

Facility Information

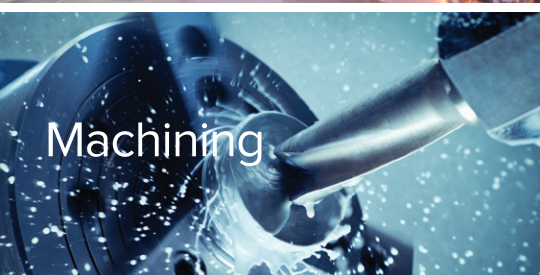
Anvil's Engineered Pipe Support facility currently occupies a total of 170,000 ft² (160,000 ft² dedicated to manufacturing while the remaining 10,000 ft² is dedicated to necessary support functions).



Saw Cutting



Punching



Machining



Forming



Welding



Painting

Equipment Overview

Cutting Capability: CNC plasma, Oxyfuel, and Waterjet cutting equipment giving us the ability to cut a variety of materials in a wide range of thicknesses.

Saw Cutting:

- Vertical and Horizontal saws
- Abrasive cut

Shearing/Punching:

- Geka Iron Worker Punch/Shear
- Whitney Punches

Machining:

- Vertical Machining Centers
- Horizontal Machining Centers
- CNC Turning Centers (have line tooling capability)
- Manual Turret Lathes
- Engine Lathe
- Radial Drills
- Vertical Milling Machines

Forming: We are currently running multiple hydraulic presses to handle our clamp forming needs including.

- 1,500 ton press with up to 52"+ diameter clamp capacity
- 250 ton press with up to 18" diameter clamp capacity
- 100 ton unit with up to 10" diameter clamp capacity

We also have a gas fired furnace allowing us to preheat material prior to forming. In addition to pre-heating material, this furnace allows us to perform (PWHT) post-weld heat treatment/stress relieving in house.

Welding: We currently have multiple weld booths dedicated to production. Primary production welding utilizes the Flux-cored process. All production welders at Anvil EPS are ASME Section IX qualified. Additional welding methods performed include, Stick, MIG and TIG. Robotic MIG welding capability with a multiple axis Kuka robot.



24-Hour Sales Hotline
855-EPS-PIPE (855-377-7473)

24-Hour Technical Hotline
401-533-6896

Shot Blasting:

- Pangborn Continuous Feed Structural Blaster
- Wheelabrator Spinblast shot blasting machines with rotary tables.

Our in-house shot basting capability is suitable for producing a near white finish in accordance with SSPC-SP10 which is required for maximum adhesion of finishes such as Carboline Carbozinc 11.

Painting: We currently utilize an enclosed spray booth suitable for all paints as well as open booths suitable for our standard F-049 primer. Paint is applied by either airless sprayer or cup gun depending on volume to be painted and manufacturer's recommendation. Conveyor lines are used in both paint booths for consistent 360° surface coverage.

Test Equipment:

Multiple fill and purge snubber rigs:

- SF1154 – Original Nuclear Fluid
- SNF1143 – Nuclear Fluid
- 96-175 – Commercial Fluid

Numerous machines for calibration and testing loads and movements of engineered pipe supports:

- Constant Supports
- Variable Springs
- Sway Braces

Nondestructive Examination:

Anvil EPS has the following in-house capabilities:

- Liquid Penetrant Testing
- Magnetic Particle Examination
- Wet Fluorescent Magnetic Particle Examination
- Ultrasonic Examination
- Radiographic Film Interpolation



North Kingstown, Rhode Island
www.anvileps.com

Case Studies

Scan QR Code to
link to Anvil website



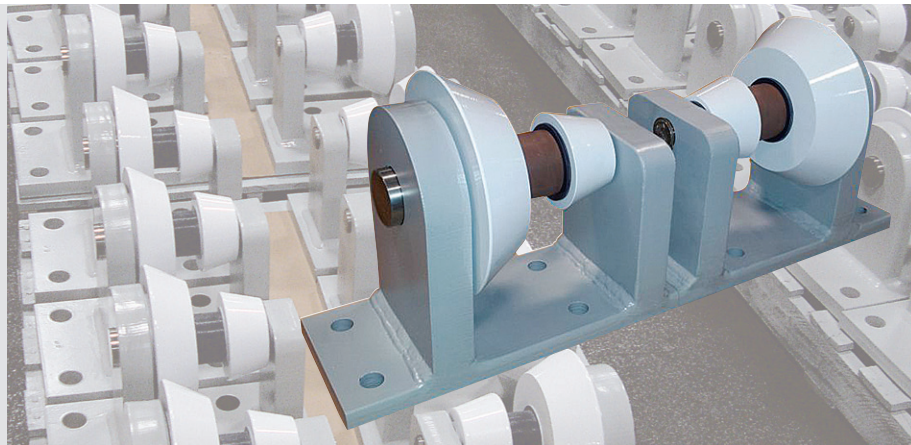
Arizona Thermal Solar Plant

Anvil EPS engineered and fabricated over 5000 custom pipe shoes for a vital power plant in Arizona. Extensive conceptual designs were made by the customer, along with individual loading conditions for each support. Anvil's engineers finalized the plans and fabrication was done on an expedited basis to support critical construction parameters. To meet the customer's needs, a separate, dedicated, work shift was added to the production schedule. The project was completed on schedule, in record time.



