Wood & Metal Stairs

Custom Designed

From Standard Components

& Prefabricated Kits

Model 60S, stainless, oak treads w/nosing

Model 60AW 237 Rail   Model 348 Baluster
Experience:
Three generations of craftsmanship and experience go into each stairway. Skilled engineering and cost efficient construction techniques are combined to create detailed stairways in metal and wood. Stairways are fully fabricated to the dimensions of your building. Each stair is built one step at a time. Custom stair work has been our speciality throughout the years and our stairways are simply the best available. In addition to spiral stairways, we manufacture all other types of stairs including circular and straight stairs. These stairs are available in many materials including mild steel, wood, stainless steel, aluminum, brass and bronze.

Quality:
Our stairs are manufactured from only premium grade materials. We at Stairways believe this to be one of the most important qualities of our stairs. We also provide designers, architects and engineers alike with the support necessary to meet the needs of the most demanding projects. Experience throughout the years has elevated us to national recognition as a leader in the design and manufacture of spiral and custom stairs with the highest degree of quality and craftsmanship in mind, at the lowest possible cost to you. Our fully equipped shop and experienced craftsmen can help you with your design. For years now we have set the industry standards for quality, reliability and on-time delivery of precisely manufactured factory built stair systems.

Facilities:
Our manufacturing facilities are situated on a two acre site in Houston, Texas. Here we house our metal and wood manufacturing plants along with our showroom filled with recently updated samples from our product line. We are continuing to develop new designs to better meet industry demands and provide the widest possible selection to meet your spiral stair needs. Newly acquired automated manufacturing equipment used by our experienced staff help in the timely delivery of your stair by enhancing the production process. Please visit our showroom to personally see our choices in balusters, treads and handrails to name a few, as well as meet with our professional staff to discuss your stair creation.

Custom Capabilities:
Through the use of modern technologies we are able to create almost any stair to fit your needs. Stairways Inc. has the ability to unite your choice of wood or metal components, patterned or smooth to add that personal touch to your stair. Our craftsmen take the time to listen to your ideas, requirements and concerns and are equipped to provide you with the options that are best suited to your needs.

Catalog Structure:
This catalog has been designed to assist in obtaining basic information on spiral and custom stairways. It contains product descriptions, ideal dimensions, illustrations and specifications. This closely follows the Sweets recommended format for product literature.

Table of Contents:
Experience & Facilities 2
Photos 3
Commercial Applications 4
Industrial Applications 5
Residential Applications 6, 7, 8
Custom Designs 9
Wood Stairs 10, 11
Stair Design Options 12
Component Parts 13, 14, 15
Stair Design Information 16, 17
Kit Stairs 18, 19
Kit Stair Design 20, 21
Kit Stair Options 22, 23
Ordering Information 24
Your exquisite stairway will be the focal point of your house or commercial project.

Leading the way with new CNC Plasma cutting technology, steps and landings can now utilize patterns to show traditional or contemporary shapes, patterns available in steel, aluminum and stainless steel.

Step up to the elegance of custom designed stairs created from a beautiful range of standard components.
**Uses & Applications**

**Commercial**

Churches, hospitals, schools, hotel suites, condominiums, guard towers, diving towers, theaters/auditoriums, theme parks, roof hatch access, boats and airplanes.

48S 55’ elevation w/bronze handrail
60S w/opt. 220 handrail, 318 baluster

96S w/opt. 110 (221/2") treads 40’ shipped in a single unit

Custom platform w/bronze handrail
Uses & Applications

60S 56’ floor to floor, 1-1/2” Rd. handrail, 1” square balusters, checker plate treads, 60” rest landings

60S 75’ elevation w/opt.
112 tread 4 level stack

52S w/opt. 110 tread, galvanized

Industrial
Observation towers, airport towers, waste water treatment plants, oil and chemical tanks.
Uses & Applications

Residential
Homes, attics, lofts, wine cellars, basements, decks, fire escapes, spas, pools, modular homes.

