

# High Vacuum systems CASE STORIES

7

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

## Saginaw Delphi (Michigan, USA)



### Background and diagnosis:

Delphi Automotive Systems is a world leader in mobile electronics, transportation components and systems technology. Delphi's integrated systems and modules are designed to help simplify vehicle manufacturers' processes and meet the demands of today's high-tech vehicles.

Their rotor manufacturing site located in Saginaw, Michigan operates a semi-automated system that generates iron filaments. The iron filaments were collecting on the tracks and around the E-Mag Rotor Machining Cells.

After every shift the operators were cleaning the cells with a broom and a bucket and then dumping the filament into several chip containers. Delphi contacted Nederman to keep their cells clean and safe for operation.

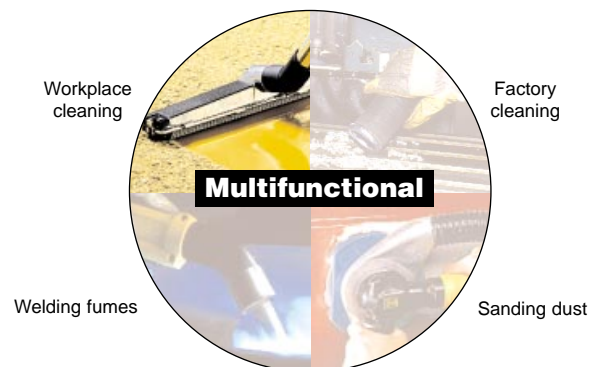
**Prescription and treatment:** 24 station Nederman High Vacuum System consisting of the following equipment:

- (3) E-Pak 500 in each E-Mag rotor machine cell
- (3) KSA 70 with automatic dumping into Delphi chip containers
- (2) sets of cleaning equipment per station



**Results and comments:** An efficient system that satisfies stringent Delphi manufacturing regulations and provides a safe cleaning solution for their cell operators. Cells are cleaned every shift in a matter of minutes.

**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:

**TEDAK AB**, Svista, SE-635 02 Eskilstuna, Sweden  
Tel: +46 16-160700 (Fax: +46 16-142627)