catalog

of Railings,
Fence Systems,
& Columns
Eagle Mouldings Inc has been serving customers since 1989. We take pride on our history of supplying specialty extrusions and custom dies. Many items shown in this catalog are carried in stock. In addition to these shapes, Eagle offers over 10,000 open dies available for your use with a minimum order run. We dedicate this book to you, our customer, and hope that you will find it a valuable tool to improve your sales and profits through our ability to provide the wide range of services found at Eagle.

**NEW ADDRESS:** 50 Medina Street S • Loretto, MN 55357

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Visit us online at: www.eagle-aluminum.com
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ALUMINUM

ALUMINUM TOP RAIL

E-4932 MF 24' Mill Finish

E-8097 MF
A-7136 MF

Square Tube Pickets 24'
Channel Top & Bottom Rail 24'

E-44 SP
4" o.d. x 4" o.d. x .090 wall Aluminum Railing Post w/screw ports

E-44-SP-4
E-44-SP-12 MF

NUT CHANNELS
FOR TELESCOPE TUBING

AR-7024
2" x 2" x 1/8" Square Insert Tube with 3/16" Radius

AR-953-MF
2.313 x .125 Square Tube with Nut Channel

Channel
Use A-774 for 5/16" hex nut
Aluminum Railing with 3/16” Diameter Stainless Steel Cable

Series 2000 was specifically developed to provide a strong, durable maintenance free railing with an almost unobstructed view. Great for lake homes or other scenic views. Series 2000 system uses a 2-1/2” square post with a 2” wide top rail.

The Cable Railing is available in ten decorative permanent finishes including white, black, light bronze, dark bronze, tan, almond, sandstone, green, brown and satin clear anodized

Finishes

The Cable Railing is available in ten decorative permanent finishes including white, black, light bronze, dark bronze, tan, almond, sandstone, green, brown and satin clear anodized
Series 900 design features # 901 top rail 2-1/2" wide x 1-5/8" with 2-1/2" square post and 3/4" pickets.

Series 950 design features # 902 top rail 2" wide x 1-5/8" tall with 2-1/2" square post and 3/4" pickets.

Series 990 design features # 902 top rail 2" wide x 4" tall with 2-1/2" square post and 3/4" pickets.
Heavy Duty Assembled Picket Railing

Series 9000 was specifically developed to conceal all exposed picket screw heads in the top and bottom rail assemblies and eliminate post brackets. Openings are machined in the post to accept the assembled picket fence rails. Series 9000 is available in 6’ lengths and custom lengths in 2-line or 3-line styles. Both styles are available in a wide range of heights. If the railing is angled horizontally, specify the angle so the proper openings can be machined into the posts. The railing can meet step railings requirements by specifying the riser and tread dimensions of the steps. Swivel brackets are required for step rail applications. Posts are 2-1/2” square and pickets are 3/4” square. Picket spacing is on 4-1/2” centers with formed spear, cast spear or flat top design.

As assembled picket fence is inserted on the machined post openings, rail wedges located in top and bottom rails will assure proper rail insertion of 1-1/4” beyond the post machined opening inside the post.

All posts are machined with openings to receive the top and bottom rails. A variety of post styles, wall plates, horizontal or vertical swivels and/or gates can also be available to fit any railing application.
**ALUMINUM**

**Series 500 & 550**

**Pipe Railing**

(763) 493-2995

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**Product Presentation**

Superior Aluminum Non-welded Series 500 Pipe Railing and Series 550 Pipe Picket Railing are especially designed to utilize all the advantages of aluminum, where strength, durability and no-paint maintenance are key factors. Highest quality aluminum extrusions and castings are used with concealed fasteners, offering a smooth finish, making it the finest contemporary design available on the market today. Components are easily assembled without welding by using mechanical fasteners at intersections and epoxy structural adhesive at splice joints.

Factory assembled railings are made to your exact specifications. Special curves or pipe radius can easily be fabricated to fit your job. Posts and top rails are assembled to run in continuous lengths. This results in a system that is stronger than one with a cast tee and cross connections, and it provides a continuous smooth top rail surface. The Series 550 pickets are factory assembled with a tight drive-in-fit to the top and bottom rails to assure square-ness and rigidity. Pre assembled sections up to 24 feet can be shipped factory assembled or knocked down for reassembly.

