

## POWDER COATING

Powder coating is applied via an automated, overhead conveyor system. Parts are hung on an overhead motorized conveyor line and automatically processed through wash, dry, powder application and cure. Our 3-stage iron phosphate pretreatment bath ensures that your parts are clean and ready for the powder application. Maximum size is 30" wide x 72" tall x 108" long. We stock many colors from which to choose. Catalog colors, custom colors and custom packaging are available upon request



## ASSEMBLY

All other typical Fabrication operations  
From Small Bracketry to Large Assemblies

## ABOUT COMPANY

P&A continues to pioneer in metal fabrication throughput and quality using new technologies in robotics and high-speed automation.

Lean on our broad experience of 45 years in manufacturing for design assistance in lowering your cost and improving product quality!

P&A can support single part bracketry to large complex assemblies. Our production flexibility far exceeds industry standards.



## P&A Metal Fab. Inc

13009 SE Jennifer St Suite 101

Clackamas, OR 97015

[www.pametal.com](http://www.pametal.com)

Phone: 503.655.2389

Contact:

[sales@pametal.com](mailto:sales@pametal.com)

Phone: 503.655.2389



## TURNKEY MANUFACTURING SOLUTIONS

MANUFACTURING BRILLIANCE  
THROUGH INNOVATION

ALL INCLUSIVE QUALITY  
MANUFACTURING

[www.pametal.com](http://www.pametal.com)



High/Low  
Low Volume  
Manufacturing

85K sq ft of  
Manufacturing  
Space

Start to Finish  
Inhouse  
Manufacturing

80+  
Employees

1979  
Established

American  
Owned

## SERVICES

P&A offers a wide range of services including cutting, forming, welding, powder coating & assembly. All of these are in-house allowing us to complete your project from start to finish entirely within our control.

## LASER

P&A offers laser cutting services for both flat sheets & tubes. From our new 4KW Prima Power LPe6f Fiber Laser / Punch to a pair of 2.5 KW BLM LT-712 CO2 tube lasers, we can handle a wide variety of parts. Networked line controllers deliver fast accurate CNC code directly to the machine tool. Powerful programming systems automatically nest parts of the same material to achieve the best material utilization for the job.

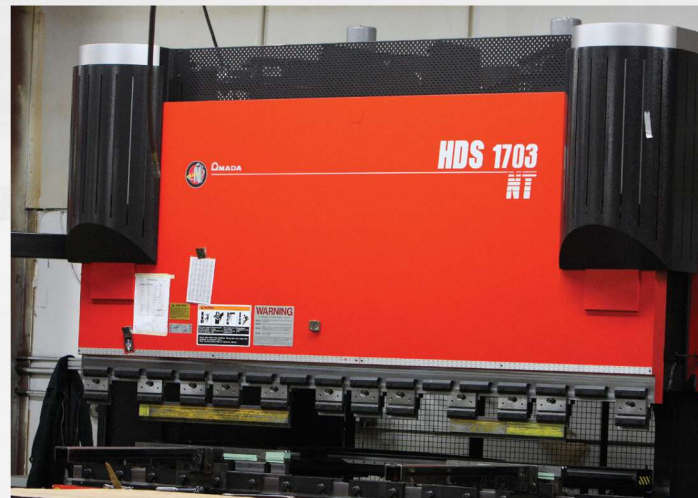
## TUBE

Need a tube cut, bent, rolled or punched? Our tube division features many different capabilities that enable us to fabricate tubes to just about any shape. We offer CNC tube laser cutting, rolling and bending. We can even laser cut holes/features using our BLM Tube Laser prior to bending, saving post bend processing requirements. Our Optima Laser Vision tube inspection system accurately scans bent tubes and provides feedback electronically to the bender. This reduces setup time, saving you money while providing extremely accurate parts.

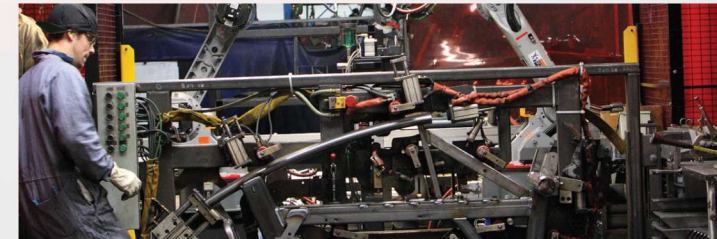


## FABRICATION

Our fabrication division features many different processes including turret punching, rolling, deburring, hardware insertion and forming. Our machine tools are CNC controlled for reliability and accuracy and include (4) Amada HDS press brakes for quick set-up and accurate repeatability. Hardware insertion is a snap with auto-feed tooling for those larger jobs.



## WELDING



Our weld shop offers both MIG and TIG welding services. Our expert craftsmen are experienced in not only welding your products to exacting standards, but also providing the necessary finish work to compliment the job. We utilize both Motoman and FANUC robotic welders for medium to large production jobs. Bluco precision modular welding tables make setting up jobs quick and easy. We can even handle larger products with our twin one ton overhead cranes. Materials processed are primarily carbon steel, stainless steel and aluminum. If you have welding requirements, consider giving our craftsmen a chance to show you their expertise and quality.