



SANDMEYER STEEL COMPANY

LARGEST
INVENTORY

VALUE-ADDED
EXPERTISE

UNSURPASSED IN-HOUSE
CAPABILITY

NEAR-NET
SHAPES READY
FOR PRODUCTION

LARGEST INVENTORY

**North America's
Largest Single-Site
Inventory of Specialty
Plate Combined with the
Most Comprehensive
Processing Capabilities
All Under One Roof**

Yes, Sandmeyer's Got It!

- Over 18 million pounds of specialty stainless, nickel alloy, and titanium plate in stock
- Thicknesses to 6" (152.4 mm)
- Widths to 120" (3048.0 mm)
- More incremental stock thicknesses

Scan the QR code above right to see our inventory.



State-of-the-Art Laser Cutting System

Customer Benefits

- High-speed cutting assures reduced cycle times of light and intermediate thickness processed parts
- Cuts near-net shapes to accuracy levels and close tolerances through 1.25" (31.8 mm)
- Minimal heat-affected zone enables tighter nesting when compared to plasma cut parts
- Cuts different thicknesses without operator intervention

Thickness Range

- .1875" (4.8 mm) to 1.25" (31.8 mm)

Maximum Cut Piece Size

- 158" (4013.2 mm) x 528" (13411.0 mm)

Tolerances

- +/- .030" (.76 mm) all dimensions

Machinot Operations

Customer Benefits

- "Specialty of the house"—nearly any machined configuration is readily available from our unparalleled in-house processing capabilities
- Turning up to 124" (3149.6 mm) OD
- Surface facing, one or both sides to any thickness and to a 63 RMS finish
- Bevels, counterbore, gasket face, grooves, and fine surface and edge finishes available
- *Machinot* operations that are "second to none" assuring you will receive the ultimate lowest "cost in use" products

Thickness Range

- .1875" (4.8 mm) to 6.0" (152.4 mm)

Maximum Cut Piece Size

- 124" (3149.6 mm) OD

Tolerances

- +.0625" (1.6 mm), -.000" on the OD and +.000", -.0625" (1.6 mm) on the ID
- Special tolerances—upon application





UNSURPASSED IN-HOUSE CAPABILITY



Milling

Customer Benefits

- Sophisticated three axis, double column vertical machining center
- Capable of producing special edge finishes with close tolerances on rectangular plate
- Machines special edge finishes on custom shapes and configurations
- Unsurpassed high productivity, speed, precision, and heavy duty cutting of material up to 28.74" OD

Drilling, Tapping, Counterboring

Customer Benefits

- Proprietary drilling technology research and development
- State-of-the-art automatic indexing drilling equipment can be supplied in same turnaround time as machined rings and discs
- Thread tapping and counterboring performed in-house
- Can handle stacked drilling through 8.0" (203.2 mm), drilled tube sheets and baffles up to 95" OD (2413 mm) with hole size to customer specifications



**Over 100
Pieces of Plate
Processing
Equipment
Under One
Roof Assures
On-Time Deliveries**



Scan the QR code above to see our value-added processes.

Bandsaw Cutting Center

Customer Benefits

- Four machines
- Fully automated cutting heads and plate feed assures accuracy and repeatability of every cut
- Cuts full-size patterns along with narrow bars to supply non-standard bar sizes and material types
- No heat-affected zone

Thickness Range

- .1875" (4.8mm) to 6.0" (152.4mm)

Maximum Cut Piece Size

- 124" (3149.6mm) x 274" (6959.6mm)

Maximum Piece Weight

- 15 tons

Tolerances

- Within .125" (3.2mm) width and length
- Edges perpendicular and parallel to within .0625" (1.6mm)



Plasma Cutting, High-Definition Plasma Cutting, and Plasma Beveling

Customer Benefits

- Three in-house machines including a high-definition with beveling torch assure fast on-time deliveries
- Rectangles, rings, discs, and special shapes are available
- Rectangles, discs, and special shapes may be beveled
- Accurate bevel parts with square corners and minimum scrap
- High-definition benefits
 - Less taper on each piece
 - Tighter tolerances than standard plasma cutting
 - No weld prep required
 - Consistency and repeatability on each piece
 - Precise and consistent near-net shapes

Thickness Range

- .1875" (4.8mm) to 6.0" (152.4mm) — conventional plasma
- .1875" (4.8mm) to 2.0" (50.8mm) — high-definition
- .1875" (4.8mm) to 3.0" (76.2mm) — bevel cut

