

Prefabricated Piping Systems

Alaskan Copper Works throughout its history has manufactured pipe, fittings and flanges and prefabricated them into "spools" suitable for field assembly.

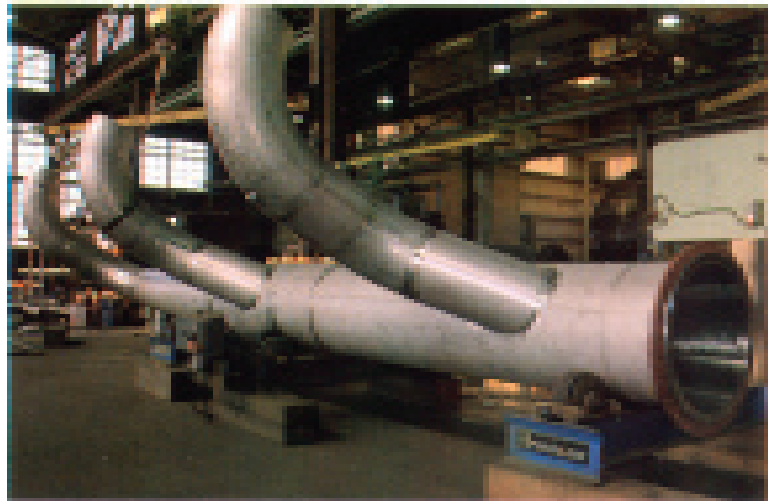
Today, along with its subsidiary, Stainless Piping Systems, Inc., the Fabrication Division provides an integrated program for supplying prefabricated piping in all corrosion resistant alloys. Beginning with the creation of spool sketches from customer-provided drawings, the many stages of piping prefabrication are efficiently managed to provide clearly identified pipe spools, properly protected for damage-free shipping.

Our project coordinators and experienced drafting staff determine a combination of fitting type and field weld placement to reduce field welding, thus shortening installation time as well as reducing overall cost.

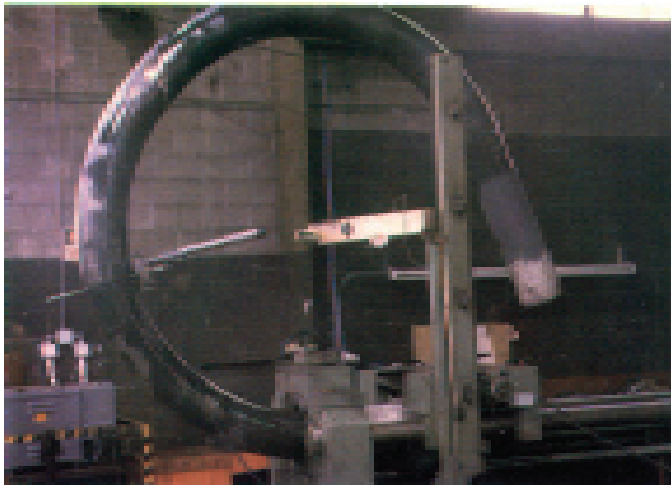
The Fabrication Division also has the capability to provide pipe bending in most sizes, wall thicknesses and centerline radii. All bends are produced wrinkle-free without the use of heat which can be harmful to the service performance of many corrosion resistant alloys.



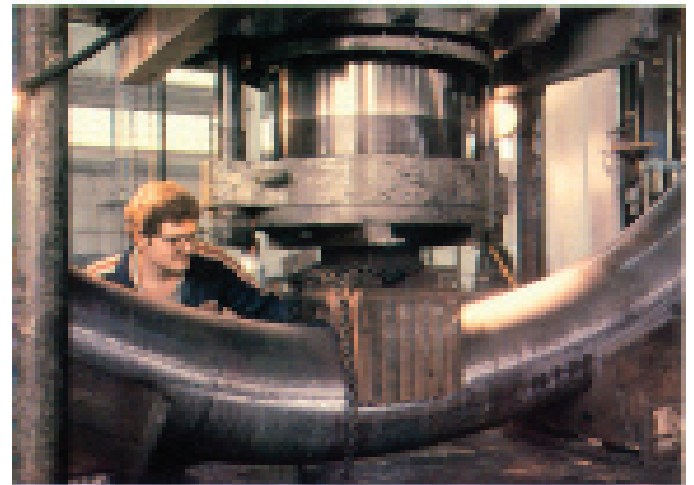
Cotton-test finish on a section of a paper mill headbox piping system.



