STEEL PROCESSING CAPABILITIES

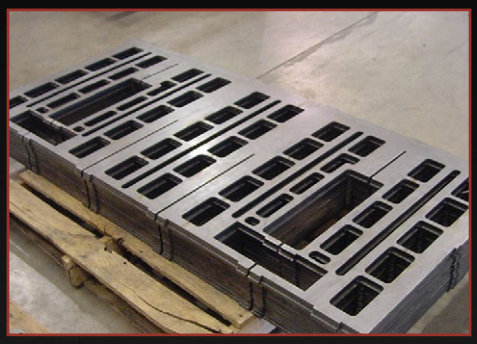
SWANTON WELDING COMPANY INC.

WHY CHOOSE SWANTON WELDING FOR YOUR STEEL PROCESSING NEEDS?

As part of our metal fabrication services, Swanton Welding & Machining performs a variety of cutting processes on a broad selection of materials such as mild, stainless, aluminium, heavy plate, and thin gauge metal. We even cut rubber, plastics and acrylic. mild steel can be cut up to 3/4".

We also have a 40' Ficep beam line. Our Ficep beam line is fully automated and has CNC control for accurate sawing to length and hole drilling in beams, channels, angles and flat bar.

We possess five CO2 laser cutting machines equipped with a 4,000 watt power supply and 60” x 120” and 80” x 160” tables. Our flow water jets can work with parts measuring up to 6’ x 12’ and up to 6” thick. With our advanced cutting operations, we can manage production runs from one-off prototypes to 10,000 units. Contact Swanton today to learn more about our advanced cutting technology.



STEEL PROCESSING CAPABILITIES

GENERAL CAPABILITIES
From concept to completion
Industrial fabrication
Mechanical design
AutoCAD 2015
Material handling
Prototype design
Complex fabrication & assembly

ARC/RESISTANCE WELDING PROCESS
Metal Inert Gas (MIG)
Tungsten Inert Gas (TIG)
Robotic Welding
Automatic Track (Seam)
Automatic Straight Line
Gas Tungsten Arc Welding (GTAW)
Stick Electrode Gas Metal Arc Welding (GMAW)
Shielded Metal Arc Welding (SMAW)
Flux Core Arc Welding (FCAW)
Overlay Spray Stud

BRAZING
Brass
Gear

MATERIALS
Steel
Stainless Steel
Aluminum
Copper
Bronze
Magnesium
Hard Surfacing
Wear Plate
AR Plate
4140
Inconel

WELDING OPERATION
Free Hand
Robotic Semi-Automatic

INDUSTRY STANDARDS
AWS D1.1 Certified
In-house CWI
American Welding Society (AWS)

EFFICIENCY
Six Sigma Black Belt
Lights Out Manufacturing
Lean Manufacturing

PRODUCTION VOLUME
Prototypes
Small Runs
Medium Runs

FILE FORMATS
AutoCAD
2D Mechanical
3D Inventor
Radan

ADDITIONAL SERVICES
Assemblies
Engineering Prototype Research and Development Semi and Flatbed Truck Delivery