

## Case Story

### Problem:

Osterreichische Bundesbahnen is the largest company in passenger and goods transfer with a number of local and regional production units in Austria. Production and service work on trains and wagons is held in these units.

In January 1997, we were contacted by the production unit in St. Polten, responsible for manufacturing the interior for passenger wagons. A part of the work is the production of complete seats and the aluminum frame construction. One workspace in the plant is equipped with a stationary circular saw. Cutting different types of aluminum profiles in the right length, creates a huge quantity of metal chips in and around the machine.

The customer's requirement was a system for material transport from the machine with possibilities for cleaning up after each shift.



### Solution:

Nederman installed an E-PAK 500 and a semi-stationary pre-separator 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

### Result:

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.

