

Made in the U.S.A. Since 1959

# You Dream It ~&~ We Will Build It



Until recently, S&W has reserved their manufacturing technology, production equipment and fabrication services for their own custom built race cars and drag racing chassis components. Now, they have opened their doors to you and your company.

The S&W Performance Group has been a USA Manufacturer, since 1959. Their Precision Specialties Division specializes in both short run and large scale projects. S&W offers in-house engineering support or full design services. They also offer an array of capabilities to meet their customers' prototyping, fabricating and machining needs. Featuring: Water Jet Services, CNC Milling and Turning, CNC Tube Processing, Shearing, Laser Cutting and Welding.

S&W's 27,000sq.ft. Pennsylvania facility serves customers around the globe. Their broad customer base includes everything from Exhibit Fixture Design Firms to Military/Defense companies. Their goals are to help their customers save money, time and improve productivity.



**S&W Precision Specialties will provide competitive pricing, exceptional results and outstanding customer service.**

~The S&W Team

## ○ ABRASIVE WATERJET CUTTING

Twin In-House, Ultra High Pressure Water Jet Cutters by Flow International

- Capable of cutting up to 6 Ft.x 12 Ft. Work Pieces up to 6" Th. for most materials.
- We can cut a large array of materials including: Steel, Armor Plate, Aluminum, Plastics, Rubber, Glass, Lexan, Ceramic, Marble, Granite, Brass, Copper, Carbon Fiber, Wood, Glass, Inconel, Monel, Hastelloy and more.
- .010" Tolerance in 12Ft. work envelope • NO heat affected zone!! Burr FREE finish
- Accepts .DXF, .IGS, .DXB, .MNS, .VGR, and DCZ drawing formats.

**If you can draw it - we can cut it!** Can't draw?...Send us a sketch and our Engineering Department will draw it for you.

## ○ PRESS BRAKE FORMING

10' x 100 ton Accupress press brake with CNC back gauge.

## ○ HAAS TL-15 TURNING CENTER

The Haas TL-15 turning center is a dual-spindle CNC lathe built on the very popular Haas SL-20 foundation. Double-end part capability, a max capacity of 8.2" x 17.5" and a bar capacity of 2.0" (main spindle) make this twin-spindle turning center a high-production machine. The TL-15 also boasts a hybrid tool turret (6 VDI 40 and 6 bolt-on tools) and the ability to add options like live tooling and full C-axis capabilities to the main spindle for smooth, reliable operation.

## ○ TUBE BENDING

Tube O.D. x Centerline Radius

- Hossfeld 3/4" x 3", 7/8" x 2", 7/8" x 4", 7/8" x 6", 1" x 2-1/2", 1" x 4", 1-1/4" x 3", 1-1/4" x 4", 1-3/8" x 7", 1-1/2" x 5", 1-1/2" x 7-1/2", 1-5/8" x 6", 1-3/4" x 6", 2-1/2" x 6" and 2" x 3" rectangular x 6".
- Mandrel Tube Bending - Tube O.D. x Centerline Radius
- Pines 1-1/2" x 5", 1-5/8" x 6", 1-3/4" x 6", 2-1/2" x 6", 2" x 3" rectangular x 6"

## ○ FINISHING

Viking vibratory tumbler, Surfox weld cleaning system, Dynafiles, Dynablade inline sander, Walter variable speed inline sander

## ○ HIGH SPEED PLASMA TUBE PROCESSING CENTER

Tube sizes 5/8" diameter to 2" diameter .049" wall to .500" wall 24' maximum length. Flat cuts at any angle. Coped cuts at any angle.



## ○ LASER CUTTING, ETCHING & ENGRAVING

Flat and Tubular

## ○ SHEARING & CUTOFF

Niagara 6' x 10 gage, Niagara 3' x 7 gage, Brobo cold saw, Abrasive saws, Vertical Band Saw.

## ○ FADAL VMC 15XT

Vertical Machining Center

- X-Axis travel - 30" • 38" x 16" Table
- Y-Axis travel - 16" • Spindle speed 7500rpm
- Z-Axis travel - 20" • ATC capacity 21 position carousel

## ○ METORA Automatic Cold Saw

11" Round or 10" x 10" Square Capacity

## ○ FULL SERVICE MANUFACTURING FACILITY



Located in Spring City, PA. U.S.A.

ON-Site Capabilities include and are not limited to:

- WaterJet Cutting
- CNC Turning
- Fabricating
- Custom Tube Bending
- Prototypes
- Private Label Parts.

## ○ WELDING & FABRICATION

• TIG / PULSE TIG • MIG / PULSE MIG • SPRAY ARC

## ○ ENGINEERING DESIGN & LAYOUT

Draftsight & CREO Pro-E Workstations, "A" to "E" size plotting, Raster to Vector software & Part scanning.

## ○ PRODUCTION

Large & Short Run Production / Prototypes Samples First Article Inspection

## ○ SPECIALTY AWARDS

Your next Banquet or Special Event will be more Memorable with Precision WaterJet Cut Awards.

## ○ BRANDING & IDENTIFICATION

Equipment and Product Identification that will last!

## ○ INTERIOR & EXTERIOR

Exhibit / Architectural / Signage / Decorative Tile Entertainment Industry Set & Stage Props. Military & Transportation Restoration.

