

# Case study

## NOMEX - MIST GENERATED BY CNC MACHINE - MECACHROME



### APPLICATION:

A large portal CNC machine needed a mist and fume removal solution to meet the following criteria:

- Efficient suction
- Very light weight
- Easy to use / low maintenance

### SOLUTION:

LEV-CO provided a solution using two customized Nomex mist collector units, which were mounted on the mobile part of the CNC machine. The area affected by the generated mist and fume has been well defined, using light curtain and three tiny air-knives which directs the contaminated air to the mist collectors, in this way an efficient ultra-light and mobile (in unison with the CNC) solution has been developed.

### PRODUCT DESCRIPTION:

- 2 x Nomex 2000 Mist Collector (customized for optimal weight)
- 3 x Air-knives (one per each work-head of the CNC machine)
- 1 x Light curtain – installed on site to isolate contaminants

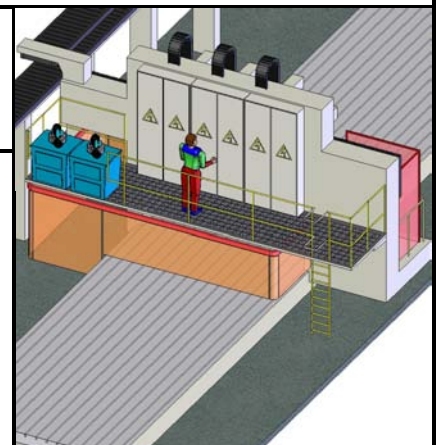
### INDUSTRY:

Aerospace manufacturer of high quality parts, systems and structural assemblies, focused on high precision technology.

### TESTIMONIAL:

"The solution provided by LEV-CO is outstanding because it creates a clean air environment for the CNC machine operator and even further to the surrounding employees.  
The mist and fume removal solution does not interfere at all with the machining process, and our employees are very satisfied by this light-weight and very efficient solution"

Sylvain Paquette  
Production Manager  
**MECACHROME**



NOMEX UNITS ON CNC MACHINE