60S oval mahogany handrail,
# 326 baluster, # 140 mahogany treads w/nose

60S 2" Rd. oak handrail, oak treads w/nose, 5/8" square balusters w/bronze collars and shoes

60S 1-1/2" Rd. handrail, 1" square balusters to code, carpet treads by others

60S 5 line rail, 1-1/2" Rd. handrail w/(4) 3/4" Rd. intermediates, pan type treads, tile by others
**Uses & Applications**

72S  #237 oak rail, 1" square main baluster, 5/8" square center baluster, custom oak inlay tread, 6" center column

52S  1-1/2" Rd. handrail, 1" Rd. Balusters, #140 oak tread w/nose.

64S  2" Rd. handrail, 3/4" Rd. balusters, #140 mahogany treads

60AL aluminum 4 line rail, pan type tread, tile inlay by others

60S  5 line rail, 1-1/2" Rd. top rail w/(4) 3/4" Rd. intermediates, #140 oak treads
Uses & Applications

48S 3 line rail, radial grate treads, galvanized

Radial grate tread and 90° triangular radial landing

48” Dia. 3 line rail stack

64S 2” Rd. handrail, 1” Rd. main baluster, #326 center baluster, #142 oak treads w/nose

60S 1-1/2” Rd. handrail, #326 balusters, smooth treads

60S #237 oak handrail, #326 balusters to code, oak treads w/nose and rubber inlay
Custom Stairways

76S opt. no. 245 oak inside and outside handrail w/oak custom inlay tread

42" wide straight stair with 140 oak treads, #326 balusters and #235 oak rail

Custom curve 6'6" diameter w/oak treads and closed risers, dry wall by others

48" wide straight stair w/opt. galvanized
Wood Stairs

The strikingly beautiful stairways will add architectural interest to any custom residence or commercial project. The All Wood spiral stairway is built around a laminated six inch, twelve, thirteen or sixteen sided solid column. The red oak treads are mortised, screwed and glued into the center column. The balusters pass through the oak treads and go up into the beautiful top handrail. This assembly is glued and bolted together forming a strong single unit that will not squeak or rattle. We then crate the “All Wood Spiral” and ship direct to your job ready to finish as you desire. It will look like a fine piece of furniture when stained, painted, antiqued or left natural. Options available: any diameter, degree, different woods, balusters, turned balusters, different top rails, landings and railings, or tell us what you want.

Using a variety of domestic or exotic woods and other architectural materials, we can produce different types of styles. Each stair is hand-crafted to the exact precision pitch to form a smooth and even flowing elegance. It is engineered for sturdy construction while being aesthetically pleasing.

Each order is sanded and ready to take the customer’s choice of finish at the job site. We can match the handrail and balusters used on your job.

The craftsmen of Stairways, Inc. have years of experience in the art of creative wood spiral stairways. Our impeccable attention to the visual and structural details ensures strength and durability while retaining its grace.

We guarantee all workmanship and material against defects and to be exactly as represented and of the highest quality.
Only the finest materials are used in our stairways. If it is wood, that means premium grade Oak, Mahogany, Maple, Walnut, Cherry, and many other Hardwoods. All custom stairways are hand built by proven craftsmen, making each stairway a beautiful work of art.

72AW #237 oak rail, #348 balusters to code

76AW #240 oak rail, #334 balusters, custom stringer and starter step

64AW all wood #237 handrail, #342 baluster to code

42AW #240 oak rail, #340 balusters, #340 starter post

40AW #240 oak rail, #338 baluster, #338 starter post
Stair Design Options

**Splice:** Stairs are made in two or more pieces to get into a smaller area or to be taken up an elevator.

**Center Column:** May be ordered larger or smaller than the standard diameter. The center column can also be ordered with a bottom or top extension for multistory applications.

**Volute:** Can be added to selected handrails.

**Top Caps:** Oval, flat, turned, brass wood and aluminum.

**Inside Handrails:**

**Engineering Calculations:**

**Shop Drawings:**

**Platforms**
Platforms are usually attached to the top of a stairway and will be attached to the floor above. On tall stairs we can locate a platform for additional headroom clearance, in the middle, a platform can be used as a rest area. Platforms can be made larger or smaller than standard.