Bevel Range

- +/- 52 degrees

Tolerances

- +/- .0625" (1.6mm) — high-definition

UNSURPASSED IN-HOUSE CAPABILITY

Abrasive Waterjet Cutting System

Customer Benefits

- Four machines with seven cutting heads and custom-designed water tables
- Near-net shapes and intricate parts processed to accuracy levels and the close tolerances you require
- Minimizes or eliminates secondary finishing
- Superior edge quality with no heat-affected zone enables tighter nested patterns and better yields
- Unmatched capacity resulting in reduced cycle time and faster deliveries of processed parts

Thickness Range

- .1875" (4.8mm) to 6.0" (152.4mm)

Maximum Cut Piece Size

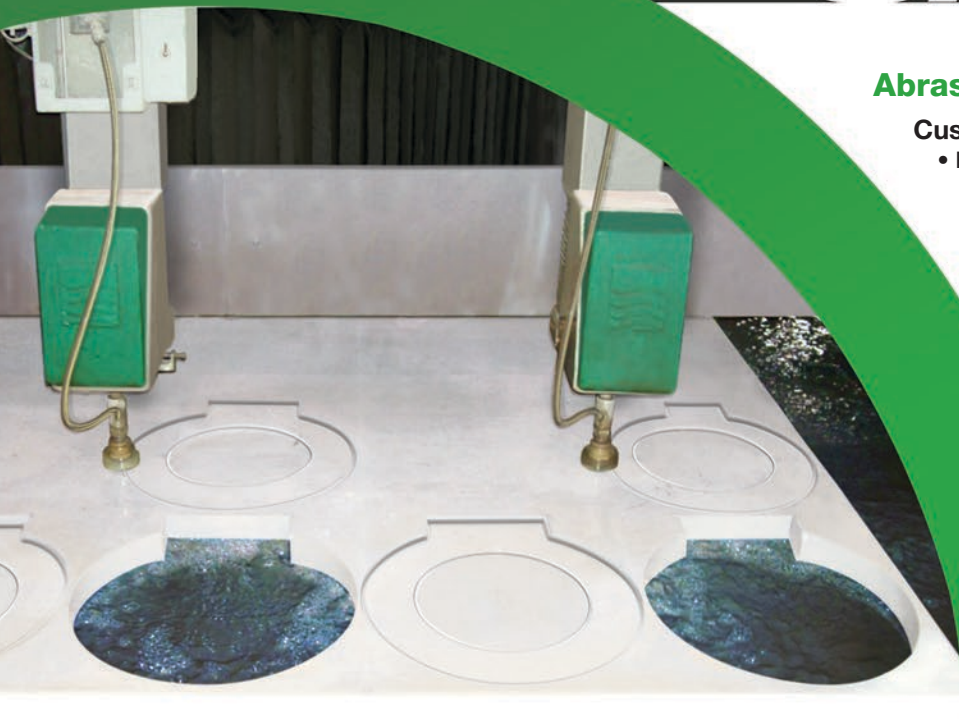
- 160" (4064.0mm) x 239.9" (6093.5mm)

Maximum Piece Weight

- 10 tons

Tolerances

- Capable of cutting within +/- .03" (0.8mm) based on the thickness, grade, and size of the piece





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Flattening

Customer Benefits

- Every piece that ships from our plant is flattened to at least half commercial mill tolerances at no additional cost to you
- Critical flatness requirements can be addressed
- Capable of flattening within .0625" (1.6 mm) based on the thickness, grade, and size of the piece
- Flattening tube sheet blanks is a specialty



Rolled Segments and ASME Code Welded Rings

Customer Benefits

- Economical process for producing large diameter rings and segments
- Eliminates center drop yield loss
- Bandsaw cut stainless steel and nickel alloy bars can be rolled the easy-way or hard-way
- Welders are ASME Section IX qualified
- Full ASME compliant code welding and x-ray on request (partial data reports available)
- Additional machining available



Abrasive Waterjet Shape



Rolled, ASME Code-Welded, Machined, and Drilled Ring



Machinist Discs



Abrasive Waterjet Spectacle Flange



Laser Cut Digester Ring



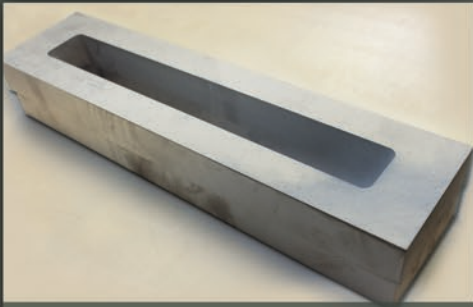
High-Definition Plasma Cut Pattern



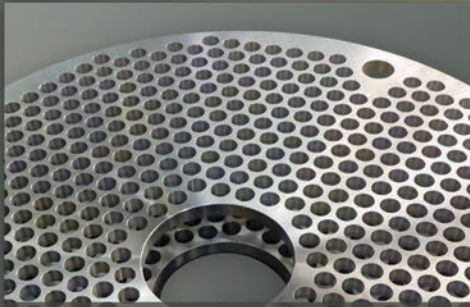
Machinist Products



Bandsaw Cut Blocks



Bandsaw Cut and Milled



Machinist Tube Sheet



IN-HOUSE SERVICES:

