



## Capabilities

When quality, economy and service are not enough... When only CREATIVITY AND DETERMINATION will make the difference... Our Imagination teams up with our Technical Excellence to meet your challenge to W. Haut Specialty Company. From production to short runs or unique prototypes, we turn your plans into reality.

**Your job becomes our specialty!**

### In Machining... Look For:

- Precision turning
- Precision milling
- Ground finishes
- Accurate threads turned
- Close tolerance
- Parallelism
- Perpendicularity
- Circular interpolation
- Bolt Circles
- Intricate/unusual shaping
- Repeatability
- Fit, form, and function
- Thread milling
- Fast turnaround

### In Water Jet Cutting... Look For:

- Email files to us
- Table size up to 6 by 12 feet
- No heat affected zones
- Multiple machines available
- Accuracy/reliability
- Nesting capability/saves material
- Highest pressure pump available
- Fast turnaround
- Dynamic compensation on turns
- No burrs
- Cut any shape/most materials
- Cut signs/letters/art
- Cut signs/letters/art
- Die Shoes cut with taper
- Multiple layer cutting (See our [water jet page](#))

### In Welding... Look For:

- Precise metal fusing
- Fixturing of parts
- Heliarc welding
- Wire welding
- Spot welding
- Soldering
- Clean welds/proper fillet
- Proper wire/or filler rod
- Experienced welders
- Fast turnaround
- Reliability

### Value Added Services... Look For:

- In-house stock available
- Maintenance/Breakdowns fixed
- Handle complete programs
- Stamping
- Vibratory finishing
- Sandblasting
- Weldment machining
- All trucking services available
- All heat treating/plating
- ISO compliant

Capabilities	Equipment	Specifications
<b>I. COMPUTERIZED MACHINING</b>	5 Mazak vertical machining centers with repeating production and quality capabilities	table size: 21.65" x 48.8" travel: X=39.37", Y=20", Z=18.1" distance between columns: 25.59" spindle h.p.: 20 h.p./30 min., 20 h.p. constant table load capacity: 1760 lbs.
<b>II. MILLING</b>	2 PROTO trAK M-Z Controlled Mills 5 Bridgeport Type Mills	
<b>III. Waterjet CUTTING</b>	1 PaR Vector® Positioner Ingersoll-Rand 50hp/55Kpsi Intensifier Allen Bradley 9/440 Digital Control Surfcam Cam Software  1 Flow Dynamic Water Jet with Active Tolerance Control	4' X 8' Cutting Envelope Up to 12" Z Clearance Tool Tip Accuracy of +/- .005" 55,000 PSI Cutting Max  6' x 12' Cutting Envelope 87,000 PSI Cutting Max Tool Tip Accuracy of +/- .005"
<b>IV. TURNING</b>	2 Manual lathes 1 Quick Turn Nexus 250 Turning Center 1 Quick Turn Nexus, 350 Turning Center	1 with removable gap for 26" diam. turning 10" Chuck 3" Turn Spindle Auto BAR FEED
<b>V. WELDING</b>	Miller Syncrowave 350 1 Miller MPS 20 spot welder 1 Banner Spot Welder 1 Miller 300 wire welder MIG	TIG Welding 16 KW 20 KVA 150 KVA 12.3 KVA
<b>VI. GRINDING</b>	1 Automated surface grinder 6 Misc. manual surface grinders 1 Cylindrical grinder	14" x 28" magnetic chuck
<b>VII. FABRICATING</b>	1 Mechanical shear 1 Piranha iron worker for shearing, punching and angle iron cutoff Misc. manual sheet metal equipment Brake press 6' length	3/16" x 4' capacity 1/2" capacity  foot shear, hand break, Di-acro turret punch, Di-acro hole punch
<b>VIII. STAMPING</b>	Punch presses with automatic feed capabilities	35 ton - 110 ton
<b>IX. SAWING</b>	1 Automatic cutoff band saw 1 Vertical band saw 1 Manual cutoff band saw	10" capacity 18" throat 10" capacity
<b>X. DRILLING</b>	Misc. drill presses	
<b>XI. HONING</b>	1 Sunnen honing machine	up to 2" diameter

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*Your Partner in Innovative Machining and Water Jet Cutting*

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