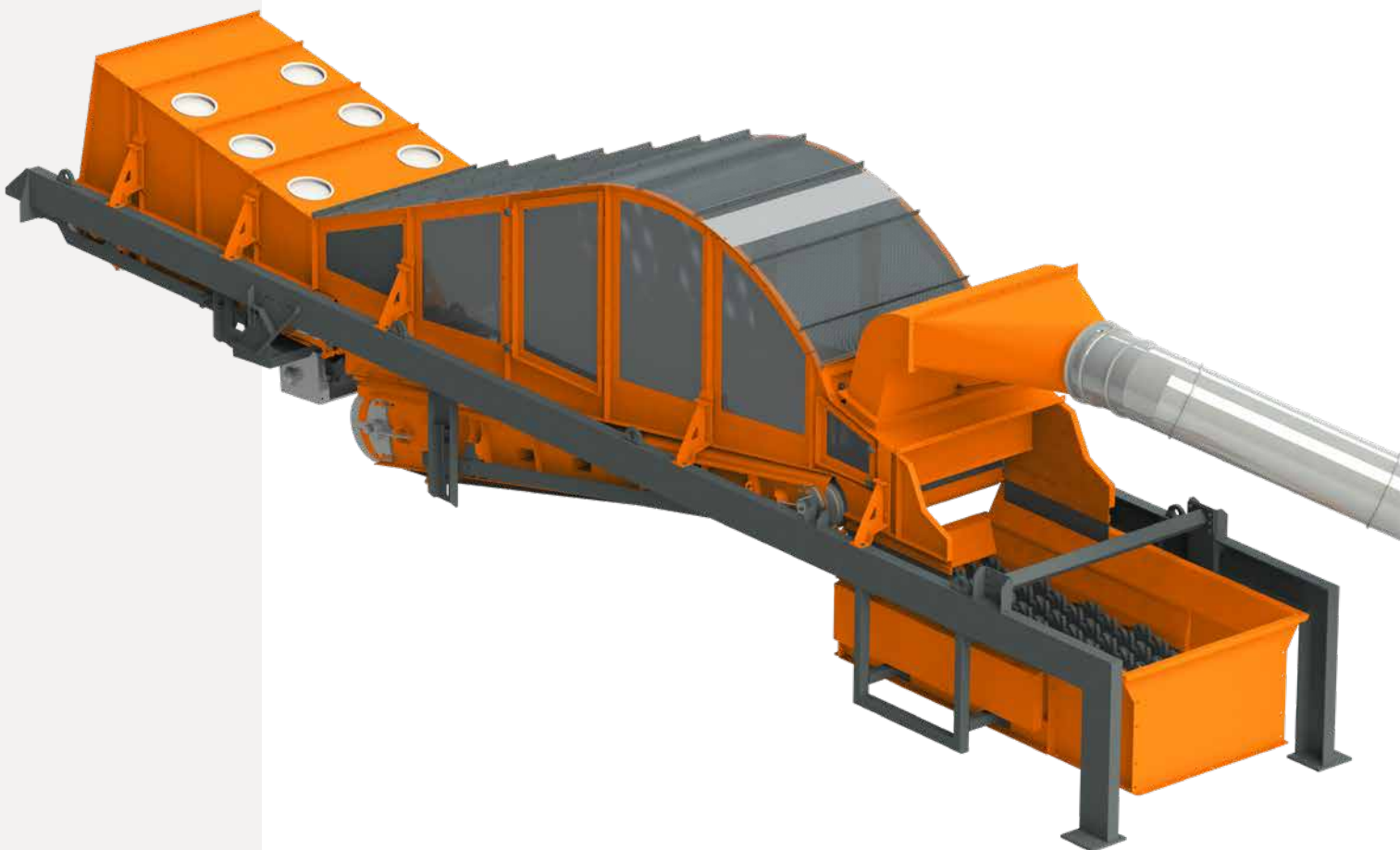


Aeroselector



Aeroselector

Range of application

Prior to the Aeroselector screen overflows had to be discarded expensively. Now they can be separated into four usable fractions. In professional composting plants this machine already proved itself successfully in separating plastic foils, stones and structural material from the screen overflow. Also other moist and try material mixtures consisting of differently sized fractions can be split up effectively with this solution.

The Aeroselector is perfectly suited for the following industries:

- Compost, Soils & Substrates
- Recycling & Waste

The perfect solution

The Aeroselector combines wind sifting, ballistic separation and screening in one machine. Its throughput but especially its compact design and its efficiency are very convincing. Its energy balance is by far superior to that of mobile machines.

