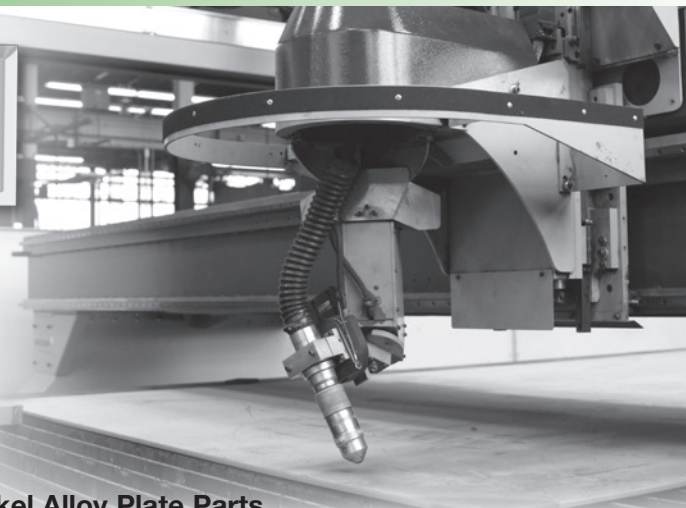


High-Definition PLASMA CUTTING and PLASMA BEVELING System

SANDMEYER'S High-Definition Plasma Cutting System with Plasma Beveling

*Precision High-Definition Cutting Combined
With State-of-the-Art Plasma Edge Beveling*

Unsurpassed Flexibility in Processed Stainless and Nickel Alloy Plate Parts



Once again, Sandmeyer Steel Company is on the forefront of the implementation of plate processing equipment for the production of Stainless Steel and Nickel Alloy Plate Parts.

We've added a state-of-the-art High-Definition Plasma Cutter capable of cutting high definition up to 2.0" (50.8mm). The machine is also equipped with a Plasma Edge Beveler that can bevel parts through 3.0" (76.2mm).

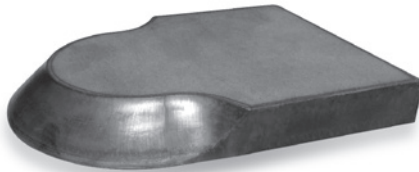
Our high-definition cutting system combines Y-axis linear ways with pitch line rack and pinion drives to provide the industry's smoothest cut edge and precise holes. Wider end trucks with a maximum guide roller spread further stabilize the X-axis motion for the ultimate cut edge performance.

The new bevel cutting head, combined with a sophisticated software package, provides the most precise plasma cut edges available in the market today. The system's unique design keeps the critical components away from the cutting torch, minimizing the risk of damage to the torch by slag, heat, and unwanted contact.

The plasma beveler head is capable of accurate beveled parts on any angle from +52 degrees to -52 degrees. Torch height is automatically controlled to an accuracy of +/- .006" (15mm), so part integrity is maintained throughout the cut. Corner loop size down to 0.394" (10mm) can be achieved without requiring start/stop commands. The result is accurate parts with square corners and minimal scrap up to 3.0" (76.2mm) thick.

Customers will benefit from this precision cutting system with accurate and square parts. Rectangles, rings, discs, and special shapes are available as high-definition products through 2.0" (50.8mm). Rectangles, discs, and special shapes are available with a beveled edge through 3.0" (76.2mm).

When operating in the high-definition mode, this machine experiences less taper on each piece. Finished parts are produced to tighter tolerances than standard plasma cutting with a consistency and repeatability on each cut piece. Cutting in the high-definition mode reduces the amount of weld prep required versus standard plasma cut products.



Sandmeyer's Edge

Let us tackle your next beveled product, and you'll get the "edge you need" from Sandmeyer Steel Company, the premier supplier of Stainless Steel and Nickel Alloy plate and processed plate parts. We offer bandsaw cutting, abrasive waterjet cutting, plasma cutting, *Machinicut* rings and discs up to 124" OD (3150mm), and laser cut products through 1.25" (31.8mm)—all under one roof. When matched with our 18 million pounds of Stainless and Nickel Alloy plate, the largest single-site inventory of specialty plate in North America, Sandmeyer provides you with the "edge" for specialty plate products.



Please visit our website at www.SandmeyerSteel.com for a complete review of our Value-Added Plate Processing capabilities, as well as our most up-to-date Stainless Steel and Nickel Alloy stock lists and quality systems.

Thickness Range Conventional Plasma	3/16" to 6.0" (4.8mm to 152.4mm)
Thickness Range High Definition	3/16" to 2.0" (4.8mm to 50.8mm)
Thickness Range Bevel Cut	3/16" to 3.0" (4.8mm to 76.2mm)
Bevel Range	+/-52 degrees

For more information concerning our high-definition plasma and plasma edge beveler please scan the QR code.



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*Providing Solutions, With Materials and
Value-Added Products, for Process Industries*