- **#400** 12 gauge Smooth Steel, Aluminum, Stainless
- **#402** 3/16” Smooth Steel, Aluminum, Stainless
- **#410** 12 gauge Pan Steel, Aluminum, Stainless
- **#412** 3/16” Pan Steel, Aluminum, Stainless
- **#420** 12 gauge Checker Plate Steel, Aluminum, Stainless
- **#422** 3/16” Checker Plate Steel, Aluminum, Stainless
- **#430** 1” x 3/16” Bar Grating Steel, Aluminum, Stainless
- **#435** 1” Oak
- **#436** 1 1/2” Oak
- **#437** 1” Teak
- **#438** 1 1/2” Teak

**Well Rail**
Well Rail standard height is 42” and is made to match the stair rail. These rails can be manufactured straight or curved to any radius. Newel posts are used at the end of well rail and on longer rails.

- **#420** 12 gauge Smooth Steel, Aluminum, Stainless
- **#402** 3/16” Smooth Steel, Aluminum, Stainless
- **#410** 12 gauge Pan Steel, Aluminum, Stainless
- **#412** 3/16” Pan Steel, Aluminum, Stainless
- **#420** 12 gauge Checker Plate Steel, Aluminum, Stainless
- **#422** 3/16” Checker Plate Steel, Aluminum, Stainless
- **#430** 1” x 3/16” Bar Grating Steel, Aluminum, Stainless
- **#435** 1” Oak
- **#436** 1 1/2” Oak
- **#437** 1” Teak
- **#438** 1 1/2” Teak

- **#442** Perforated
- **#443** Abrasive Surface
- **#444** Rubber Overlay
- **#445** Bar Grating with Nosing
- **#446** Steel Radial Grating
- **#447** Steel Radial Grating with Nosing
- **#448** Filigree Pattern
- **#449** Traditional Pattern
- **#440** 1” Oak with Nosing
- **#441** 1 1/2” Oak with Nosing
- **#421** Arc Pattern
**Component Parts**

**Treads**

Treads are attached to center column and you will not see hubs, bolts or nuts. The smooth plate step is used for carpet which is applied to the surface with contact cement. Pan types are used for concrete, terrazzo, tile, marble or wood. Treads can be made any degree for better starting location. Other materials available are metal and wood.

- **Steel Smooth**
  - No. 100 12 Gauge Steel
  - No. 102 3/16"

- **Steel Checkerplate**
  - No. 110 12 Gauge
  - No. 112 3/16"

- **Steel Pantype**
  - No. 120 12 Gauge
  - No. 122 3/16"

- **Steel Perforated**
  - No. 165 12 Gauge

- **Abrasive Surface**
  - No. 166 12 Gauge
  - No. 167 1/8"

- **Rubber Covered**
  - No. 170 12 Ga. Steel
  - No. 172 3/16" Steel
  - No. 174 1/8" Alum.

- **Steel Bar Grate**
  - No. 130 1" x 3/16" Steel
  - No. 132 1" x 3/16" Alum.

- **Steel Bar Grate w/Nose**
  - No. 136 1" x 3/16" Steel
  - No. 138 1" x 3/16" Alum.

- **Steel Radial Grate**
  - No. 133 1" x 3/16" Steel
  - No. 134 1" x 3/16" Alum.

- **Steel Radial Grate w/Nose**
  - No. 135 1" x 3/16" Steel
  - No. 137 1" x 3/16" Alum.

- **Are Pattern**
  - No. 181 12 Ga. Steel
  - No. 182 3/16" Steel

- **Filigree Pattern**
  - No. 183 3/16" Steel
  - No. 184 3/16" Alum.

- **Traditional Pattern**
  - No. 185 12 Ga. Steel
  - No. 186 3/16" Steel

- **Oak Wood w/Nose**
  - No. 140 1"
  - No. 142 1 1/2"

- **Oak Wood w/o Nose**
  - No. 141 1"
  - No. 143 1 1/2"

- **Oak Wood w/Rubber**
  - No. 145 1"
  - No. 147 1 1/2"

- **Alum. Checker plate**
  - No. 150 3/16" Alum.

- **Stainless Steel**
  - No. 160 Smooth
  - No. 161 Patterned
  - No. 162 Perforated
  - No. 164 Checkerplate
Component Parts

Handrails

Handrails are formed in a continuous perfect spiral of wood and metal. There are no unsightly joints or bolts. We can use different handrails to match rails to an existing structure. We have volutes for No. 210, No. 220, No. 235, No. 237 and No. 240.

