

The company based in Willisau (Switzerland) employs approximately 480 employees and delivers 1.5 million parcels per year.

Their trading partners are the heart of their work. Through years of shopping experience at home and abroad, customers benefit from a broad and very current range of products.

Comptect has an experienced team with which they are able to serve customers quickly and flexibly.

# **THE CHALLENGE**

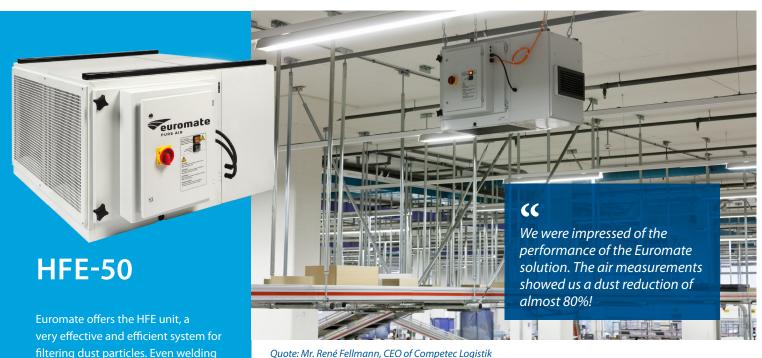
Competec has a huge warehouse with about 80.000 products form over a 1.000 manufactuers in stock. Due to all the activities carried out in this logistic center, they experienced a lot of complaints where it comes to dust. Airborne (micro) particles of dust are produced by, among others, cardboard boxes and rubber particles from transportation belts and truck wheels.

Competec gives a great deal about the health of their employees, a healthy work

environment is one of the conditions which they wish to offer their employees. Besides the health aspect a lot of dust settles on products and machinery. Customers don't want to receive dirty packagings and all together this raises the cleaning costs. Another topic was the malfunctioning of machinery due to high concentrations of dust.

Competec started looking for a suitable solution which would result in significant improvements for their employees and infrastructure. A solution which is in line with their philosophy. After consulting Euromate's valued distribor Aireau the project with air measurements was started up.





Quote: Mr. René Fellmann, CEO of Competec Logistik

# **Features of the HFE**

an integrated fan.

• Huge reduction in malfunctioning and in the cost of maintenance of machinery, as airborne micro particles are being removed.

fumes and oil mists cause no problem for this system. The HFE unit is built

around an electrostatic filter and has

- Reduction of dust and rubber particles, creating a pleasant and ealthy work environment (no more annoying 'black noses').
- Energy-saving; removing dust from the air by ventilation only leads to high cost of energy heating up fresh air conceived by ventilation units from outside replacing the polluted heated air inside. The HFE unit circulates the filtered, already heated air, levelling out the difference in temperature between floor and ceilina.
- The reusable and cleanable electrostatic filters were preferred to disposable filters, because of an environmental point of view and cost awareness.

#### THE SOLUTION

After our meeting with Euromate and distributor Aireau we started a thorough process in which the air and dust concentrations, without air cleaners, was measured. Then they installed the HFE air cleaners and again there was an air measurement.

We were impressed of the performance of the Euromate solution. We were able to reduce the dust level up to 80%. Mr. Fellman: "The health of employees is an important factor. We are happy with this solution because it is in line with our philosophy."

With this solution Competec reached significant improvements for the employees and the infrastructure:

- · More reliability and a higher quality for the employees in their working environment.
- Dust reduction in the air is more than 70%.
- High cleanliness and dustfree products, infrastructure and IT.
- Energy savings due to air flow concept.
- Savings due to less unexpected interruptions.



With our maintenance contract we can rest assure that the air cleaners do their work as they should so we all together work in a healthy environment.

## **PRODUCT FACTS**

## **Products**

- 4 x HFE-25
- 3 x HFE-50

#### **Application**

• Dust reduction in the warehouse of a online logistic company

## Maintenance

· 2 times per year



Euromate cares about the air you breathe. We offer products, systems and services which ensure clean air at work, anywhere in the world. We respect the environment and provide quality products. Our years of experience, expertise and customer focus enable us to provide the exact solution you need.