



MAUDLIN PRODUCTS

Manufactured by Maudlin & Son Mfg. Co., Inc.

The Maudlin Advantage:



custom shims



laser cutting



wire-EDM



spring



stamping



water-jet



CUSTOM JOB SHOP

Maudlin & Son Mfg. Co., Inc. 1929 Hwy 146, Kemah, TX 77565

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ISO 9001:2008 Certified Visit us on the web at www.maudlinproducts.com



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PRODUCTS

CUSTOM JOB SHOP

ISO 9001:2008 CERTIFIED COMPANY

Maudlin & Son Manufacturing Company was built on three unwavering commitments-

A commitment to craftsmanship, quality, and meeting the most demanding industrial requirements. Located in a 40,000 square foot plant, Maudlin offers a state-of-the-art custom job shop. Other manufacturing companies can take weeks, even months, to deliver on your vital industrial products. Not so with Maudlin. We offer 24-hour turnaround on all stock items and our experienced personnel will do everything in their power to ensure your needs are fully met. In an environment where speed and thousandths of an inch matter, you would accept nothing less. Neither do we.

Dedicated to family. Driven by excellence.

Maudlin is family-owned and has served the Houston area since 1938. Our ownership and management consist of third and fourth generation family members, and many of our employees have been with our company for over twenty years. That means you work with true industry experts who completely understand your environment. More importantly, it means you're empowered by a friendly, knowledgeable staff who can tackle your most demanding challenges-on time, every time. You can rely on the pride and experience of Maudlin.

- **Custom Shims**
- **Laser Cutting**
- **Wire EDM Cutting**
- **Metal Stamping**
- **Water-jet Cutting**



+ Advantage: MAUDLIN

Compare our precision, pride, experience, and unyielding commitment to customer service excellence and you'll find the choice is obvious...



Our Custom Job Shop was built on one simple premise-that standard sizes do not fit all. We offer fast and affordable turnaround to meet all of your distinct rotating equipment needs. When it comes to selection and quality, Maudlin is the answer.

Standard Material specifications include:

We offer:

Quotes processed in 24-48 hours

3-5 day turnaround on most jobs

Precision thickness tolerances

Expedite your order for same day service

Precision manufactured per your requirements

TYPE	MATERIAL	THICKNESS RANGE	WIDTH
302 Full Hard	Stainless Steel	.001 - .012	24"
304 Full Hard	Stainless Steel	.015 - .031	24"
304 Annealed	Stainless Steel	.036 - .125	48"
1008/1010 Full Hard	Steel	.001 - .031	24"
1008/1010 Full Hard	Steel	.036 - .125	48"
C260 1/2 Hard	Brass	.001 - .031	12"
C260 1/2 Hard	Brass	.036 - .125	36"
Polyester Film	Plastic	.001 - .020	24"
Polyester Film	Polypropylene	.025 - .060	24"
316 Annealed	Stainless Steel	.001 - .031	24"
316 Annealed	Stainless Steel	.036 - .125	48"

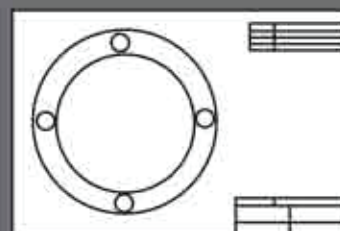


Contact one of our experienced sales professionals for your quote today. Just supply us with a print, sample, or dimensions!

sample



print/dwg or pdf file



If you are looking for high quality laser cut parts look no further. With over 65 years of manufacturing experience, Maudlin is unparalleled in providing affordable, high quality custom products. Our commitment to one of the fastest turnaround times in the industry ensures that your schedules will be met.



The Salvagnini machine has set a standard in industrial laser cutting by offering high speed sheet metal processing with top of the line cut quality, while also supplying the highest level of productivity per kilowatt in the industry. The L1 is designed to take complete advantage of the intensified cutting speeds resulting in a collaboration of:

FEATURES

- 5' X 10' CUTTING SURFACE
- AUTOMATED SHEET LOADER
- ROBOTIC SCRAP & PART UNLOADER
- EFFICIENT NESTING PATTERNS
- CUTS .020" - .500" UP TO 1,000ipm

BENEFITS

- FOR MAX VERSATILITY
- FOR HIGH PRODUCTION
- REDUCES DOWN TIME
- MAXIMIZES MATERIAL
- REDUCES COST

- Speed
- Flexibility
- Efficiency
- Accuracy



Manufacturing flexibility gives us the ability to switch from producing one quality part to another quickly and efficiently. The L1 loads blanks, cuts complex shapes, unloads finished products and destroys skeletons all with complete automation.



