

Filter-1 - Dustron Environmental Booth



APPLICATION: Deburring & Grinding Steel - Cabinet Enclosures
Ferrous Metals

TARGET MARKET: Metal Working, Grinding, Deburring, Buffing, Polishing, Drilling

PROCESS DESCRIPTION: This involves the deburring of steel parts before welding or grinding of steel parts after they have been welded.

SOLUTION: Due to size of parts customer works with on a regular basis, they chose a Dustron, Environmental Booth. Dust collector sits on the shop floor at the rear of the booth, pulling the air into the cartridges. A portion (adjustable) of the cleaned air is brought overhead to a distribution plenum at the front of the booth and pushes the air towards the back where the cartridge intake is located. The push/pull method of air cleaning out performs other systems that just suck the air into the collector.

Numerous test have been conducted on the Filter-1 Dustron, with regards to meeting threshold limit values on many different contaminants. In every case, the Dustron has met or exceeded the customer's requirements.

