Yes, Sandmeyer’s Got It!

• Over 18 million pounds of stainless and nickel alloy 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

**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

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

**Maximum Cut Piece Size**
- 160" (4064.0 mm) x 239.9" (6093.5 mm)

**Maximum Piece Weight**
- 10 tons

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

QUALITY SYSTEMS:

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

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

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

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

- North America’s Largest Single-Site Inventory of Stainless Steel and Nickel Alloy Plate
- 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 60+ 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.