- 1½" Round #200 Steel, Alum. Stainless
- 2" Round #203 Steel, Alum. Stainless
- 1¼" x 1¼" Flat #205 Steel, Alum. Stainless
- 1½" Molded #210 Steel, Alum. Stainless, Chrome
- 2½" Molded #211 Steel, Alum. Stainless, Chrome
- Round Brass #215 1½", #216 2"
- Molded Bronze #220 1½", #221 2½"
- Bronze Oval #223 Round
- 2" Oval Nickel Bronze #222
- Colorail Flat* #225 Black
- Chrome Round #227 1½", #228 2"

*Colorail is a registered trademark of Julius Blum & Co., Inc. Black is standard. Colors are available.

Balusters

Balusters may be used in different combinations of wood with metal and different styles. Standard is one baluster per tread. Additional balusters may be added to help meet any code requirements you may need.
Balusters

#326 3/4" Rd. Steel
#328 1/2" Rd. Steel w/Brass
#329 1" Rd. Bronze
#332 1/2" Sq. Steel w/Brass
#363 3/4" Rd. Brass
#364 5/8" Rd. Steel w/Brass
#365 5/8" Rd. Steel
#366 3/4" Rd. Steel
#369 1/2" Rd. Steel
#368 1/2" Rd. Steel

#354 1/2" Sq. Steel
#355 3/4" Rd. Steel
#356 5/8" Sq. Steel
#357 1/2" Sq. Steel
#358 1/2" Sq. Steel
#359 1/2" Sq. Steel
#360 1/2" Sq. Steel
#361 1/2" Sq. Steel
#362 1" Sq. Steel

#334 11/4" Sq. Oak
#336 13/4" Sq. Oak
#338 11/4" Sq. Oak
#340 11/4" Sq. Oak
#342 11/4" Sq. Oak
#344 11/4" Sq. Oak
#346 11/4" Sq. Oak
#348 11/4" Sq. Oak
#349 11/4" Sq. Oak
#350 2" Rd. Oak
#351 13/4" Rd. Oak
#352 13/4" Rd. Oak
#353 13/4" Rd. Oak
**Stair Design Information**

**Clockwise**

**Layout**

Locate the exact number of steps by using your elevation and refer to the Table of Risers' chart below. Standard degree is 27°. If you have a code or special requirement, determine which chart will be used. Check the number of steps and degree of turn your stair will have. Rotate the diagram four different directions to determine which direction best meets your needs. You can have less of a turn by decreasing the number of steps.

**Framing Dimensions**

Framing Dimensions are used when stair passes through flooring. Notice the opening is an "L" shape, not square. For maximum head room taper 45° joist #2 (shaded area). If your joist is 10" or over, order with one less step and this will increase head room.

