



EXCELLENT QUALITY IS IN THE AIR



CUSTOMER

Schenker
Deutschland AG



LOCATION

Langenhagen (DE),
Dortmund (DE)



SECTOR

Transport &
logistics



DUST
REDUCTION

87 %

En route to high standards

DB Schenker is the number one when it comes to the global exchange of merchandise in industry and commerce, and has 100 branches in Germany and more than 2,000 worldwide. And it's no coincidence that the logistics service provider has attained this leading position: the company attaches the utmost importance to ensuring high standards across all areas. This includes the creation of a healthy working environment, a first-class hall appearance, careful handling of the goods in their care, exceptional reliability and perfect cleanliness.

QUALITY MEANS SATISFYING THE REQUIREMENTS OF OUR CUSTOMERS, I.E. DELIVERING THE GOODS AT THE RIGHT TIME, TO THE RIGHT PLACE AND IN PERFECT CONDITION. CLEANLINESS AND PUNCTUALITY ARE THE TOP PRIORITIES.

Christian Schulz, Managing Director at Schenker Deutschland AG, Langenhagen/Hannover

Particles threaten quality and image

When the bar is set high, every single day is a challenge. Because dust particles make life difficult for logistics companies. Coarse and fine dust gets inside through open doors and windows or is created by work processes. If the air is then moved by employees walking around or forklifts in transit, the particles spread everywhere – in the halls and on the systems, goods and people. However, these layers of dust are much more than a cosmetic problem. They impair both product quality and the functionality of the equipment: dust on systems and controllers can lead to faults and therefore delays, putting delivery reliability at risk. Another aspect is the fact that dirty halls make a bad impression and damage the good reputation of any logistics service provider. And last but not least, high dust levels are detrimental to the health of the workforce. In order to keep all these risks more or less under control, intensive cleaning was required at DB Schenker.

IN THE PAST, TO ACHIEVE A GOOD APPEARANCE, WE HAD TO SWEEP GOODS THAT WERE WITH US AT THE TERMINAL OR IN THE WAREHOUSE FOR AN EXTENDED PERIOD. OUR EMPLOYEES ACTUALLY WENT OVER THEM WITH A BROOM.

Michael Rehbein, Managing Director at Schenker Deutschland AG, Dortmund

A never-ending task: the dust had hardly been removed before new particles were once again accumulating.

Wanted: an efficient solution to combat the dust particles

The managers at DB Schenker in Dortmund and Hanover recognised that something needed to be done. But how could the problem be solved? A colleague let them know about the industrial air cleaning systems from Zehnder Clean Air Solutions which had already passed the practical test at other DB Schenker locations. A good reason to put these systems under the microscope themselves.

Found: the patent that combats dust

The Zehnder experts presented the intelligent air cleaning systems to the managers. The secret of the technology is in the patented combination of two filters. The Flimmer filter uses mechanical and electrostatic charge to bind fine and coarse dust. The downstream Media filter traps the dust particles that have not yet been caught. This means that the air cleaning systems filter the dust directly at the source, before they can even contaminate goods and halls or be breathed in by employees and visitors. A further compelling argument is that the Zehnder solutions bolster the bank balance and provide support to the customer. A monthly fee guarantees service of the highest standard. Once the systems have been installed, everything runs automatically – from maintenance to filter replacement. The high level of



scalability offered by the solutions also won over the managers at Schenker.

