

High Vacuum systems CASE STORIES

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*On better economy and working environment
using high vacuum extraction*

Österreichische Bundesbahnen (Austria)

Background and diagnosis:

"Österreichische Bundesbahnen" is the biggest company in passenger- and goods transfer with a number of local and regional production units in Austria. Production and service-work on trains and waggons is held in these units.

In January 1997, we had the first contact with the production unit in St. Pölten, responsible for manufacturing the interior for passenger waggons. A part of the work is the production of complete seats and the aluminium frame construction. One workplace in the plant is equipped with a stationary circular saw. Cutting different types of aluminium profiles in the right length, creates a huge quantity of metal chips in and around the machine.

The customers requirement was a system for material transport from the machine with possibilities for cleaning work after end of shift. A perfect job for the multifunctional Nederman High Vacuum Systems.

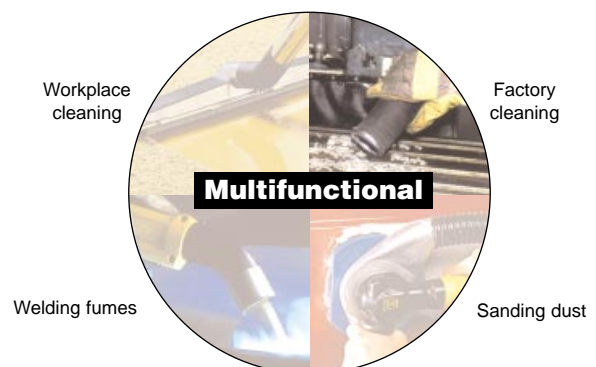


Prescription and treatment: We installed an E-PAK 500 and a semi-stationary pre-seperator GA 200 for larger metal waste and chips. For machine- and floor-cleaning a KV flap valve was set close to the machine. To avoid static electricity and reduce the explosion risk the tube system was ground wired. The circular saw is prepared for a connection to a tube system by two 100 mm outlets fitted to the saw-blade housing.



Results and comments: Three months after starting discussions with the customer we received the order for this project. Now the system has been running for more than two years and the installation has proved to be very effective and flexible. The staff is very satisfied with the function and pleased with the clean work place.

Would you like to know even more? Would you like to know about the technical solution in more detail? Please contact us and we'll tell you more!



This document is one in a series of case stories about high vacuum extraction. Would you like to read further examples of how we have been able to assist our customers? Please ask for a free subscription by contacting us at:

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