



## **AMT MACHINE TOOLS LIMITED**

73 Galaxy Blvd., Units 16 & 17  
Rexdale, Ontario M9W 5T4

Tel: (416) 675-7760  
Fax: (416) 675-6988

## **THE BENEFITS OF CONTROLLING OILMIST AND SMOKE IN THE WORKPLACE.**

### **SAFETY**

**Reduced Health Risks:** Any form of pollution is potentially dangerous to the lungs, eyes and skin.

**Reduced Accident Risks:** Oilmist creates slippery surfaces, which increase accident rates.

**Reduced Fire Hazards:** Oil deposits on machines and walls create a serious fire risk by allowing fires to spread quickly

### **COST SAVINGS**

**Coolant Cost Savings:** Oilmist is recycled and returned to the machine instead of vented into the atmosphere.

**Heating Cost Savings:** Filtermist returns clean air to the factory so that natural ventilation (opening windows and doors) is not necessary.

**Cleaning and Maintenance Cost Savings:** The reduction of oilmist in the factory results in less oil deposits on work surfaces which now need less cleaning.

**Reduction in scrap rates:** The Filtermist reduces the temperature in the cabinet by approximately 10 degrees (Celsius), this ensures cooling of the work pieces, which in turn is an advantage on more complicated machining operations, as this reduces scrap rates

### **INCREASED PRODUCTIVITY**

**Improved Employee Attendance:** A polluted factory environment causes higher employee sick rates and a lower morale and less motivated workforce.

**Less Machine Downtime:** Oilmist enters electrical control panels, causing faults.

**Higher Speeds and feeds:** Higher machining speeds create larger amounts of oilmist, efficient elimination of oilmist overcomes this obstacle

**Better lighting:** Oilmist builds on lighting depriving the employees of sufficient light, which creates a winter-blues atmosphere.  
Bright, well lighted factories improve employee morale and performance



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### **LEGAL ISSUES**

**Fewer Workmen's Compensation claims:** The compensation a company is forced to pay an employee as a result of injury or ill health through factory pollution, can cost more than an air cleaning system for the entire factory.

**International Regulations:** Health and safety regulations in most countries enforce limits on airborne oilmist of 5mg/cubic metre and this requirement is expected to become even stricter in the future. Some large multinational companies already have stricter regulations regarding oilmist of 1mg/cubic metre.

### **MORAL CONCERNS- YOU OWE IT TO YOUR EMPLOYEES**

The dark days of diehard penny pinching capitalism are well behind us and we fortunately live in a time were employees also have rights. Employees deserve a workplace that is as hazard free as the employer can make it.

It is hard to imagine an accountant or company director working on a computer that pours out smoke and oilmist all day.