MATERIALS - All hand rails, posts and pickets shall be formed from extruded 6063- T6 aluminum of 1-1/2” Schedule 40 pipe size, except where there are formed elbows, whereby, 6063- T4 is used. All railing accessories shall be cast from ANSI 713 alloy. All fasteners used in the system shall be aluminum or stainless steel.
Series 500
Pipe & Hand Railing

Component Parts for Series 500 & 550

- No. 506 90° Miter Elbow
  - x = 2.00"  y = 1.900"

- No. 507 90° 3-Way Elbow (F)
  - a = 2.00"  y = 1.900"

- No. 508 Floor Flange (G)
  - 25/64" Dia. Mfg. Holes

- No. 509 Cover Flange (H)
  - 1.937"  4.00"

- No. 510 90° Radius Elbow (I)
  - r = 4.00"  y = 1.900"

- No. 511 Bottom Step Post Elbow (J)
  - r = 4.00"  y = 1.900"

- No. 512 Top Step Post Elbow (K)
  - (Specify Angle)

- No. 513 Rail Elbow (L)
  - (Specify Angle)

- No. 514 Post Cap

- No. 515 Wall Bracket

- No. 516 Angle Flange with Post (M)
  - (Specify Angle)

- No. 517 Splice

- No. 518 Wall Return Bend

- No. 519 Wedge Base with Stud
  - (with cover flange)

- No. 520 Wall Plate with Brackets

- No. 521 Wall Plate With Adj. Brackets (N)

- No. 522 135° 3-Way Elbow
  - 22-1/2"  22-1/2"

- No. 523 180° 3-Way Elbow

- No. 524 Side Mount Flange
  - 25/64" Dia. Mfg. Holes

- No. 525 Heavy-Duty Base
  - with Post
  - (Flat or 4-3/4" Ramp)

- No. 526 25/64" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 527 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 528 Picket
  - x = .059"  y = .750"

- No. 529 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 530 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 531 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 532 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 533 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 534 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 535 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 536 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 537 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 538 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 539 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 540 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 541 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 542 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 543 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 544 1-1/2" Schedule 40 Pipe - 24'
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- No. 545 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 546 1-1/2" Schedule 40 Pipe - 24'
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- No. 547 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 548 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"

- No. 549 1-1/2" Schedule 40 Pipe - 24'
  - x = .145"  y = 1.900"
Our Picket Fence utilizes all the advantages of aluminum - strong, durable, rust and corrosion free. These characteristics make aluminum picket fence a practical investment for the budget-minded builder. The smart contemporary design of Our Picket Fence is an added plus. No complicated fittings. No costly welded fabrication. Just the minimum of fasteners make our fence easy to install. The Series 700 Fence can be adjusted for uneven terrain with a horizontal or vertical swivel bracket. It is available in heights from 36” to 72”. Posts are 2-1/2” square and pickets 3/4” square. Picket spacing is 3”, 4-1/2” or 6”, with formed spear, cast spear, or flat top design. Ornaments are available to mount on top of post and snap-on pickets to give a custom decorative appearance. Series 700 Picket Fence is available assembled in sections or knocked-down.

Picket fence Design Selections
To order specify design A, B, etc., and required.
Aluminum custom gates can be manufacture to any size and design configuration. The durable all welded gate construction, plus electrostatic painting or anodizing, mean years of trouble free service. Decorative scrolls and cast aluminum inserts are available to mount on pickets. The above example is furnished with cast picket spears (991) and cast “Fleur-De-Lis” inserts (#941). The gate can be equipped with security locks.
Assembled Picket Fence

Series 7000 was specifically developed to conceal all exposed picket screw heads in the top and bottom rail assembles and eliminate post brackets. Openings are machined in the post to accept the assembled picket fence rails.

Series 7000 is available in 6' lengths and custom lengths in 2-line or 3-line styles. The 2-line is available in heights up to 60". The 3-line is available up to 72" heights. If the fence is sloped (for uneven terrain) or angled horizontally, specify the angle so the proper openings can be machined into the posts. Posts are 2-1/2" square and pickets are 3/4" square. Picket spacing is on 4-1/2" centers with formed spear, cast spear or flat top design.

