

## BAGHOUSE FILTER



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*Statement from our founder, owner and CEO:*

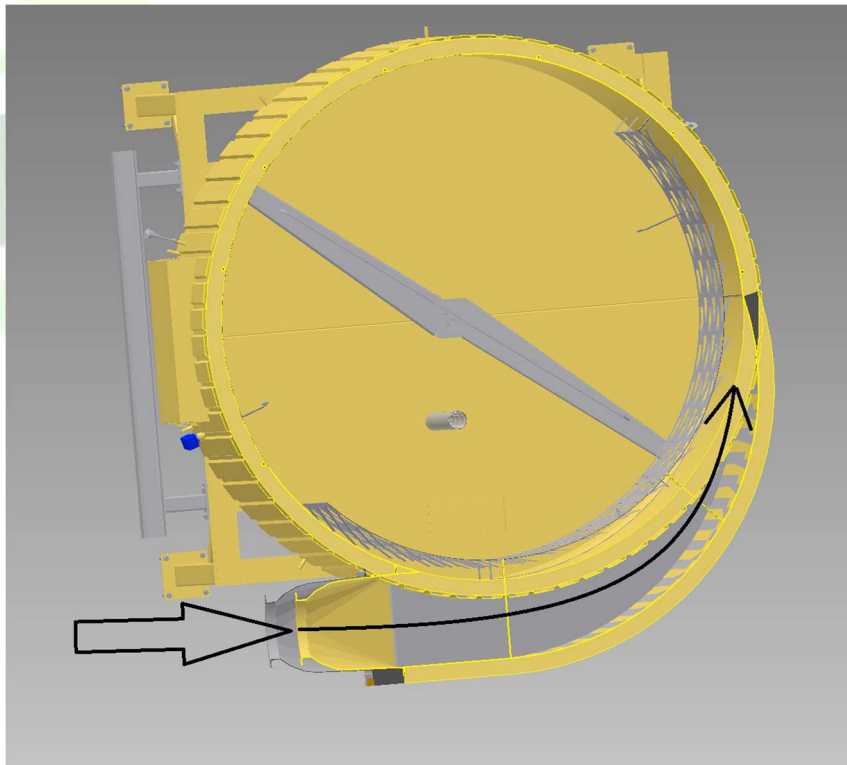
”Round baghouse with built in cyclone effect”

“Plug-and-play install ready from our factory”

*Hermann Runarsson*

## Key Benefits of Round Filters

- A tangential air inlet combined with an integrated cyclone ensures optimal airflow distribution and even utilization of the filter bags.
- The largest dust particles are separated and collected before reaching the filter bags, reducing filter load and wear.
- The round design provides superior structural integrity compared to square designs and offers better resistance to pressure spikes.
- A flat-bottom design with a rotating scraper reduces the overall height of the baghouse compared to a traditional cone-bottom design.



## Filter bags of high quality

The correct selection of filter bags and load calculations ensures a long and effective service life of the filter.

### Factors to consider:

- Fuel type: wet or dry wood chips, straw, waste, pellets, etc. ?
- Inlet dust load and requirements for outgoing dust emissions ( $\text{mg/m}^3$ ) ?
- Operating and peak temperatures?

### What are your factors to consider?

Fuel type: \_\_\_\_\_

Emissions: \_\_\_\_\_

Temperatures - Operating: \_\_\_\_\_ Peak: \_\_\_\_\_

*\*Even if your project data is limited, feel free to contact us.*

### Recommendations for Filter bags:

In general, we recommend using aramid filter bags for operating temperatures up to 200°C

PTFE filter bags for temperatures up to 260°C

We only use high-quality filter bags from trusted European suppliers

## Short History of Runarsson A/S Baghouse Filters

Our baghouse filters have been installed in combustion plants across Europe for more than 10 years.

They operate both in the far north, with cold climates, and further south, giving us experience with all types of climatic conditions.

Typical filter sizes are 1–10 MW. For larger plant sizes, we use twin filters.

We are always ready to do on-site install.

Our established know-how and flexible approach make us the perfect partner for your filtration requirements.

