

Welding Smoke

Growing Manufacturer eliminates problem of weld smoke in new building!

The Problem

A growing manufacturer of hitches and other towing and trailer components. When moving the weld department into their new state of the art facility in Streetsboro, Ohio, they wanted to make sure that they maintained the cleanest, healthiest environment for their employees.

The Solution

The manufacturer invited Victory 2/Dynacom, Inc. in to review the situation and to recommend a solution. It was determined that a dry smoke was generated at the weld and an oily smoke was created as the part cooled in the parts bin. Two technologies were used to economically filter the contaminants from the air. A Scientific Dust Collectors reverse pulse cartridge style dust collector was used to capture and filter the smoke at the booths. The SmokeMaster unducted F62B electronic air cleaners with canopy hoods are mounted directly over the top of the parts bin to capture the oil smoke.



"The systems have performed above and beyond our expectations!"

Jim Z. Plant Manager

The Result

Per Jim Z., Plant Manager, the system is doing an outstanding job. The centralized dust collection system pulls the smoke away from the welders breathing area & out the back of the booth while the unducted units eliminate the haze in the building from the smoldering parts.

The plant has remained clean and the welders have a safe, healthy environment to work in.

"Our complete shop environment has improved tremendously!"

Jim Z.