Abrasive Waterjet Cutting
ASME Code Welding
Bandsaw Cutting
Boring
Contour Milling
Counterboring
Countersinking
Drilling
Facing
Formed Segments
High-Definition Plasma Cutting
Laser Cutting
Partial Data Reports
Pipe Tapping
Plasma Beveling
Plasma Cutting
Raised Face
Ring Rolling
Tapping
Tube Sheet Drilling
Turning

QUALITY SYSTEMS:

ASME SECTION III
ASME SECTION VIII
MIL-I-45208A

OUTSIDE SERVICES:

Beveling
Cone Forming
Cylinder Rolling
Formed and Polished Parts
Grinding
Heat Treating
Machining Services
Plate Forming
Polishing

MATERIAL SPECIFICATIONS (where applicable):

AMS	NORSOK
ASME	PED
ASTM	QQ-S
NACE	QQ-N

Customer Specifications

TESTING:

Corrosion Testing
Grain Size Testing
Hardness Testing
Impact Testing
Tensile Testing
Ultrasonic Testing

Why Sandmeyer Should Be Your One-Stop Source for Specialty Plate Products

- North America's Largest Single-Site Inventory of Stainless Steel, Nickel Alloy, and Titanium Plate and Plate Products
- Unsurpassed In-House Plate Processing Capabilities
 - Machinicut to 124" (3149.6 mm) OD
 - Bandsaw cut bar for non-standard bar sizes and material types
 - Rolled and ASME code-welded rings provide an economic process for producing large diameter rings
 - Abrasive Waterjet cut near-net shapes and intricate parts with no heat-affected zones
 - Fast and accurate laser cutting up to 1.25" (31.8 mm)
 - High-definition plasma cutting assuring consistency and repeatability on each cut pattern
 - Plasma edge beveling through 3.0" (76.2 mm)
 - Every piece flattened to half commercial tolerances before it ships
- In-house quality system including commercial, military, and nuclear programs

At Sandmeyer Steel Company, we attribute our 70 years of success to this formula:

Largest Inventory + Unsurpassed In-House Capability + Value Added Expertise + Uncompromising Quality = Satisfied Customers

VALUE-ADDED EXPERTISE

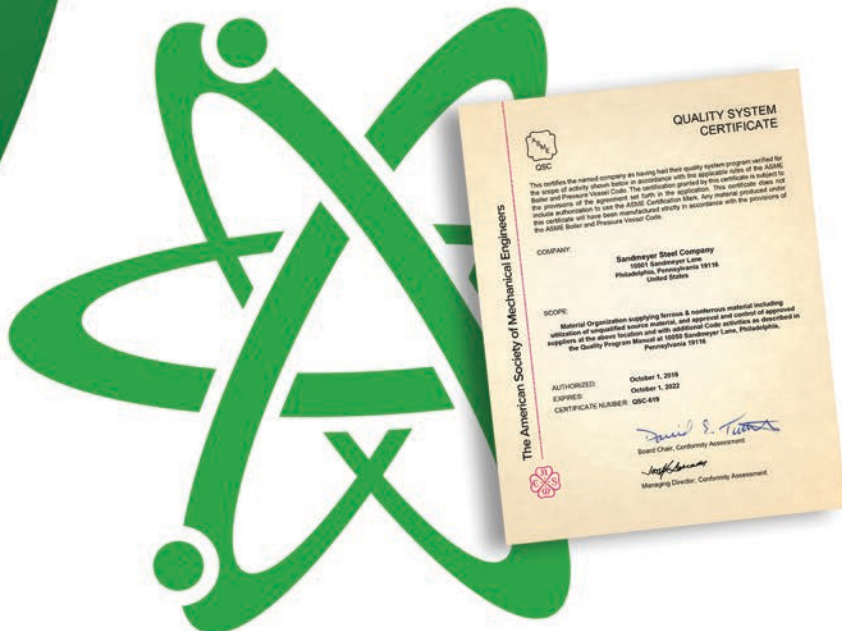
An ASME Section III Quality System Certificate Holder for Nuclear Material Organizations

ASME Certificate Number QSC-619

For quality information or questions, please contact us at quality@SandmeyerSteel.com



Scan the QR code above to see our nuclear capabilities.





Scan the QR code above to visit our website.



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