**Table of Risers**

<table>
<thead>
<tr>
<th>Finish Floor Height</th>
<th>Number of Steps 27°</th>
<th>Degree of Circle</th>
<th>Finish Floor Height</th>
<th>Number of Steps 22 1/2°</th>
<th>Degree of Circle</th>
<th>Finish Floor Height</th>
<th>Number of Steps 30°</th>
<th>Degree of Circle</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° to 96&quot;</td>
<td>11</td>
<td>297°</td>
<td>84° to 91&quot;</td>
<td>12</td>
<td>270°</td>
<td>85° to 95&quot;</td>
<td>9</td>
<td>270°</td>
</tr>
<tr>
<td>97° to 104&quot;</td>
<td>12</td>
<td>324°</td>
<td>92° to 98&quot;</td>
<td>13</td>
<td>292 1/2°</td>
<td>96° to 104&quot;</td>
<td>10</td>
<td>300°</td>
</tr>
<tr>
<td>105° to 112&quot;</td>
<td>13</td>
<td>351°</td>
<td>99° to 105°</td>
<td>14</td>
<td>315°</td>
<td>105° to 114°</td>
<td>11</td>
<td>330°</td>
</tr>
<tr>
<td>113° to 120&quot;</td>
<td>14</td>
<td>375°</td>
<td>106° to 112°</td>
<td>15</td>
<td>337 1/2°</td>
<td>115° to 123°</td>
<td>12</td>
<td>360°</td>
</tr>
<tr>
<td>121° to 128&quot;</td>
<td>15</td>
<td>405°</td>
<td>113° to 119°</td>
<td>16</td>
<td>360°</td>
<td>124° to 133°</td>
<td>13</td>
<td>390°</td>
</tr>
<tr>
<td>129° to 136&quot;</td>
<td>16</td>
<td>432°</td>
<td>120° to 126°</td>
<td>17</td>
<td>382 1/2°</td>
<td>134° to 142°</td>
<td>14</td>
<td>420°</td>
</tr>
<tr>
<td>137° to 144&quot;</td>
<td>17</td>
<td>459°</td>
<td>127° to 133°</td>
<td>18</td>
<td>405°</td>
<td>143° to 152°</td>
<td>15</td>
<td>450°</td>
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<tr>
<td>145° to 152&quot;</td>
<td>18</td>
<td>486°</td>
<td>134° to 140°</td>
<td>19</td>
<td>427 1/2°</td>
<td>153° to 161°</td>
<td>16</td>
<td>480°</td>
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<tr>
<td>153° to 160&quot;</td>
<td>19</td>
<td>513°</td>
<td>141° to 147°</td>
<td>20</td>
<td>450°</td>
<td>162° to 171°</td>
<td>17</td>
<td>510°</td>
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<tr>
<td>161° to 168&quot;</td>
<td>20</td>
<td>540°</td>
<td>148° to 154°</td>
<td>21</td>
<td>472 1/2°</td>
<td>172° to 180°</td>
<td>18</td>
<td>540°</td>
</tr>
</tbody>
</table>
Specifications:
Furnish spiral stairway as manufactured by Stairways Inc.,
4166 Pinemont, Houston, Texas 77018 (1-800-231-0793).
Stairway shall be shipped in a complete single unit.

Diameter ____________, Elevation or Floor to Floor ____________,
Direction from bottom up, Clockwise-Left Hand or Counter Clockwise
Right Hand, Tread Type ____________, Tread Degree ____________,
Baluster Type ____________, Balusters per Tread ____________,
Handrail Type ____________, Platform Type ____________, Shape ____________,
Platform Rail on one side or Two ____________

Experience:
Three generations of experience allows reliability and on-time delivery of an outstanding product.

Code:
National Building Code (BOCA) or Uniform building code requires a minimum of a 60" diameter spiral with 30º treads and a 4" on center maximum spacing for balusters. Before ordering, check with your local building inspector for code requirements in your application.

Code Acceptability:
We will design and manufacture stairs to meet any job specifications. It is the customer’s complete responsibility to notify us of building codes or special requirements.

Structural Performance:
Stairways, Inc. spiral stairs can be designed to support a uniform load of 100 lbs. per square foot or a concentrated load of 300 lbs. Railing to support a 200 lb. load.