Serving America's leading manufacturers for well over half a century, Maudlin is thoroughly experienced in the wide range of applications for Wire EDM—including tool and die cutting, labyrinth rings, flex elements, orifice plates, turbine wheels, feelers/feeler calipers, button sleeves metallurgical testing, keyways, washers, bushings, retainer rings, stator rings, and armature rings.

<u>Machine</u>	<u>Max Travel</u>	<u>Table Size</u>
ROBOFIL 510	X 27.55" Y 15.75" Z 15.75"	X 45.0" Y 28.0" Z 15.75"
ROBOFIL 290	X 15.75" Y 10.0" Z 8.0"	X 28.0" Y 20.0" Z 8.0"
BROTHER 56	X 16.140" Y 10.230" Z 6.7"	X 26.0" Y 15.0" Z 6.7"
BROTHER 60	X 16.140" Y 10.230" Z 6.7"	X 26.0" Y 15.0" Z 6.7"
CUT 400	X 31.5" Y 22.0" Z 20.0"	X 59.0" Y 31.0" Z 20.0"
CUT 200	X 13.8" Y 8.66" Z 8.66"	X 38.0" Y 20.0" Z 8.66"
HOLE POP 50	X 11.811" Y 7.874" Z 11.811"	X 15.748" Y 11.811" Z 11.811"



Maudlin utilizes the latest version of MASTERCAM, as well as solid model capabilities



Maudlin excels at manufacturing high quality tooling for production and short run parts with close tolerance on intricate, symmetrical, or irregular parts. We also offer secondary forming operations that can be included on progressive dies or after the blanking of the parts.



Advantage: **MAUDLIN**

Full-service tool & die manufacturing capabilities, including wire EDM, machining (mills/lathes), grinding, and heat treating

Valuable processes like bending, shearing, drilling, welding/jigs, assemblies tapping, reaming, grinding, and fixtures

Quick turnaround on most stamping jobs

High quality stamping that meets or exceeds industry standards

Our equipment capabilities include:

Blanking
Forming
Notching
Piercing
Progressive Dies

Maudlin Cantilevered U & V Spring

Elgiloy & SS301 spring in stock

Cut to length and weld diameters

Custom spring per your specifications

25 ft min for stock sizes



With a 100-ton punch press capacity, a 40,000 square ft. plant, and over 50 pieces of state-of-the-art production equipment-no stamping job is too large for Maudlin.



Maudlin & Son offers the very latest in water jet cutting technology. Our 5 axis Mach 4 system provides the tightest water jet cutting tolerances available. This is made possible by Dynamic cutting technology. Combined with HyperPressure technology we can virtually eliminate stream lag and taper. Dynamic cutting heads and HyperPressure Technology also reduces cycle times, consumes less abrasive, and saves you money.



With our Dynamic Water jet XD technology from Flow we can cut 2-4 times faster than conventional water jet cutting. The XD head allows for advanced beveling up to 60 degrees for added versatility and easy cutting of complex parts in 3D. Dynamic Water jet is able to cut a maximum speed with out sacrificing cut quality. This is made possible with advanced SmartStream Technology. SmartStream technology is a series of mathematical models that automatically tilt the water cutting head to the side as needed in order to eliminate taper. Saving our customer valuable time and money.



HyperPressure Technology delivers significant productivity gains over traditional ultrahigh-pressure systems. HyperPressure powered water jets can cut up to 30-50% faster than traditional water jet pumps. This is made possible because the HyperPressure pump can deliver continuous 87,000psi, nearly 45% more pressure than traditional water jet technology. As pressure goes up stream velocity increases, delivering greater cutting power density. Increasing water pressure means the stream is moving faster and reduces in diameter, resulting in 30-50% less abrasive being used. Although less abrasive is entering into the stream, each particle is now carrying more momentum and cutting power.





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