

Case Story

Problem:

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 manufacturer's 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 filament. The iron filament was 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.

Solution:

Nederman installed a 24 Station 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

Result:

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.

