

SOUTHERN FIELD WELDING
MACHINING TECHNOLOGIES



Your single source supplier of precision machined parts and components using the finest equipment, state of the art technology, and an unparalleled commitment to excellence.



238 WEST 35 SOUTH
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PHONE 208.677.2222 FAX 208.677.4444

WWW.SOUTHERNFIELDWELDING.COM

WE MANUFACTURE CUSTOM PRODUCTS TO YOUR SPECIFICATIONS OUT OF VARIOUS TYPES OF STEEL, PLASTIC, ALUMINUM, BRASS, AND BRONZE.

OUR ADVANCED SOFTWARE, EXPERIENCED ENGINEERING STAFF, AND MACHINING CAPABILITIES ENSURE CRITICAL DIMENSION SPECIFICATIONS ON COMPLEX DESIGNS ARE MET IN A TIMELY MANNER TO MEET PROJECT DEADLINES IN THE MOST COST EFFECTIVE MANNER POSSIBLE.

Industries Served

- ***Aerospace***
- ***Agricultural***
- ***Food Processing and Handling***
- ***Industrial Machinery and Equipment***
- ***Medical***
- ***Processing, Sizing, and Packaging Components***
- ***Prototyping***



MACHINING CAPABILITIES

CNC VERTICAL MACHINING CENTER

TABLE SIZE: 20IN. X 50IN. HEIGHT: 25IN.

CNC VERTICAL MACHINING CENTER

TABLE SIZE: 20IN. X 40IN. HEIGHT: 20IN.

CNC TOOLROOM LATHE

10IN. SWING TURNING LENGTH: 4 FT

CNC PLASMA WITH 5FT X 10FT TABLE

*** PATTERN TRACING CAPABILITIES**

**PLASMA CUTTING UP TO 1IN. THICKNESS
FOR ANY METAL. FLAME CUTTING UP
TO 7IN. THICKNESS FOR BLACK IRON**

HWACHEON LATHE

18IN. SWING TURNING LENGTH: 59IN.

SUMMIT LATHE

24IN. SWING TURNING LENGTH: 80IN.

KINGSTON LATHE

32IN. SWING TURNING LENGTH: 16FT

SHARPE VERTICAL MANUAL MILL

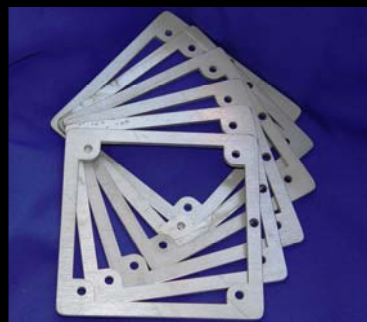
9IN. X 42IN. TRAVEL

SHARPE VERTICAL MANUAL MILL

9IN. X 42IN. TRAVEL

EUROMAC DIGIBEND 360

36 METRIC TON HORIZONTAL BENDER



Water Jet Machining Services

Omax 80160 JetMachining Center

Work Envelope 6 ft x 14 ft



PHOTO PROVIDED COURTESY OF OMAX

Abrasive Water Jet Benefits -

- Leaves behind a satin smooth edge which reduces secondary operations
- Machines a wide range of materials and thicknesses
- Does not create heat-affected zones or mechanical stresses
- Rapid set-up, no tool changes are required
- Minimal Fixturing required
- No noxious gases, liquids, or oils are used in (or caused by) the machining process
- Completes most work quieter than 80 dBA for submerged cutting



PHOTO PROVIDED COURTESY OF OMAX

Food Processing Services

We manufacture food-processing cutlery, alignment systems, and knife blocks for the following applications:

- *French Fry Cuts*
- *Crinkle Cuts*
- *Wedge Cuts*
- *Custom Cuts*
- *Coring*
- *Halving*
- *Slicing*
- *Dicing*

We use only the highest quality materials to manufacture our equipment to ensure a smooth, precision cut to your specifications. We offer blade & wheel sharpening as well as wheel recoating services.



Shipping Services

We will coordinate the handling and shipping of your products from our facility in the timeliest manner possible. Most products will ship the same day that the order is complete. We provide next day, 2nd day, and ground services using UPS and Fed Ex Shipping Services.

Submitting Your Drawings

We engineer our parts using Solidworks Virtual Gibbs which imports to our cam system.

We accept the following formats: dxf, .dwg, .iges, and Solidworks.



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