

# METAL ROLLING & FORMING CAPABILITIES



# WHY CHOOSE SWANTON WELDING FOR YOUR METAL ROLLING AND FORMING NEEDS?

Swanton Welding & Machining's rolling and forming equipment performs precision rolling and forming operations that can generate multiple bends in plate, sheet metal, pipe and structural, all while maintaining required tolerances and consistent repeatability.

We work with mild steel, stainless, sheet metal and aluminum, creating such products as enclosures, formed channels, hoppers, cones, arcs, rolled tanks, chutes, curved handrails, amusement rides, roof trusses, canopies and many other items involving rolling and multiple bends.



# OUR ROLLING CAPABILITIES JUST GOT BETTER

Swanton Welding & Machining Co. is dedicated to finding the newest and most innovative ways to serve our customers. This year we purchased a new 4 roll Davi angle roll. With this new piece of equipment, we can roll angle, beams, channel, tubing, pipe, tees, flats, and both square and rectangular tubing.



This new addition has catapulted Swanton Welding to become a complete rolling facility when coupled with our already robust rolling capabilities and skilled team.



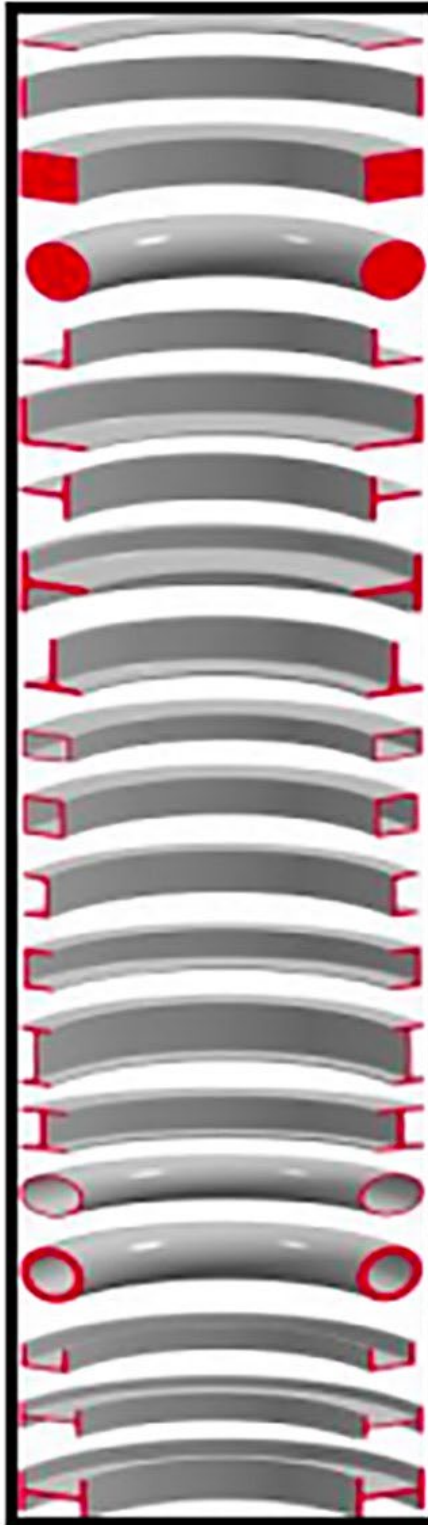
Our Parmagiani 4-roll machine can roll a 1" x 10' (Thicker if less width).

MG Double Pinch Hydraulic 4-Roll Plate Bending Machine can roll ¼" x 5'.

We also have two more to roll from gauge to ¼" x 4' and ¾" x 10'.

We have the experience, skills, and the right equipment to get your job done efficiently and with the highest quality materials.

# DAVI MC4P11 TECHNICAL DATA



SECTION TYPE	
Flat (hard way)	1
Flat (easy way)	2
Square	3
Round	4
Angle (leg out)	5
Angle (leg in)	6
T (leg out)	7
T (leg in)	8
T (leg up/down)	9
Rectangular HSS (hard way)	10
Square HSS	11
Channel (leg out)	12
Channel (leg in)	13
Standard beam (leg out)	14
Wide Flange Beam (easy way)	15
Tube	16
Pipe	17
Channel (hard way)	18
Standard Beam (hard way)	19
Wide Flange Beam (hard way)	20

# METAL ROLLING & FORMING CAPABILITIES

## FORMING METHODS

Press Breaking  
Rolling  
Step Breaking  
Straightening  
Heavy Lifting  
High Bay Ceilings  
Cambering

## PROJECTS

Cyclones  
Tanks  
Cylinders  
Arcs  
Handrails  
Rolled Angle  
Rolled Beams  
Sheet Metal  
Rectangular to Round  
Tapered Chutes and Ducts  
Multiple Bends  
Heavy plate  
Tubs  
Elbows  
Ductwork

## PRODUCTION VOLUME

Prototype to 10,000 units

## FILE FORMATS

AutoCAD  
2D Mechanical  
3D Inventor  
PDF

## EQUIPMENT LIST

Accupress 175-Ton Pressbrake (¼" x 14')  
Trumpf C110 122-Ton Pressbrake (¼" x 10')  
Wysong 175-Ton Pressbrake (¼" x 12')  
Parmigiani VBH10\380 4 Roll (1" x 10')  
Roundo PS-255 Roll (½" x 10')  
Roundo 4' Roll (¼" x 4', down To 6" diameter)  
Roundo Angle Bending Roller, Model R3

