

# Schuette Metals Process Capabilities 112,000 Sq. Ft.

January 2008

Process	Specifications
<b>Shearing</b> Atlas Shear	3/8" x 12' Swing Beam, Adjustable Clearance
<b>CNC Forming</b> AccuPress CNC Single-Axis Press Brake Bystronic CNC 8-Axis Press Brake (2x) Bystronic CNC 8-Axis Press Brake Pullmax CNC 5-Axis Press Brake	60 Ton – 3/16" x 5' capacity 150 Ton – 10 Ga. X 10' 1/4" x 8' 1/2" x 4' 365 Ton – 10 Ga. X 16' 1/4" x 8' 1/2" x 4' 275 Ton – 1/4" x 10' 1/2" x 8' 1" x 4' plate size
<b>Punching/Forming</b> Aida 110 Ton OBI Cincinnati 225 Ton Piranha 42 Ton	Medium Forming with Punching up to 3/8" thick by 2-1/2" diameter
<b>Sawing</b> Marval Series 15A, Hem Vertical (2x)	15" x 20" Cube Size 7" x 7" Miter Capability
<b>Beam Punch</b> <b>Davi CNC Plate Rolling</b>	Whitney 70 Ton Web, Whitney 85 Ton Flange 1/4" x 8' Plate Capacity
<b>Welding</b>	35 stations with over 35,000 sq. ft. of Welding Room, MIG, TIG, Dual Shield, Stick Capability. Also Sub-Arc, Hand Held, Automatic with 6 Ton Weld Positioner. Welders are certified to AWS D1-1 and ASME Section 9
<b>Robotic Welding</b> Versa RC3L Transformation CM3X	6-axis Lincoln/Fanuc with dual head/tail secondary axis- 96" L x 40" W weldment size 6-axis Miller Auto Axxess/Fanuc by Genesis Systems with Dual head/tail secondary axis – 82" IL x 36" W weldment size
<b>Drilling</b> Several small single and multi spindle drills	17" Column by 6 Foot Swing Radial
<b>Lifting</b> (6) Overhead Cranes, (35) Jib Cranes	All Weld Bays Utilize One Ton Jib Cranes Building length overhead cranes from 3 - 20 Ton Capacity, w/20 ft lift to hook
<b>Laser/Plasma Cutting</b> Bystronic Laser Bystronic Laser Bystronic Laser  ESAB CNC Plasma/Oxy Burn table With DNC Link to Cad System	4400 watt – 60" x 120" table with 39 station load tower (linked) 5200 watt – 60" x 120" table with 39 station load tower (linked) 5200 watt – 60" x 120" table with auto shear feeder  One Head 600 Amp M3 Plasma cutting torch w/etching, Two Head Oxy fuel Water Tables (2x) 10' x 20' Capacity, Cutting Capacity up to 8" mac
<b>Machining</b> Mori Seiki CNC Lathe – 4 axis with live tooling Okuma Vertical Machining center Fadal Vertical Machining center (2x) Mori Seiki CNC Vertical Machining Center Haas CNC Vertical Machining Center	10" chuck dia. x 24" turning length 35 hp – 25" x 58" x 24" w/dual pallet loader 20 hp – 20" x 40" x 15" 35 hp – 20" x 40" x 24" 30 hp – 20" x 40" x 24"
	We have other manual machines such as Bridgeports, lathes, etc.
<b>Finishing</b> Roto-Blast Paint Prep – Shot and SandBlast Room Sand Blasting – Pressure Washing  Powder Coating E-Coat Coating Small Booth Large Booth	6 cubic foot drum 20' x 30' Booth Size 20' x 30' Booth Size  5 stage wash, 30" wide x 50" high x 8' wide max. part size 5 stage wash, 30" wide x 50" high x 8' wide max. part size 9'6"H x 18'W x 12'6"L 18'H x 16'W x 40'L Multi-Coat Heavy Zinc Rich & Epoxy Coating

OTHER SERVICES NOT LISTED HERE ARE AVAILABLE THRU SUBCONTRACT