



# CASCADE FABRICATION

STAINLESS • ALUMINUM • CARBON

Cascade Fabrication services both individuals, companies and industries with custom metal fabrication. Be it a repair, modification or a fresh build. We can work with supplied designs or design for you. Fabrication can take place within our shop, or on site within the local tri-county.

## Shop Equipment:

We have many tools and equipment to assist in our fabrication work:

- ▶ 1/4" x 10' Shear
- ▶ 17" x 21" Vertical Saw
- ▶ 5' x 10' Plasma Table (1 1/2" Cap)
- ▶ 55 Ton Ironworker
- ▶ 90 Ton Pirahna
- ▶ Carell Double Pinch Structural Steel Rolls
- ▶ 100 Ton Press Brake
- ▶ 5 Ton Overhead Crane



## Welding Capabilities:

Many types of welding are performed by our skilled and experienced welders, such as:

- ▶ MIG - Gas Metal Arc Welding (GMAW)
- ▶ TIG - Gas Tungsten Arc Welding (GTAW)
- ▶ Stick - Shielded Metal Arc Welding (SMAW)
- ▶ Flux-Cored Arc Welding - (FCAW)

## Metals Fabricated:

We work with all types and shapes of metals:

- ▶ Carbon Steel
- ▶ Stainless Steel
- ▶ Aluminum
- ▶ Sheet
- ▶ Tube
- ▶ Pipe
- ▶ Beam
- ▶ Channel
- ▶ Rod
- ▶ Bar

## Design Capabilities:

Use of latest version of 3D Parametric Modeling CAD Software (SolidWorks), experienced drafters can:

- ▶ Accurately model your fabrication in 3D
- ▶ Draft 2D drawings for review, development, approval, and production purposes
- ▶ Design verification on supplied designs
- ▶ Simulate real world materials for weights & structural integrity