Piping header with polished internal surfaces.



A Roto-Bender bends pipe from 5" to 12" sizes and has the capability of producing wrinkle-free bends with the centerline radius as small as three times the outside diameter of the pipe.

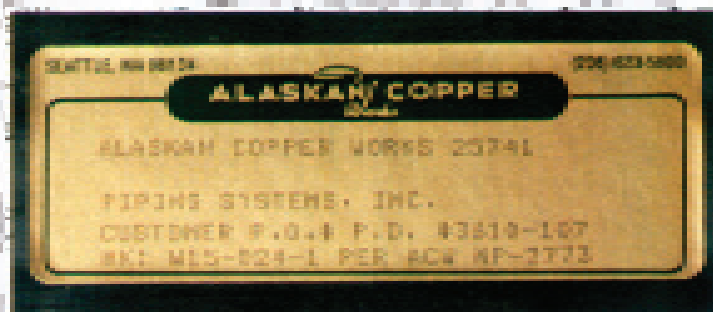


A vertical hydraulic press used to end large diameter pipe in sizes from 4" OD through 24" OD.

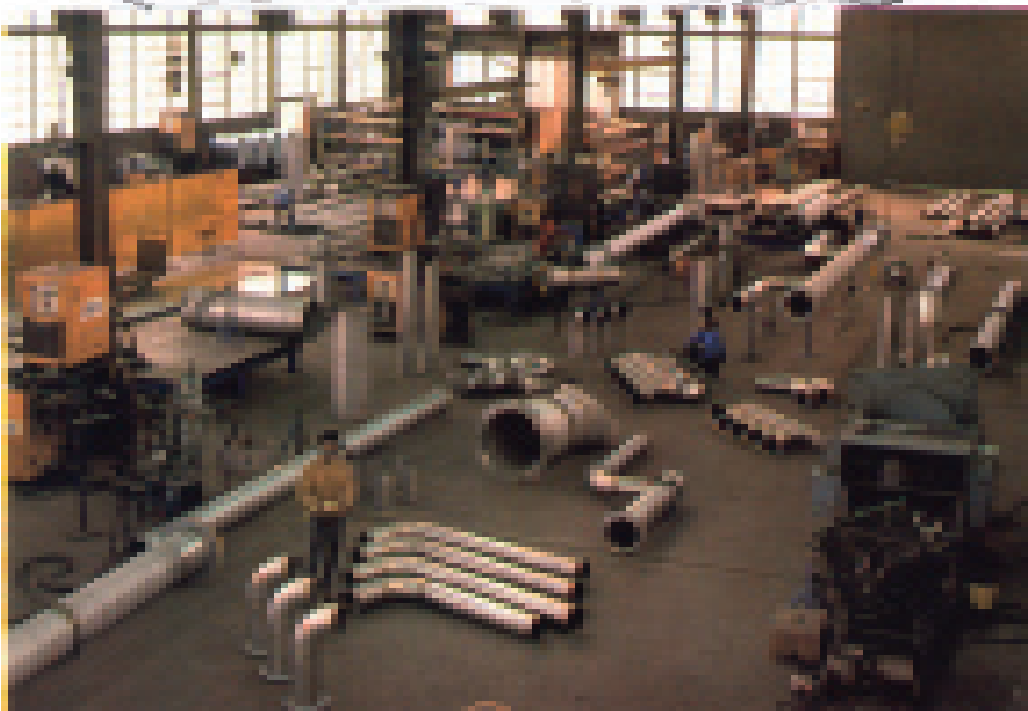


A welder attaching a piping section to a smooth-drawn tee outlet—a special feature of Alaskan prefabricated piping.

Our experience and attention in detailing prefabricated piping spool sketches based on customer-provided drawings help to assure accurate and efficient fabrication.



Pipe fabrication labeling is automatically produced from job engineering information, allowing accurate identification at the jobsite.



Pipe prefabrication is efficiently performed in modern facilities.