Dimension Chart

<table>
<thead>
<tr>
<th>Model#</th>
<th>40S</th>
<th>48S</th>
<th>52S</th>
<th>60S</th>
<th>64S</th>
<th>72S</th>
<th>76S</th>
<th>88S</th>
<th>96S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>40&quot;</td>
<td>48&quot;</td>
<td>52&quot;</td>
<td>60&quot;</td>
<td>64&quot;</td>
<td>72&quot;</td>
<td>76&quot;</td>
<td>88&quot;</td>
<td>96&quot;</td>
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<tr>
<td>Center Column</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>6-5/8&quot;</td>
<td>6-5/8&quot;</td>
<td>6-5/8&quot;</td>
</tr>
<tr>
<td>Lbs. per 9 ft.</td>
<td>206</td>
<td>220</td>
<td>235</td>
<td>250</td>
<td>365</td>
<td>310</td>
<td>322</td>
<td>435</td>
<td>485</td>
</tr>
<tr>
<td>Tread Detail A</td>
<td>3-1/2&quot;</td>
<td>3-1/2&quot;</td>
<td>3-1/2&quot;</td>
<td>3-1/2&quot;</td>
<td>3-1/2&quot;</td>
<td>3-1/2&quot;</td>
<td>5-5/8&quot;</td>
<td>5-5/8&quot;</td>
<td>5-5/8&quot;</td>
</tr>
<tr>
<td>Tread Detail B</td>
<td>18&quot;</td>
<td>22&quot;</td>
<td>24&quot;</td>
<td>28&quot;</td>
<td>28&quot;</td>
<td>30&quot;</td>
<td>34&quot;</td>
<td>36&quot;</td>
<td>42&quot;</td>
</tr>
<tr>
<td>22º Tread Detail C</td>
<td>7-13/16&quot;</td>
<td>9-3/8&quot;</td>
<td>10-1/8&quot;</td>
<td>10-11/16&quot;</td>
<td>12-1/2&quot;</td>
<td>14-1/16&quot;</td>
<td>14-1/4&quot;</td>
<td>14-13/16&quot;</td>
<td>17-13/16&quot;</td>
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<tr>
<td>22º Tread Detail D</td>
<td>6-3/8&quot;</td>
<td>6-3/4&quot;</td>
<td>6-7/8&quot;</td>
<td>7&quot;</td>
<td>7-1/8&quot;</td>
<td>7-1/4&quot;</td>
<td>7-3/8&quot;</td>
<td>8-7/8&quot;</td>
<td>9&quot;</td>
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<tr>
<td>27º Tread Detail C</td>
<td>9-5/16&quot;</td>
<td>11-3/16&quot;</td>
<td>12-1/8&quot;</td>
<td>14&quot;</td>
<td>14-15/16&quot;</td>
<td>16-13/16&quot;</td>
<td>17-3/4&quot;</td>
<td>20-9/16&quot;</td>
<td>22-7/16&quot;</td>
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<tr>
<td>27º Tread Detail D</td>
<td>7-3/8&quot;</td>
<td>7-3/4&quot;</td>
<td>7-7/8&quot;</td>
<td>8&quot;</td>
<td>8-1/8&quot;</td>
<td>8-1/4&quot;</td>
<td>8-3/8&quot;</td>
<td>9-3/4&quot;</td>
<td>9-7/8&quot;</td>
</tr>
<tr>
<td>30º Tread Detail C</td>
<td>10-3/8&quot;</td>
<td>12-7/16&quot;</td>
<td>13-7/16&quot;</td>
<td>15-9/16&quot;</td>
<td>16-9/16&quot;</td>
<td>18-5/8&quot;</td>
<td>19-11/16&quot;</td>
<td>22-3/4&quot;</td>
<td>24-7/8&quot;</td>
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<td>30º Tread Detail D</td>
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<td>8-3/8&quot;</td>
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<td>9-1/8&quot;</td>
<td>10-3/8&quot;</td>
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<tr>
<td>Platform Size</td>
<td>22&quot;</td>
<td>26&quot;</td>
<td>28&quot;</td>
<td>32&quot;</td>
<td>34&quot;</td>
<td>38&quot;</td>
<td>42&quot;</td>
<td>46&quot;</td>
<td>50&quot;</td>
</tr>
</tbody>
</table>

* Dimension D does not include the overlapping step above.

Coatings, Surface
Standard primer, zinc-chromated reddish brown rust inhibitor, black acrylic enamel, expoxics, or hot dipped galvanization applied over chemically cleaned surfacers.

Materials, Finishes
Stairways are made from a variety of materials: Steel, Aluminum, Stainless Steel, Brass, Bronze, Oak, Pine, Walnut, Teak and Cherry. Available finishes include: Mill, Polished, Satin or Coated.

Stair Elevation

Shipped In One Single Unit*

* Splice option available for stairs shipped in two or more sections.
**Stair Kits**

**Stair Kit Features**
- EASY TO ASSEMBLE
- FAST INSTALLATION TIME
- ALL PARTS INCLUDED
- NO SPECIAL SKILLS NEEDED
- SPACE SAVING
- ECONOMICAL
- FAST DELIVERY WORLDWIDE
- INTERIOR OR EXTERIOR
- NO WELDING REQUIRED
- ANY HEIGHT
- ANY DIAMETER
- ALL STEEL CONSTRUCTION
- VINYL OR OPTIONAL HANDRAILS
- ADJUSTABLE HEIGHT
- HIDDEN WELDS
- STOCK STAIR CAN BE INSTALLED IN EITHER CLOCKWISE OR COUNTERCLOCKWISE DIRECTIONS

**Installation:**

Our Kit Stair systems come in a box with instructions and can be installed by two people in less than a day without the need for any special tools or expensive equipment.

