



**CFT industrial filters**

A clear commitment  
to the operating environment:  
**CFT industrial filters**

**CFT industrial filters literally “produce” perfect working conditions in many companies – and make sure emission rates are kept low for the good of the environment.**

Experts have put their experience, know-how and the power of innovation to good use developing cost-efficient and site-compatible de-dusting units. From mobile and semi-mobile units to complete systems – the name CFT stands for high-performance, one-stop solutions, which seek their equal: from project planning right through to disposal.



*De-dusting  
in a steel mill  
Alexandria/Egypt*



*Filter unit  
Stainless steel works  
Freital/Germany*

**A good clean job – for people and environment**

## CFT industrial filters



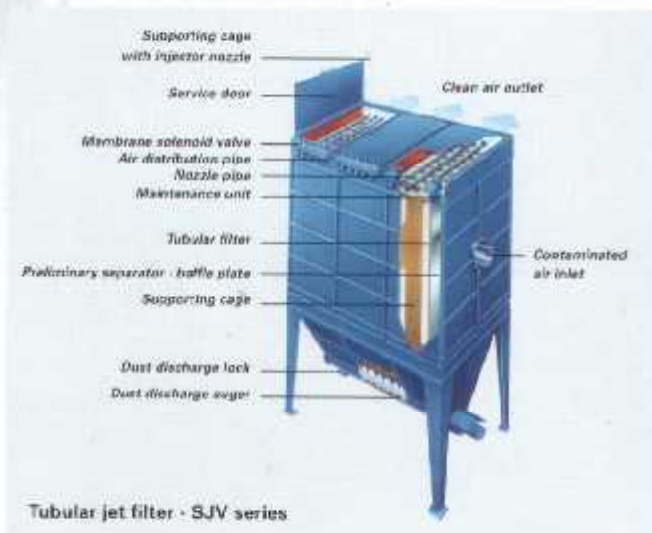
*Semi-mobile de-dusting units 120,000 m<sup>3</sup>/h*

**Tubular jet filters are de-dusting units which filter the air using a fully automatic compressed air impulse cleaning process.**

The filter material is made preferably of needle felt consisting of synthetic fibres such as polyester, polypropylene, poly acryl diirite and polyamida.

Gas temperatures of up to 270°C are permitted if fibre-glass needle felt is used.

Using additives (e.g. nitrate of lime) allows pollutants such as hydrogen chloride (HCl), hydrogen fluoride (HF) and sulphur dioxide (SO<sub>2</sub> / SO<sub>3</sub>) to be absorbed from the waste gas and separated off as solids in the tubular jet filter.



**Tubular jet filter - SJV series**

This technology can be applied to a wide range of industries: the steel industry, coking plants, companies processing metal, plastics, wood, gypsum and ceramic, cement and concrete plants as well as in the mining industry and tunnelling – all have trusted in the tried-and-proven CFT quality for many years.



*Sweeping machines in operation below ground*

All plants operate using the principle of fully-automatic compressed air impulse cleaning.

Equipped with tubular, bag or compact filter elements from renowned manufacturers, they all meet the stringent requirements of the TA Luft (the German Clean Air Code).

CFT compact jet filters, including the semi-mobile de-duster units, ensure perfect operating conditions directly at the work place.

The standard programme can be easily and flexibly adapted to meet individual requirements.

Air throughput can even more than exceed 500,000 m<sup>3</sup>/h – an impressive performance.

Each unit is mounted on welded or screwed sheet steel housing.

The range of units is supplemented by de-duster units for motorised sweeping machines for mobile deployment. A look on the inside reveals proven and reliable CFT dry filter engineering.



*Sweeping machine for low-emission operation throughout the year incorporating patented CFT dry filter engineering*