



# Absolent

## Highly effective filter equipment

– with economics and working environment in focus

*To meet future demands on working environment, flexibility and productivity in the engineering industry, Absolent AB has developed effective filter equipment that is now sold all over the world.*

*Absolent filters offer a high degree of separation, long service intervals of up to several years, and can run continuously 24 hours a day, seven days a week with a minimum of maintenance. The long life span of the filter enables customers to minimize production down time and other costs, such as filter replacement.*

*Personnel, machines and premises are purified of problematic oil smoke and oil mist. This is good both for the working environment and from a financial point of view.*

### Avesta Sheffield

Avesta Sheffield, Stainless Steel Producer in **Torshälla**, Sweden, has tried both bag-type filters and electrostatic filters for oil-smoke purification. High maintenance costs and poor cleaning capacity prompted the company to seek other solutions. A bag-type filter was installed on a belt-grinder, and the bag needed changing every three weeks, which was both costly and time-consuming. Working with Absolent, Avesta Sheffield conducted a meticulous analysis of the existing bag-filter, comparing it with Absolent's ODR-type oil-smoke filters. Avesta Sheffield has now replaced the bag-type filter with the Absolent type ODR 20 000 filter, which has been running for two years without requiring service or maintenance.

Facts	
<b>Torshälla</b>	
<b>Filter type:</b>	ODR 20 000
<b>Installed:</b>	December 1997
<b>Machine type:</b>	Belt-grinder
<b>Lubricant:</b>	Oil
<b>Service interval Filter 1:</b>	min 3 years, replaceable
<b>Service interval Filter 2:</b>	min 3 years, replaceable
<b>Hepa / absolute filter 3:</b>	min 3 years, replaceable
<b>Load:</b>	20-50 mg/m <sup>3</sup>
<b>Separation efficiency:</b>	99,97%