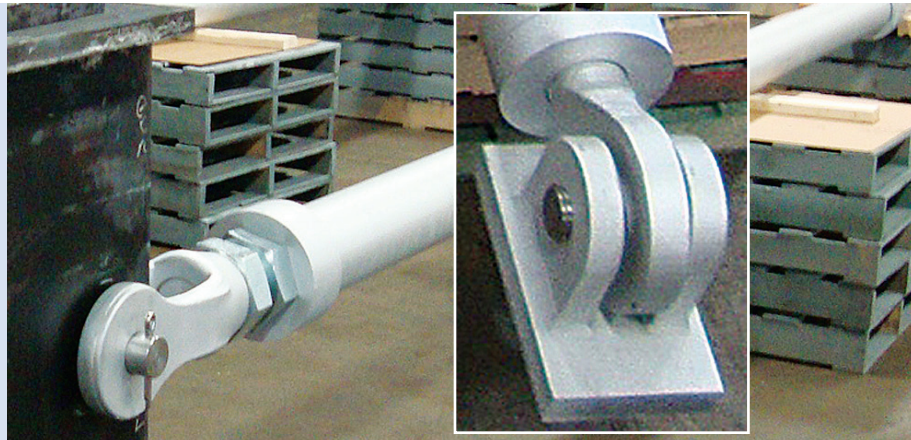
North Dakota

A pipeline in North Dakota required a heavy load of crude and refined oil, where 90% of the pipeline was underground and exposed to a high voltage/low amperage cathodic protection system. PVC pipe slide pads cannot survive the high system loadings, and the customer required a quick design solution. It had to be adjustable for 30" thru 36" diameter pipe and maintain the same centerline of pipe rack, and withstand at least 30,000 lb load. The special design roller is designed to meet dielectric and low coefficient of friction.



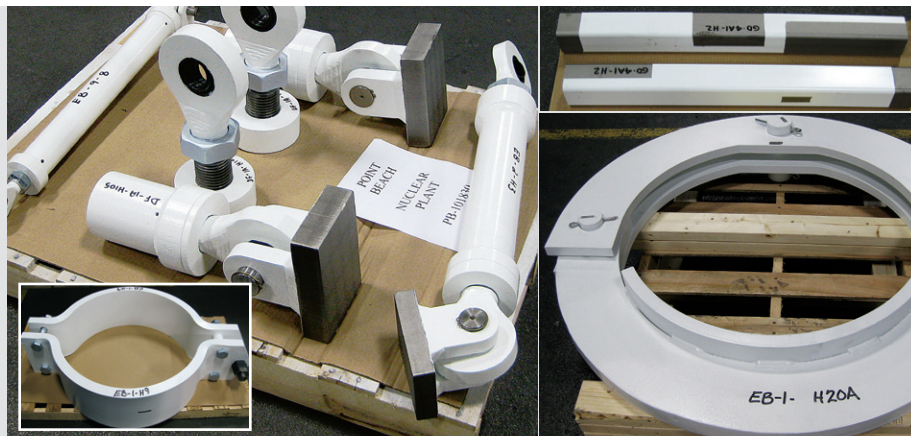
Pennsylvania Power Plant

When one of our customers needed to have a 37 foot sway strut for their super critical piping system, Anvil EPS was up to the challenge. Our team of engineers worked closely with the customer to fully understand the application and specifications. There are several challenges associated with a sway strut of that size. According to Carlos Costa, New Product Development Manager, "One of the biggest challenges was the fact that this strut was on a riser and the load had to be evenly placed while still meeting the code criteria for buckling."



Point Beach

In 2010 & 2011 Anvil EPS provided 600 safety-related pipe supports for the state of the art NextEra Energy's Point Beach Nuclear plant in Wisconsin. To ensure top notch support during critical construction milestones, Anvil provided a 24/7 Project Engineer to address technical questions and expedite emergency material requests immediately. In recognition of these efforts, Anvil received Bechtel Power's 2011 Key Supplier Award.



North Kingstown, Rhode Island

Building Connections That Last