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

Machincut 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
- Machincut 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
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.
**Abrasive Waterjet Cutting System**

**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" (4.8 mm) to 6.0" (152.4 mm)

**Maximum Cut Piece Size**
- 124" (3149.6 mm) x 274" (6959.6 mm)

**Maximum Piece Weight**
- 10 tons

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

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

**Bevel Range**
- +/- 52 degrees

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

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**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" (4.8 mm) to 6.0" (152.4 mm)

**Maximum Cut Piece Size**
- 124" (3149.6 mm) x 274" (6959.6 mm)

**Maximum Piece Weight**
- 15 tons

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

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**Unsurpassed In-House Capabilities**
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

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
Abrasive Waterjet Shape
Rolled, ASME Code-Welded, Machined, and Drilled Ring
Machincut Discs
Abrasive Waterjet Spectacle Flange
Laser Cut Digester Ring
High-Definition Plasma Cut Pattern
Machincut Products
Bandsaw Cut Blocks
Bandsaw Cut and Milled
Machincut 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

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

QUALITY SYSTEMS:
- ASME SECTION III
- ASME SECTION VIII
- MIL-I-45208A

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
  - Machincut 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

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.
Capabilities 03/2022

Scan the QR code above to visit our website.

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