



AMS
AIR MASTER SYSTEMS



Quality Laboratory Furniture,
Fume Hoods, & Casework

Standards You Deserve



We are a Midwest based company out of Muskegon, Michigan that takes great pride in being innovators in our industry.

Our attention to detail is the hallmark of our product development and manufacturing processes. We are proud to deliver products that consistently exceed industry standards. See why so many customers in the industry keep coming back to AMS to manufacture their laboratory furniture and fume hoods.



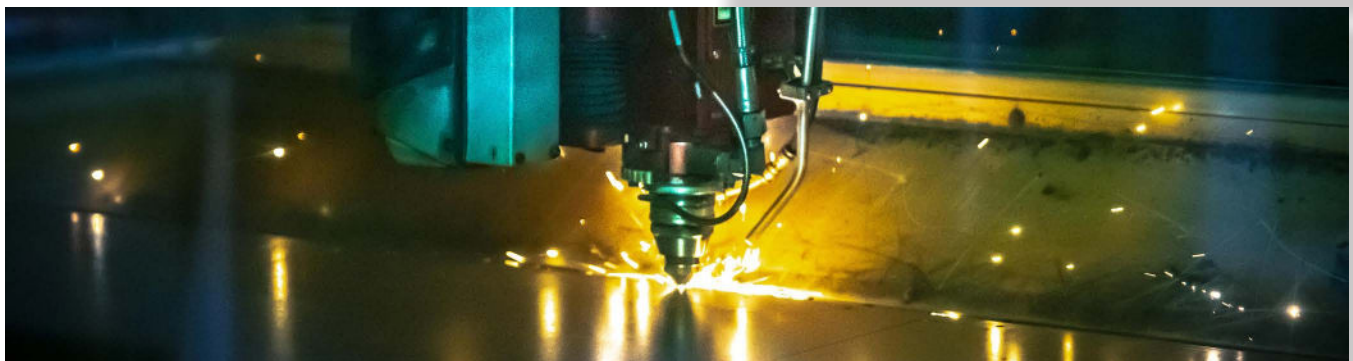
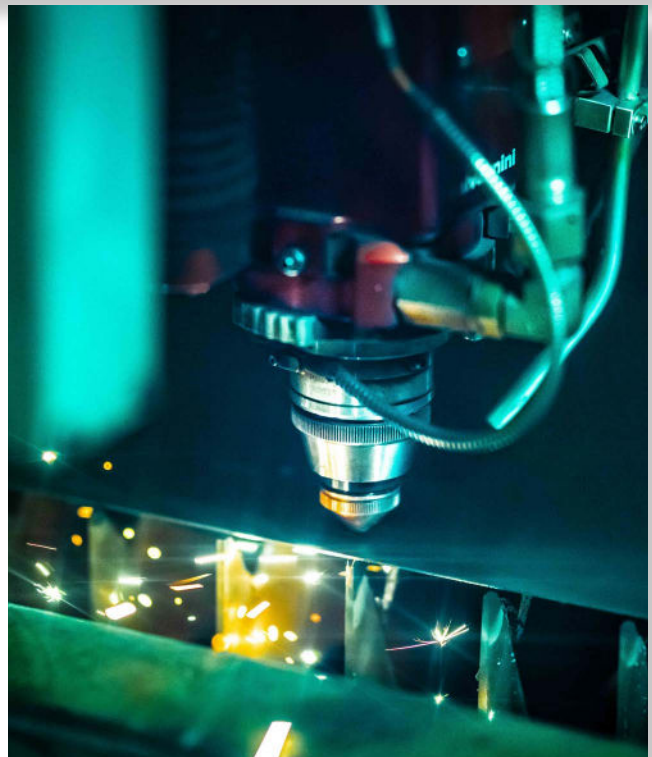


