

# PLATE PROCESSING & FORMING

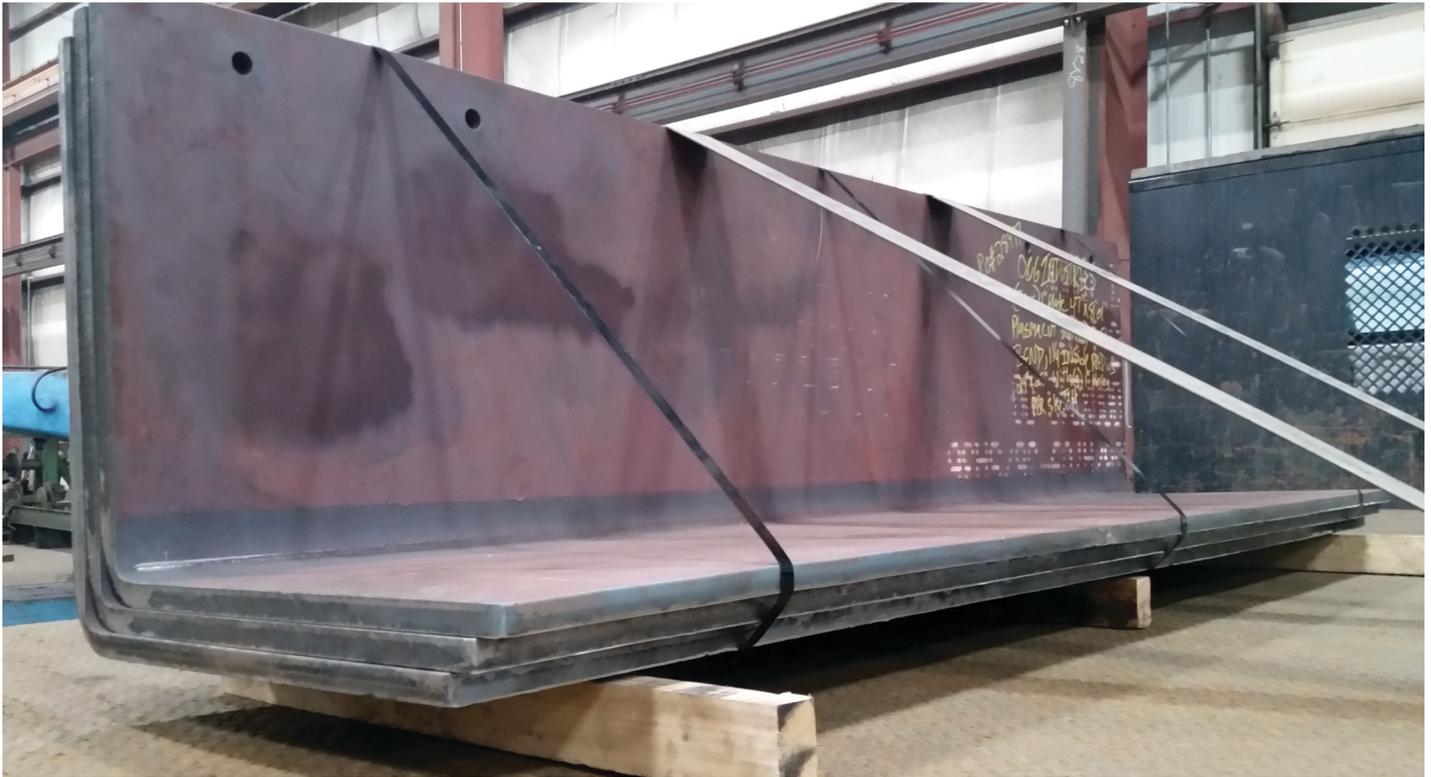


Plate processing at Freadman Steel, Inc. is centered around a Controlled Automation Model BTD-8X® with Hypertherm 400 XD Hi-definition Plasma on an 8' x 24' table. Mild steel capacity up to 2" thick with drilling capacity up to 1-9/16" diameter with optional countersinking, counter boring, tapping and marking capability.

Plate forming and rolling is an integral part of the business and is performed on (3) Cincinnati Press Brakes, the largest of which

has 1,000-ton capacity with a 22-foot bed; 18'06 between the housings. All of our press brakes have laser measuring devices and CNC back gauges.

Plate rolling is accomplished on our (3) Roundo plate rolls with capacity up to 1-3/8" thick by 11'06 long. All of the plate rolls have laser measuring devices and cone attachments. We process mild & alloy steel, stainless steel and Hardox up to 500 BHN. We also roll and form full and partial cyclones, hoppers, tank shells, bucket liners, main frame liners and more.



## STAIR STRINGERS

Plasma cutting of 1/2", 3/4" and 1" plates rolled to form circular stairs



## HARDOX®

3/4" Hardox® 450 tumbling drum.  
16" x 54 1/8" I.D.



## SHAPE ROLLING

12" Sch 40 6061 Aluminum Pipe  
Rolled to a 9'00 Radius