

# PRECISION MACHINING AND CUSTOM METAL FABRICATION

## TRANSFORMING IDEAS INTO CUSTOM METAL SOLUTIONS



## INDUSTRIAL & PRECISION MANUFACTURING



### **MATERIAL CUTTING**

Waterjet and Plasma Cutting



### **MACHINE SHOP**

Integrated CNC and Traditional Machining



#### FORMING & ASSEMBLY

Roll Forming, Brake Forming, & Certified Welding



## LADDERS / PLATFORMS / STRUCTURAL ELEMENTS

Custom Industrial Access Systems

## TRUSTED FABRICATION DELIVERED PROMPTLY

At Heumann Environmental, we provide toptier fabrication services tailored to diverse industrial needs. Clients trust our expertise, strict quality control, and commitment to excellence. Whether delivering critical components quickly or designing complex systems, our precision and quality set us apart.

Our ASME certified shop specializes in air pollution control equipment, ductwork, custom components, and access equipment for seamless maintenance. Backed by an experienced fabrication and quality control team, we support projects from start to finish.



Expert Metalwork for High-Stakes Applications

## FABRICATION CAPABILITIES

- Cyclones
- Baghouses
- Particulate Scrubbers
- Eductors
- Pressure Vessels
- Ductwork
- Piping
- Tanks
- Platforms
- Stairways
- Railing
- Ladders
- Weldments
- Replacement Parts
- Flanges
- Frames
- Stop Gates
- Bar Screens
- Specialty Linings and Surface Finishes
- ASME and AWS Certified Welding
- Engineering and Modeling
- CNC Milling and Turning



## **FACILITY INFORMATION**

30,000 Sq. ft Manufacturing Floor

## **ROLL FORMING**

#### LEMAS

- 7.87" Diameter Rolls
- Gauge Material: 9-1/2" Minimum ID
- 3/8" Material: Lose on ID
- 72" Max Length of Material
- 1/4" Material: 11" Minimum ID
- Capable of Forming Cones

## **PRESS BRAKE**

#### STANDARD 325 TON

- 12' Bed
- Carbon Steel Max: 3/8" x 12'
- Stainless Steel Max: 3/8" x 10'

## **WATERJET**

#### MACH 500 4020

Performance varies by material type and thickness.\*

- Cutting envelope up to 13' x 6.5'(4m x 2m)
- Thicker cuts up to 12" (300 mm)
- Accuracy up to ±0.001" (±0.025 mm)
- 94,000 psi (6,500 bar) for faster cuts
- 3D (5-axis) and bevel cutting for complex geometries, angles, and countersinks

## **PLASMA TABLE**

#### **ESAB PRECISION PLASMARC 362 HIGH DEFINITION**

#### **Cut Area**

- X=240"
- Y=96"
- 7=8"

#### **Maximum Cutting Thickness**

- Carbon Steel: up to 2.5"
- Stainless Steel: up to 1.25"

- **Minimum Hole Size** • 0 - 1/4" = 3/8" • 1/2 - 5/8" = 3/4"

  - 1/4 3/8" = 1/2"
- 5/8 3/4" = 7/8"
  - 3/8 1/2" = 5/8" 3/4 7/8" = 1"

## **MACHINE SHOP**

## HASS VF-6 CNC MILL

- X=64"
- Y=32"
- Z=36"

#### HASS VF-3 CNC MILL

- X=40"
- Y=20"
- Z=22"

## HASS TM3 CNC MILL

- X=40"
- Y=20"
- Z=18"

## DOOSAN DAEWOO PUMA Z40 CNC LATHE

- X=13" OD Max Turn
- X=12" OD Max Chuck
- Z=20"
- W / Bar Feeder 4' Max Bar x 2-5/8" OD

## **VICTOR MANUAL LATHE**

- X=38" OD Turn Max -1" Thick
- Z=72" / 29" OD Max