Laser Cutting Efficiency & Recycling



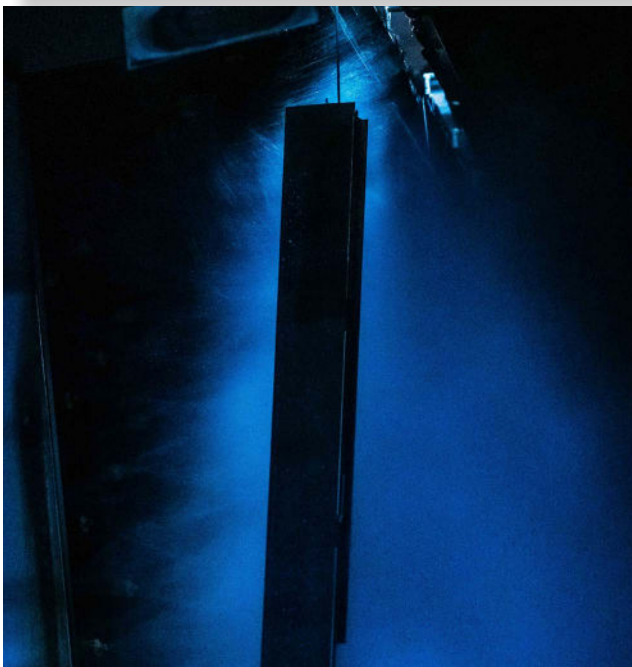
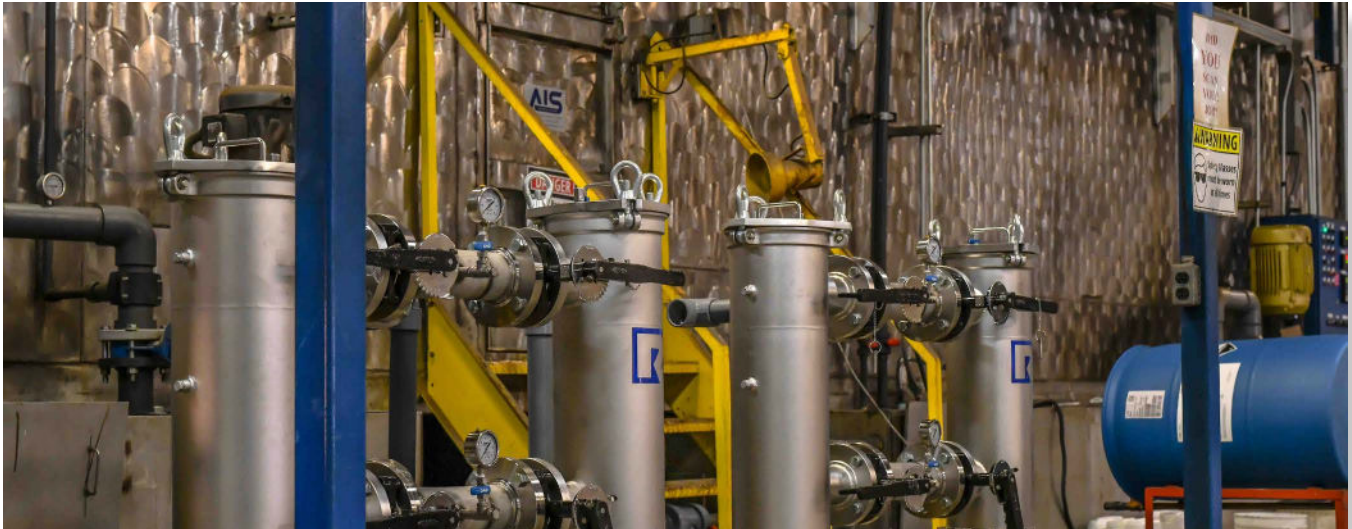
The Salvagnini L3 Laser cuts steel at 2362 inches/minute both accurately and efficiently. With pinpoint accuracy, AMS goes to great length to limit the amount of excess waste on each sheet of steel being cut. We cut extremely close to the edges to obtain the minimum amount of waste possible. All excess steel is then sent back to our manufacturer for recycling. All of our steel is manufactured in the United States which also reduces transportation emissions.

We recycle on average 780,000 lbs. of steel each year that is then turned back into reusable steel for another project. Our engineers figure out the best ways to maximize each piece of steel to have as little waste as possible.





Water Recycling Wash Station



Air Master Systems has a self-contained wash tank system that is prior to parts being painted. This system has three separate pumps and tanks, which is separated in two steps. The first step is a chemical cleaner step to wash oils and impurities from the steel. The second step is to rinse the clean steel to assure all impurities are removed.

The water in the wash is taken by a third party once a year for treatment and disposal of the oils/impurities. The rinse tank is sent to a special boiler in our plant that burns off the impurities by boiling the water so it is ready for re-use.

The Recycle Factor of saved water by re-using:

Pump 1	637 Gallons per Minute
Chemical Wash:	16,511,040 Million Gallons per year
Pump 2 & 3	490 Gallons per Minute
Rinse:	12,700,800 Million Gallons per year

Fume Hood parts being cleaned in final stage of the wash tank.



Powder Coat Recycling



Our state-of-the-art powder coating line is not only fast, but extremely environmentally friendly. This high-tech paint line filters and reclaims up to 87% of the powder used with near 100% being captured. We send 13%, which is considered not usable by our standards, to another company in Michigan that takes the powder and recycles it into new and reusable powder for other companies.

Shown to the right is the filter system for the reclaimed powder. This sends the clean reclaimed powder back into the system.



Shown to the right is the red light curtains that measure each part. This communicates with the computers to only spray as much powder that is needed for the specific part passing through.



AMS Products



Solution Hood



Eliminator Hood



Green Solution Hood



Spray Booth



Titan Core System



Gemini System



Titan Work Bench



Lockers



Base Cabinets



Tall Cabinets



Mobile Cabinets



Wall Cabinets

Contact Us

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