**Standard Spiral Kit** we can ship these kits fast and economically mostly from stock. Universal direction and readily available in heights up to 114". Taller elevations are available.

**All Wood Spiral Kit** all solid wood construction. 12 sided center column. Each all wood kit stair is built by hand, disassembled and placed into a box ready for shipment. It can be used with other options we offer like additional balusters, and custom handrails from the completely assembled wood stair line.

**Standard Heavy Duty Kit** built with 3/16" steel treads, 3/4" solid balusters milled to fit the exact angle of handrail. Built one stair at a time, disassembled, and placed in a box ready for shipment to your jobsite. For residential and industrial installations that require kits, this stair is the best.
Stair Kits

48SKD w/oak handrail and treads

48SKD Standard Kit

48AWKD

48SKD w/1-1/4" Rd. brass handrail, 3/4" Rd. brass baluster and oak treads

72HDKD Heavy Duty Kit, Aluminum

48AL-KD Standard Aluminum Kit
**Standard Spiral Kit:**
Includes a 3.50" OD center column with a 10" radius .25" thick baseplate, formed landing, 11 - 12 gauge smooth steel treads, 11-3/4" square steel balusters, and a coil of 1-1/4" Black vinyl handrail, 36" tall landing rail with 3/4" balusters, and all necessary fasteners and instructions.

**All Wood Spiral Kit:**
Standard Wood Spiral Kit includes center column, baseplate, (11) 1-1/4" wood treads, (12) 1-1/4" square wood balusters, solid oak handrail 1-1/2" x 2", with all fasteners and instructions needed to assemble the stair. The wood spiral can be assembled around a twelve solid oak column. The red oak treads are mortised and screwed into the center column. The balusters are attached to the end of the tread, and bolted into the fine curved top handrail. After assembly, the solid oak spiral stair kit looks like a fine piece of furniture.

**Heavy Duty Kit:**
Standard Heavy Duty Kit includes a 3-1/2" OD center column, heavy duty 1/4" baseplate, (11) 3/16" steel treads, (12) 3/4" solid steel balusters, with a machined bottom and milled top countersunk holes for attachment to the 1-1/2" Round Steel Handrail, continuous sleeve tread hubs, complete with fasteners and instructions for installation of the stair.

**UBC And BOCA CODES** requires a minimum of a 60" diameter with 30° treads and a 4 inch baluster spacing. Before ordering, check with your local building inspector for your code requirements.
### Standard Kits

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Steel Model#</th>
<th>Weight (lb.)</th>
<th>Aluminum Model#</th>
<th>Weight (lb.)</th>
<th>Tread Size</th>
<th>Landing Size</th>
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</thead>
<tbody>
<tr>
<td>40&quot;</td>
<td>40-SKD</td>
<td>270</td>
<td>40-AKD</td>
<td>135</td>
<td>18&quot;</td>
<td>21&quot;</td>
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<tr>
<td>48&quot;</td>
<td>48-SKD</td>
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<td>48-AKD</td>
<td>146</td>
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<td>52&quot;</td>
<td>52-SKD</td>
<td>300</td>
<td>52-AKD</td>
<td>153</td>
<td>24&quot;</td>
<td>27&quot;</td>
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<td>60&quot;</td>
<td>60-SKD</td>
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<td>60-AKD</td>
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<tr>
<td>64&quot;</td>
<td>64-SKD</td>
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<td>64-AKD</td>
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<td>30&quot;</td>
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<tr>
<td>72&quot;</td>
<td>72-SKD</td>
<td>360</td>
<td>72-AKD</td>
<td>190</td>
<td>34&quot;</td>
<td>37&quot;</td>
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### Wood Kits

<table>
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<tr>
<th>Diameter</th>
<th>Wood Model#</th>
<th>Weight (lb.)</th>
<th>Tread Size</th>
<th>Landing Size</th>
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<tr>
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<td>40-WKD</td>
<td>202</td>
<td>18&quot;</td>
<td>21&quot;</td>
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<td>72&quot;</td>
<td>72-WKD</td>
<td>347</td>
<td>34&quot;</td>
<td>37&quot;</td>
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### Heavy Duty Kits

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Steel Model#</th>
<th>Weight (lb.)</th>
<th>Aluminum Model#</th>
<th>Weight (lb.)</th>
<th>Tread Size</th>
<th>Landing Size</th>
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</thead>
<tbody>
<tr>
<td>40&quot;</td>
<td>40-SKD-HD</td>
<td>403</td>
<td>40-AKD-HD</td>
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<td>48&quot;</td>
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<td>72-AKD-HD</td>
<td>275</td>
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</table>

### Code

BOCA and UBC codes require a minimum 60" diameter (64" wood) with 30° treads and a 4 inch baluster spacing. Before ordering, check with your local building inspector for your code requirements.

