



Elogic®

**the other way,
the better way.**

Elogic Filtration **Your partner for all tasks in the field of dedusting**

Individual solutions using a range from compact filters up to process filters

Elogic Filtration

You call us early enough.
You make your problems to ours.
You like to get everything from one source.
You focus on your expenses.

We prepare concepts for free.
We understand your processes and find solutions.
We tie up a proper package.
We optimize your investment cost as well as your running cost.

Planning / construction

Elogic is planning new plants as well as modernizing and increasing performance of existing installations. Long time experienced team members are using state of the art 3-D CAD tools. Elogic is projecting compact filters e.g. for conveyor transfers as well as complete dedusting solutions including all process filters e.g. for cement plants. Tailor made projects instead of standard solutions will be set up.

Purchasing / production

Based on a World Wide network of certified producers local opportunities are being used and logistics is being optimized. An international sourcing pool secures delivery of outsourced items just in time. Quality is always and uncompromising top priority ensured everywhere by qualified supervisors.

Erecting / commissioning

Based on either incorporated contracts or supervision contracts erecting specialists ensure on time assembly and take care of maximum security on site. Commissioning experts from Elogic assure a smooth start up of the plants. Professional training is enabling your people to run the dedusting units in an efficient way.

After sales service / maintenance

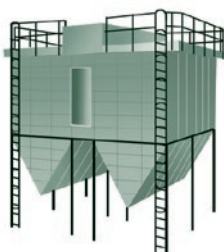
Continuous maintenance guarantees stable production processes and high plant availabilities. Elogic is offering the most important pre-condition – long year know how of team members. Elogic service contracts enable to plan maintenance expenses and help saving money and manpower.



Dedusting solutions



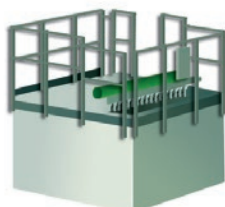
Compact filter



Series filter and double filter



Round filter



Filter heads and vent hopper filter

New construction or upgrading and increasing performance

Complete package from planning up to commissioning and finally maintenance and after sales service.

Industries and scope of applications

Rock, stone and minerals: Cement, lime and gypsum industries, primary and construction materials industry.

Metallurgy: Iron and steel production, foundries, non ferrous metallurgy (e.g. aluminum industry), metal machining and processing.

Energy industry: Waste gas and smoke gas cleaning, e.g. waste incineration plants

Others: On request.

Performances and scope of delivery

Planning and delivery of dedusting plants from 1.000 up to several million m³/h. Upgrading of units of all suppliers and brands.

- Compact filters
- Series filter and double filters
- Round filters
- Vent hopper and silo filters
- Filter heads for conversion and upgrading
- Filter media for all applications

| | | Compact filter | Series filter and double filter | Round filter |
|----------------------|-------------------|----------------|---------------------------------|-------------------------|
| Volume flow | m ³ /h | 1.000 – 20.000 | 20.000 – 2 Mio. | 1.000 – 50.000 |
| Pressure resistance | hPa | 50 | 50/80/150 | 50/80/150 ² |
| Range of temperature | °C | bis 120 | 80/140/200 | 80/140/200 ³ |
| Cleaning system | | jet pulse | jet pulse | jet pulse |
| Operating mode | | online | online / offline | online |
| Cleaning pressure | MPa | 0,1 – 0,6 | | |

² depending on application pressure resistant up to 1 MPa
³ depending on application up to 500 °C

Types of realization

- Mild steel
- Stainless steel
- ATEX (EC machine directive 94/9/EG)

After Sales

Service and maintenance for units of all suppliers and brands.
Accessories, spare and wear parts for units of all suppliers and brands.
Filter media for all applications.

