# HEAVY METAL FABRICATION

#### Bay Metal Works Inc. Member of the Bay Family of Companie

#### www.BayMetalWorks.com

#### WATER JET CUTTING \_

With our OMAX 120X, we are capable of very accurately cutting up to 6" thick material 10' wide x 20' long. We are also capable of angular/bevel cutting which can help in fit-up and weld joint prep. And, with the dual heads, we can make your project more economical!



### **FABRICATION**

Fabrication, Welding and Inspection procedures qualified in accordance with AWS D1.1/D1.1M and associated regulatory standards. Welding, Fabrication and Inspection are performed with personnel tested and qualified by AWS CWI and ACCP VT II inspectors.

- · Multiple welding processes
- · Dedicated handrail table with pipe bender
- · 1/2" x 12' hydraulic shear
- Certifications
- AWS D1.1 Structural Welding Steel
- AWS D1.2 Structural Welding Aluminum
- · AWS D1.6 Structural Welding Stainless Steel
- · ABS (American Bureau of Shipping)



# ROLLING

We provide full-length precision tooling for all of your forming needs. You can expect superior quality and consistency, even through tight tolerances and large production runs.

- · 4 Roll Plate Roll
- Initial Pinch
- · 3/4" x 10' Rolling Capabilities
  · Capable of rolling as tight as 22" diameter.



# HI-DEF PLASMA CUTTING \_\_\_\_\_

Hi-Def Plasma Cutting is suitable for mild steel, stainless steel and aluminum from 26 gauge to 2" (50.8mm) thick.

- Accuracy is an exceptional +/- .030" (.76mm)
- $\cdot$  Positioning speeds up to 1200 ipm
- $\cdot$  Smooth edge surface
- Metallurgical-perfect surfaces for welding
- · (1) 12' x 40' multi-process burning table
- (2) oxy-fuel heads capable of cutting more than 13" thick carbon steel
- $\cdot$  (1) high-definition plasma cutting head
- · 2" thick carbon steel
- · 2" stainless and aluminum
- Arc writing (low-voltage plasma etching)
- · Excellent cutting speed

### **OXY-FUEL CUTTING**

Our Oxy-Fuel tables are capable of cutting more than 13" thick carbon steel.

• (1) 12' x 40' multi-process burning table • Arc writing (low-voltage plasma etching)





# HEAVY PLATE AND STRUCTURAL FABRICATION AND WELDING