### Table of Risers

<table>
<thead>
<tr>
<th>Finish Floor Height</th>
<th>Number of Steps 30&quot;</th>
<th>Degree of Circle</th>
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</thead>
<tbody>
<tr>
<td>85&quot; to 95&quot;</td>
<td>9</td>
<td>270°</td>
</tr>
<tr>
<td>96&quot; to 104&quot;</td>
<td>10</td>
<td>300°</td>
</tr>
<tr>
<td>105&quot; to 114&quot;</td>
<td>11</td>
<td>330°</td>
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<tr>
<td>115&quot; to 123&quot;</td>
<td>12</td>
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<td>124&quot; to 133&quot;</td>
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<td>134&quot; to 142&quot;</td>
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<td>143&quot; to 152&quot;</td>
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<td>153&quot; to 161&quot;</td>
<td>16</td>
<td>480°</td>
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<tr>
<td>162&quot; to 171&quot;</td>
<td>17</td>
<td>510°</td>
</tr>
<tr>
<td>172&quot; to 180&quot;</td>
<td>18</td>
<td>540°</td>
</tr>
</tbody>
</table>

### Layout

12 Treads per circle. Make opening 2" larger than stair diameter. 11 Treads are standard.
**Spiral Kit Options**

**Handrails**

- 1-1/4" Round
  - Steel
  - Aluminum
  - Brass

- 1-1/2" Round
  - Steel
  - Aluminum
  - Brass

- 1-1/2" x 2" Square
  - Solid Wood
  - Oak
  - Specify

- 2" Round
  - Solid Wood
  - Oak
  - Specify

**Balusters**

- 3/4" Center
  - Square or Round
  - Steel
  - Aluminum
  - Brass

- 3/4" Center
  - 4" Spacing
  - Steel
  - Aluminum
  - Brass

- 3/4" Center
  - With Collar
  - Steel
  - Aluminum
  - Brass

- 3/4" Center
  - Spiral
  - Steel

- 3/4" Center
  - With Ornate Design
  - Steel
  - Aluminum
  - Brass

**Treads**

- Checker Plate
- Bar Grating
- Filigree Pattern
- Oak
- Radial Grating
- Traditional Pattern

- Continuous Sleeves
- Each Tread Sleeve
- Cut out to Exact Height
- *Metal Ends Closed*
Spiral Kit Options

Options:
Galvanizing
All Woods
Wood Handrail
Wood Balusters
Any Diameter
Any Height
Closed Ends
Well Rail

Specifications:
Furnish spiral stairway as manufactured by Stairways Inc., 4166 Pinemont, Houston, Texas 77018 (1-800-231-0793). Stairway shall be shipped disassembled.

Model Number ___________________, Diameter _____________", Elevation ______________" finish floor to finish floor,
Direction from bottom up ________________, Tread - standard or ____________________, Handrail - Standard or ____________________,
Balusters - standard or ____________________, Landing - standard or ________________, Landing Rail __________, Balcony Rail __________.
All Steel material painted over a chemically cleaned surface with balcony rail opening dimensions will be needed.
Availability, Cost

We welcome the opportunity to serve you as stair specialists on your next project that demands quality. Please call us to receive a detailed brochure, pricing for your custom stair installation job or additional information not provided in this catalog. Each stair is shipped complete and as fast as possible.

Code Acceptability

We will design and manufacture stairs to meet any job specifications. It is the customer’s complete responsibility to notify us of building codes or special requirements.

Visit Our Showroom Stair Display

STAIRWAYS INC.
4166 Pinemont
Houston, Texas 77018
(713) 680-3110 FAX (713) 680-2571
Outside Houston Toll Free 1-800-231-0793

Member NAAMM NOMMA