As assembled picket fence is inserted on the machined post openings, rail wedges located in top and bottom rails will assure proper rail insertion of 1-1/4" beyond the post machined opening inside the post.

Custom Aluminum Gates

Where a touch of elegance, function, use and security is a must custom gates can be made to any size and design configuration. The durable all welded construction, plus electrostatic painting or anodizing, means years of trouble free service. The gates can be equipped with a standard or custom security lock.
Series 600 Custom Aluminum Railings

offer the most design features for the residential low rise, garden type apartment market. High quality aluminum extrusions and castings are used to provide maximum strength and support. The Series 600 streamline design presents an attractive appearance, while still maintaining the advantages of aluminum strong, durable, and rust-free. These characteristics make aluminum railings a practical, sound investment for any owner concerned about overall cost.

Series 600 Railings are available in heights from 32” to 42”. This railing can be purchased custom made to your specifications, or it can be purchased K-D and assembled at the job site. Specify our Aluminum columns, inserts, and scrolls to add even more versatility to the Series 600 Railing.

Consider the Advantages

- Four picket patterns
- Wide variety of scrolls
- Durable aluminum construction
- Electrostatic painted or anodized
- Complete range of sizes
- Easy installation no weld design
- Cast aluminum fittings

Ask about our hoop and picket combination or our hoop and spear combination below.

Finishes

White
Sandstone
Almond
Green
Black
Brown
Light bronze
Dark bronze

www.eagle-aluminum.com
Extruded aluminum panel columns recreate traditional and contemporary elegance at very affordable prices. Residential, or commercial, indoors or out, beautiful aluminum columns are the low-cost way to add the touch of class to your architectural designs.

Features

Styling - Authentic panel design is complemented by matching classic caps and bases.

Durability - Unlike wood, aluminum columns will not split wrap or weather. And, of course termites hate them.

Easy Handling - Because these aluminum columns are so light, they can usually be carried, assembled and installed by one person.

Easy Assembly and Installation - Cut the four sections of each column to size, lock them together. Attach top and bottom panels in recessed area, then slip the cap and base over the assembled column ends. That's all there is to it. Ideal for remodeling as well as new construction.

Complete Range of Sizes - Panel columns are provided in 6", 8", 10", 12" and 16"

Baked-On Paint - Available finishes, white, almond, sandstone, and brown, or primed, are guaranteed to endure for years of continued service and maintenance-free beauty.

Strength - They can be used as load bearing structural elements in entrances, porches, covered walkways, lobbies, colonnades, balconies and other structures. They can also be used as wrap-around columns for around existing columns, post or special structural members.

Dimensions & Load Data

(For Square Fluted, Smooth or Panel Columns & Caps/Bases)

<table>
<thead>
<tr>
<th>Nominal Width</th>
<th>Actual Width</th>
<th>Caps / Bases (width &amp; height)</th>
<th>Standard Lengths</th>
<th>No. Staves</th>
<th>Load Lbs.</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Standard</td>
<td>Doric</td>
<td>Charleston</td>
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</tr>
<tr>
<td>4&quot;</td>
<td>4</td>
<td>E</td>
<td>x</td>
<td>x</td>
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</tr>
<tr>
<td>6&quot;</td>
<td>5-1/2</td>
<td>2</td>
<td>8-1/2</td>
<td>3-3/4</td>
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<td>20</td>
<td>x</td>
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Note: Square Column corner sections (staves) & Panel Column quarter sections (stave) extend through caps & bases.
### Round Fluted Columns

**ALUMINUM ROUND FLUTED COLUMNS**

- **Nominal Dia.**
- **Actual Dia.**
- **Polymer Composite**
- **Standard Doric Scamozzi Corinthian**
- **Standard Lengths in Ft.**
- **No. Staves**
- **Load Lbs.**

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<td>1-15/16</td>
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<td></td>
<td>3, 13,000</td>
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<td>10</td>
<td>2-1/16</td>
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<td></td>
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