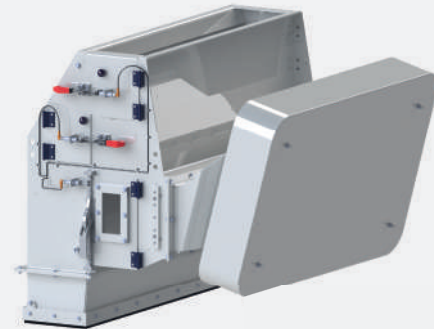


## Reliable Protection of the Mill against Foreign Bodies

# AIR GRAVITY SEPARATOR AGS

The air gravity separator AGS is used for the aspiration of the hammer mill and at the same time for continuous separation of foreign bodies of all kinds.

The foreign parts separator is ideally suited in combination with our screw feeders TTS & TRS for the optimal charging of the hammer mill.



## Your Advantages

### Efficient Foreign Body Separation

- Two extra strong permanent magnets for the separation of magnetic foreign bodies
- Cross-flow sifting for separation of non-magnetic foreign bodies and heavy parts
- Air flow adjustable to the product properties with vanes

### Reliable Operation and Long Service Life

- Robust welded steel construction for continuous industrial operation (24/7)

### High Availability with Low Downtimes

- Avoidance of mill downtimes in case of damage by foreign bodies
- Easy access for cleaning and maintenance through maintenance doors

- Magnets can be pulled out for easy cleaning
- Collecting tray for cleaning the magnets is hooked into the door opening
- Heavy parts catch tray removable for easy emptying

### High Safety of Personnel and Plant

- Pressure shock resistant and flameproof design (0.4 bar)
- ATEX design according to zone 22 (II 3 D) outside optionally possible

## Technical Details

Type	AGS 200	AGS 300	AGS 400	AGS 500	AGS 650	AGS 800	AGS 1000	AGS 1200
Throughput capacity at 0.6 t/m <sup>3</sup> (t/h)	20	26	37	47	55	63	80	92
Throughput (m <sup>3</sup> /h)	34	44	62	80	90	105	132	154
Air volume (m <sup>3</sup> /min)	30	45	65	85	95	110	140	176
Dimensions and Weight								
Working width (mm)	250	320	450	550	650	760	960	1112
Installation height (mm)	1095	1095	1095	1095	1095	1095	1095	1095
Width (mm)	300	380	530	630	730	840	1040	1232
Depth (mm)	695	695	695	695	695	695	695	695
Weight (kg)	130	150	185	220	240	270	330	370

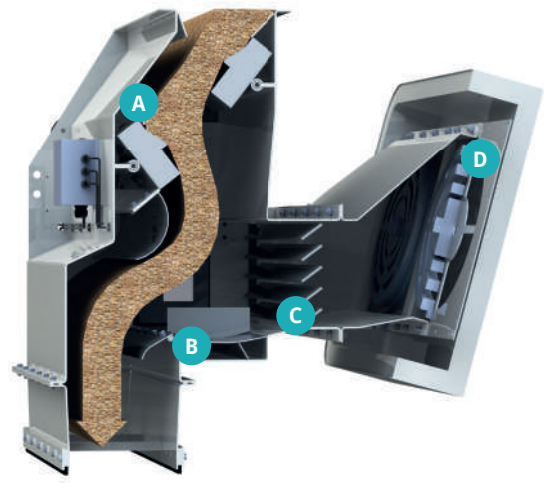
## Standard Supply and Options

### Standard Scope of Supply:

- Pressure shock resistant up to 0.4 bar and flameproof
- 2-stage magnetic cascade, magnets can be pulled out for cleaning
- Cross-flow sifting with adjustable vanes
- Removable heavy parts tray
- Collecting tray for cleaning the magnets
- Air inlet with sound absorbing cover
- Multilayer coating

### Option:

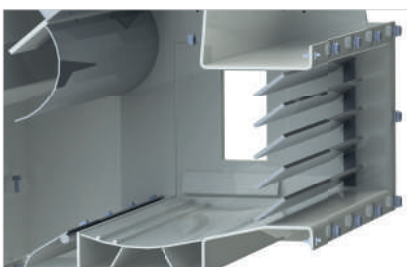
- Aspiration air valve A-Vent for explosion isolation of the inlet for the aspiration air: If a dust explosion inside the hammer mill occurs, the A-Vent closes and isolates against the ambient
- ATEX design according to zone 22 (II 3 D) outside



**A** Magnets can be pulled out for cleaning



**B** Removable heavy parts tray



**C** Adjustable air vanes



**D** Aspiration air valve A-Vent for explosion isolation (option)