

## Cold Heading

**Focus:**

Cold heading application, customer focused on two headers with three pickup points: die pocket (the primary source of smoke), parts transfer conveyor, and the parts bin.

**Challenge:**

The two headers Parker was challenged to tackle were their two worst smokers. Ensuring clean air for employees and reducing exposure to hazardous mists, fumes, and smoke is critical.

**Solution:**

ESP technology was the right technology for this application and met the customer operations goals.

**Impact:**

Smoke, haze, and mist are cleared from the air in this facility. The customer is no longer dealing with the grime previously covering the manufacturing floor and making the environment dangerous for employees. The customer plans to add additional SmogHog units to the remaining CNC machines in their plant.



**Project Name:** Primary Manufacturer of Cold Formed Parts and Special Screw Machine Parts  
**Locations:** Midwestern region of the USA

### Summary

A leading manufacturer of cold formed, CNC, and screw machine parts.

### Challenge

Cold heading machines were emitting smoke and fume into the air and creating a negative work environment for employees and a maintenance issue with residue on the plant floor.

### Solution

The customer purchased two additional SmogHog SGN 22-2 models. Each SGN was placed over a cold heading machine. Smoke, haze, or mist are cleared from the air and no longer lingering on the manufacturing floor.

During the installation, our representative learned that the parts being made on the two cold headers that we were installing the SmogHogs on were parts being made for Parker Hannifin.

### Impact

The customer is pleased with the performance of the SmogHogs and has decided to invest in additional units to sit above several other cold header machines. Removal of airborne pollutants from industrial environments will extend machine life and improve part and product quality. The customer knows that with SmogHog you get the most effective removal of mist and smoke in the metalworking industry.