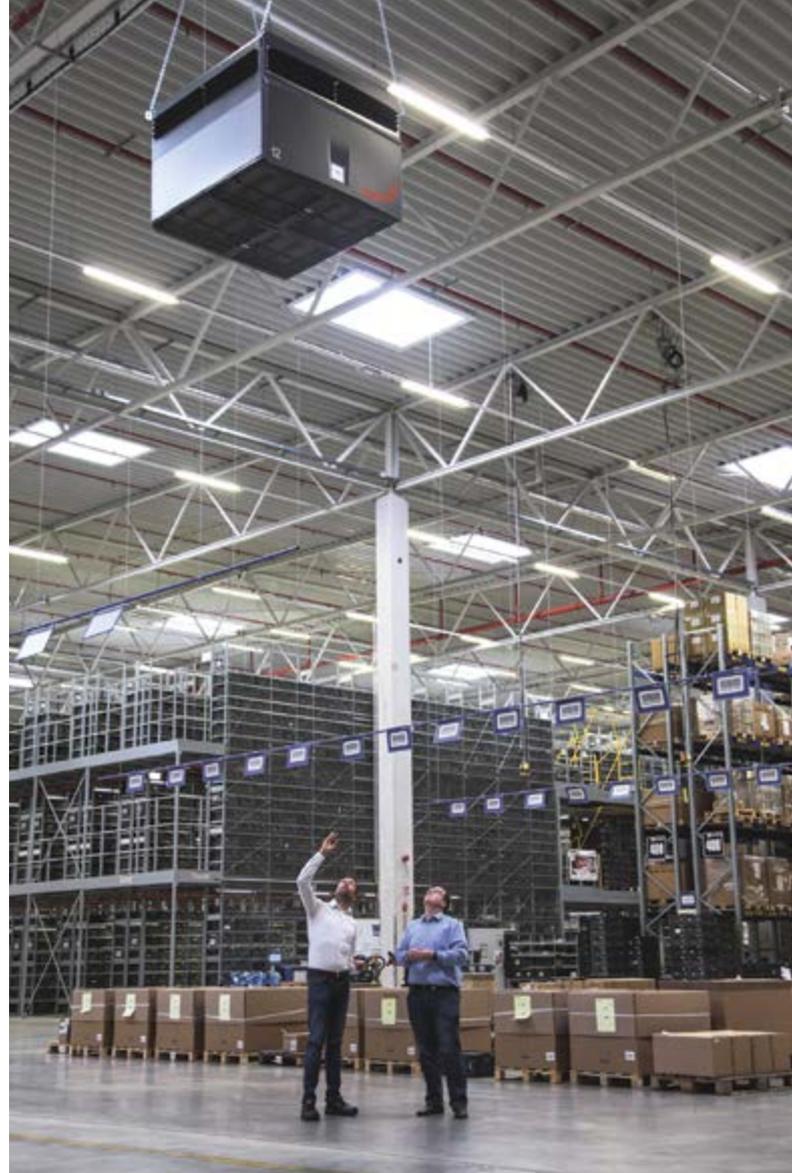
Clean halls, a pristine image and seamless cooperation

Industrial air cleaning systems from Zehnder Clean Air Solutions have now been installed at two further DB Schenker locations – in Dortmund and Langenhagen/Hanover.

I WAS IMPRESSED BY THE SEAMLESS COOPERATION AND ADHERENCE TO DEADLINES. WE WERE UNABLE TO INSTALL THE SYSTEMS WHILE THE HALL WAS IN USE BUT WERE TOLD STRAIGHT AWAY THAT IT WAS NO PROBLEM AT ALL TO PERFORM THE INSTALLATION AT A WEEKEND. THEY WENT INTO EVERY DETAIL OF OUR OPERATIONAL PROCESSES.

Martin Witt, Health and Safety Officer at Schenker Deutschland AG, Langenhagen/Hanover

The results speak for themselves. Depending on the location, a reduction in dust of up to 87% has been achieved. Halls and goods are cleaner than ever before – 24 hours a day. As well as improving the quality of the logistics services, this also ensures that the locations make the right impression. Cleaning and maintenance work is decreasing dramatically, easing the burden on the budget significantly. Downtimes and malfunctions caused by dusty systems and controllers are also a thing of the past. And the much healthier air benefits the employees.



WE WERE WON OVER BY ZEHNDER'S SERVICE MODEL BECAUSE IT IMPROVES OUR EMPLOYEE PROTECTION AS WELL AS THE QUALITY OF SERVICE - AND ALL WITH MORE SAFETY. I WOULD RECOMMEND THE MODEL TO ANYONE.

Christian Schulz, Managing Director at Schenker Deutschland AG, Langenhagen/Hanover

Summary:

With Zehnder Clean Air Solutions, DB Schenker is making a huge contribution to quality assurance and is creating the perfect basis for strengthening its market leadership and ensuring continued growth.

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CLEAR ARGUMENTS TO START GETTING CLEAN

Zehnder Clean Air Solutions supports logistics companies like DB Schenker to establish optimum working conditions for their employees and to strengthen their market position.

1 Better quality

Cleaner goods, higher standards, even better reliability and happier customers.



2

Reduced costs

Less effort for cleaning and maintenance, rate of returns cut.



3 Improved cleanliness

Fewer particles on appliances and systems, improved visual impression of the workplace, longer cleaning intervals.



4

Improved health

Less physical stress, reduced risk of illness, improved well-being.



5 More safety

Lower risk of slipping, improved vision, fewer controller failures, fewer equipment malfunctions.



6

Greater efficiency

Less downtime, less sick leave, less wear, longer maintenance intervals.