Advantages

- + High throughput
- + Perfectly suited for the integration within existing processing lines
- + No clogging
- + Low maintenance, low cleaning requirements
- + Easily accessible
- + Lifetime of up to 15 years
- + Numerous adjustment options - also during operation
- + Very energy-efficient
- + Safe operation

Standard scope of supply

- + Aeroselector
- + Elastic Mounting
- + Control unit, incl. various adjustment options such as:
 - + Speed of all drives using a frequency converter
 - + Inclination of the acceleration belt
 - + Adjustment of the trajectory parabola

Optional features

- + Feed hopper
- + Flip-flop screen
- + Magnetic pulley
- + Visualization



Input material



Fine compost

Operating principle

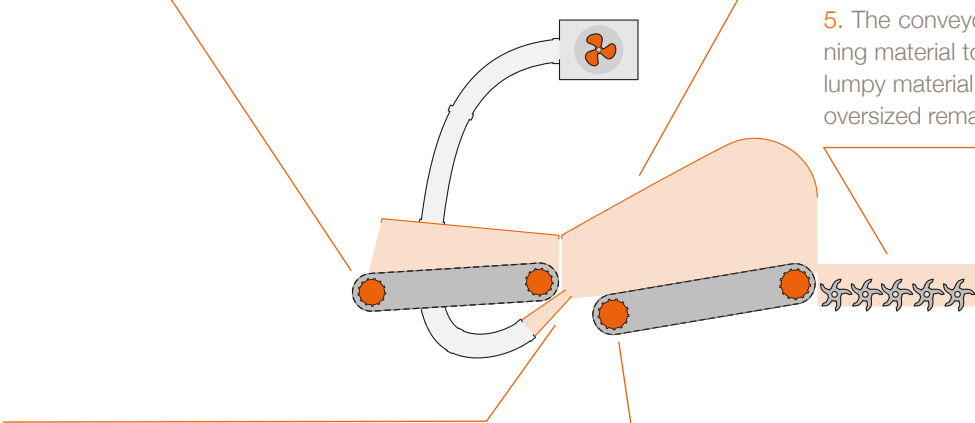
1. The acceleration belt does not only forward the material flow at the perfect speed for the subsequent processing it also takes care of the ideal distribution of the material on the belt itself.

2. In the transfer area from the acceleration belt to the downstream conveyor belt, an air flow is fed in from below. This removes foils and light goods from the material flow.

4. Heavy, small and spherical material (e.g. stones) falls off the acceleration belt and bounces off the front roller of the next conveyor belt.

3. The detached foils move along the cover of the wind sifter unit to the suction channel where they are then transported e.g. into a separate standard container.

5. The conveyor belt now transports the remaining material to a star screen, where elongated, lumpy material (e.g. twigs) is separated from the oversized remaining pieces (e.g. branches).



Data and Facts

Throughput	up to 100 m³/h
Working width	1200 mm
Outer dimensions	11500 x 2600 x 3000 mm (L x W x H)
Power input	45 kW
Weight	7500 kg
Air performance supply air	max. 10500 m³/h
Air performance exhaust air	max. 21000 m³/h



FE-material



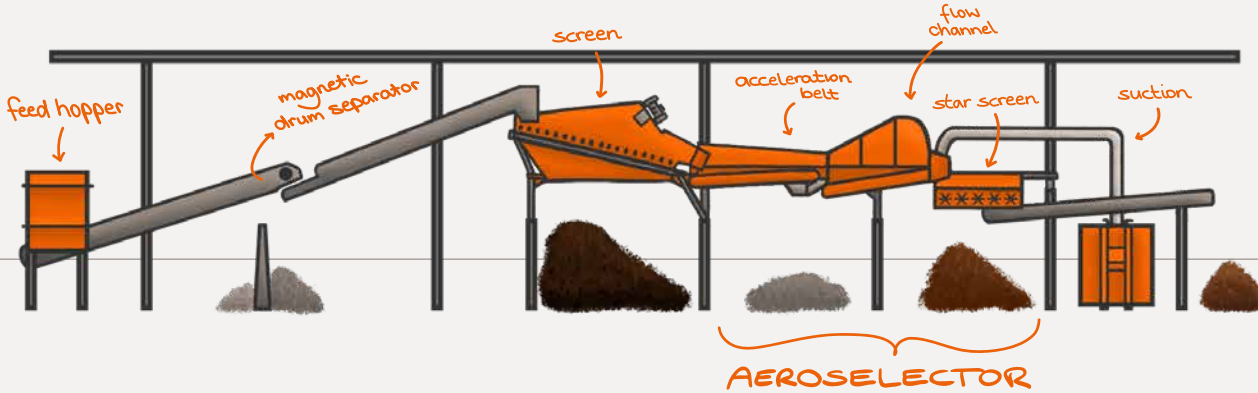
Stones



Structural material



Plastic foils





committed



IFE
Material Handling



competent



experienced



partnership

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IFE Aufbereitungstechnik GmbH

Patertal 20
3340 Waidhofen/Ybbs
Austria

Phone
+43 7442 515-0

Fax
+43 7442 515-15

Mail
office@ife-bulk.com

www.ife-bulk.com