



BUILDING CONNECTIONS THAT LAST



Anvil Engineered Pipe Supports North Kingstown, RI

Manufacturing

ANVIL BRANDS:





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NORTH KINGSTOWN CAPABILITIES

- ENGINEERED PIPE SUPPORTS
- SPECIAL DESIGN & FABRICATION
- PIPE SUPPORT DESIGN
- PIPE STRESS ANALYSIS
- FIELD SERVICE INSPECTION & TESTING

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Facility Information

Anvil's Engineered Pipe Support facility currently occupies a total of 160,000 ft²

150,000 ft² dedicated to manufacturing while the remaining 10,000 ft² is dedicated to necessary support functions.

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Equipment Overview

Cutting Capability

- CNC plasma and flame cutting equipment giving us the ability to plasma cut alloy and stainless steel up to a thickness of 1 ¾" and flame cut carbon steel up to 4 ½" thick.
- Saw Cutting
(3) Vertical and (2) Horizontal saws

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Equipment Overview (cont.)

Shearing/Punching

- (1) 150 Ton Whitney Shear
- (1) 150 Ton Whitney Punch
- (1) Peddinghaus Steel Worker (combined shear/punch)

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Equipment Overview (cont.)

Machining

- (2) Vertical Machining Centers
- (1) Horizontal Machining Center
- (2) CNC Turning Centers including one with sub spindle and mill - drill capability
- (6) Manual Turret Lathes
- (3) Radial Drills
- (1) Vertical Milling Machine

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Equipment Overview (cont.)

Forming

We are currently running three hydraulic presses to handle our clamp forming needs

- (1) 1,500 ton press with up to 54" diameter clamp capacity
- (1) 250 ton press with up to 18" diameter clamp capacity
- (1) 100 ton unit with up to 10" diameter clamp capacity

We also have a 124ft³ gas fired furnace allowing us to preheat material to approximately 2000°F prior to forming. In addition to preheating material, this furnace allows us to perform post weld heat treatment/stress relieving in house.

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Welding

We currently have a total of 12 weld booths dedicated to production.

- Primary production welding utilizes the Flux-core process.
- All production welders at Anvil EPS are ASME Section IX qualified
- Additional welding methods performed include Stick, MIG and TIG

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Shot Blasting

Pangborn Continuous Feed Structural Blaster with a of 5' x 30' capacity

Two Wheelabrator Spinblast shot blasting machines with 72" rotary tables.

Our in-house shot blasting 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

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Painting

We currently utilize a 23' x 18' x 11' enclosed spray booth suitable for all paints as well as a 20' open booth suitable for our standard F-049 water base primer.

Paint is applied by either airless sprayer or cup gun depending on volume to be painted and manufacturers recommendation.

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Snubbers

We have a total of five snubber test machines allowing us to test the full range of units offered.

In addition, we have a total of six fill and purge rigs to accommodate the various fluids offered:

- (1) SF1154 – Original Fluid
- (2) SNF1143 – Nuclear Fluid
- (1) 96-175 – Commercial Fluid
- (2) SF-176-41 – Commercial Fluid

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Nondestructive Examination

Anvil EPS has the following in-house capabilities.

- Liquid Penetrant Testing
- Magnetic Particle Examination
- Wet Fluorescent Magnetic Particle Examination
- Ultrasonic Shear Wave

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Questions? Contact us!

We'd love to work with you!

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