



*Artistic Stairs Inc.*

# SPIRAL STAIR BROCHURE



Artistic Stairs Inc.  
17320-108 Ave  
Edmonton, Alberta

Phone#: 780-489-5591  
Fax #: 780-489-4994



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## EXTERIOR SPIRAL STAIRS



### **D100 - E** **EXTERIOR SPIRAL**

Material:  
Aluminum

Handrail:  
D100 – Standard Handrail

Balusters:  
10110 – Square  
\* ½" Used on Treads  
\* 1" Used at Back of Each  
Tread

Treads:  
Checker Plate



Center Column Finial:  
Painted Cap



Riser Style:  
None

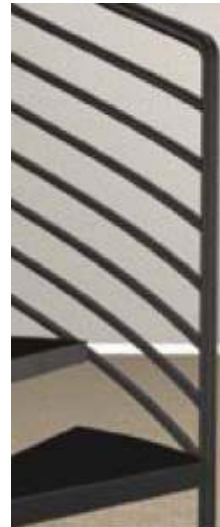
Finish:  
Powder Coat BLACK SATIN  
\*\* White is available for an  
additional charge

SEE YOUR SALES  
REPRESENTATIVE FOR  
ADDITIONAL CUSTOM OPTIONS



*Artistic Stairs Inc.*

## EXTERIOR SPIRAL STAIRS



### **D154** **EXTERIOR SPIRAL**

Material:  
Aluminum

Handrail:  
D224C – Round Tube

Balusters:  
Round Horizontal Tubes  
Joined to Vertical Round  
Tubes

Treads:  
Checker Plate



Center Column Finial:  
Painted Cap



Riser Style:  
None

Finish:  
Powder Coat BLACK SATIN  
\*\* White is available for an  
additional charge

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## EXTERIOR SPIRAL STAIRS



### D450

#### EXTERIOR SPIRAL

Material:  
Aluminum

Handrail:  
D224C – Round Tube

Balusters:  
Wire Mesh (approx. 2"  
opening size) Joined to  
Vertical Round Tubes

Treads:  
Checker Plate



Center Column Finial:  
Painted Cap



Riser Style:  
None

Finish:  
Powder Coat BLACK SATIN  
\*\* White is available for an  
additional charge

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## INTERIOR SPIRAL STAIRS



### **D100 - I** **INTERIOR SPIRAL**

Material:  
Steel

Handrail:  
D100 – Standard Handrail

Balusters:  
10110 – Square  
\* ½" Used on Treads  
\* 1" Used at Back of Each  
Tread

Treads:  
See "Interior Spiral  
Options" Page for  
Selection Options

Center Column Finial:  
Painted Cap



Riser Style:  
None

Finish:  
Powder Coat BLACK SATIN  
\*\* White is available for an  
additional charge

\*\* See "Interior Spiral  
Options" Page for  
Additional Selection  
Options \*\*





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## INTERIOR SPIRAL STAIRS



### **D224** **INTERIOR SPIRAL**

Material:  
Steel

Handrail:  
D224C – Round Tube

Balusters:  
10190 – Round Tube  
\* ½" Used on Treads  
\* 1" Used at Back of Each  
Tread

Treads:  
See "Interior Spiral  
Options" Page for  
Selection Options

Center Column Finial:  
Painted Cap



Riser Style:  
None

Finish:  
Powder Coat BLACK SATIN  
\*\* White is available for an  
additional charge

\*\* See "Interior Spiral  
Options" Page for  
Additional Selection  
Options \*\*





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# INTERIOR SPIRAL OPTIONS

## HANDRAIL OPTIONS

CHANGE TO WOOD HANDRAIL:



6600



R10515

## TREAD OPTIONS



Carpet Grade

*\*\*Carpet Supplied & Installed by Others.*



Checker Plate



Hardwood



For Wood Handrail and Treads, the Following Wood Types are Available:

Red Oak  
White Oak  
Hard Maple  
Hickory

Beech  
Brazilian Cherry  
Walnut



*Optional Selections Vary in Price, See Your Sales Representative for a Quote*

Example Pictures of Spiral Stair with Wood Handrail, Hardwood Treads and White Powder Coat. Shown with Round Balusters – From Design: D224



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## SPIRAL STAIRS - INSTALLATION

THESE INSTALLATION INSTRUCTIONS ARE MEANT AS A GUIDELINE. YOUR SITE CONDITIONS MAY DICTATE VARIATIONS TO THESE INSTRUCTIONS.

**STEP 1 – POSITION TREAD** – Position bottom tread and place center column in tread sleeve. Lower remaining treads onto the column and attach to the tread below it. Install (2) 5/16" – 18 Bolts through the end of the tread; only finger tighten at this time. NOTE: treads are numbered from top down. It is easier to install the treads on the column from the corner of the second floor opening.

**STEP 2 – FASTEN PLATFORM** – Place the platform over the center column and fasten to the floor opening. Position the treads and column into the final position. NOTE: Use 4" bolts with washers and nuts if the floor joists are exposed, these are supplied. For other floor systems, you should select and supply an appropriate faster, for example: lag bolts if the floor / ceiling is closed

**STEP 3 – PLUMB & SECURE COLUMN** – Level base plates with shims if the floor is uneven. Plumb center column. Fasten the bottom tread to the floor using fasteners selected by you for your system

**STEP 4 – LOWER HANDRAIL** – Lower the bottom section of the handrail onto the main balusters. Lower successive sections of the handrail into place. NOTE: a wood block and hammer may be needed to seat the handrail sleeves onto the balusters

**STEP 4A – WOOD HANDRAIL OPTION** – Assemble the handrail onto the main balusters starting from the bottom. While mounting the top section of the handrail, glue the two sections and connect with hanger bolt. Install the star nut assembly through the 1" access hole and tighten with a hammer and flathead screwdriver.

**STEP 5 – FASTEN TREADS** – Tighten the Tread Fasteners.

**STEP 6 – FASTEN METAL HANDRAIL SECTIONS** – fasten the handrail sections to each other and to the main balusters using 1/4" x 1/2" round head screws and lock washers.

**STEP 7 – INJECT SILICONE** – For stairs with mid balusters sockets, inject clear silicone into the sockets. Place mid baluster in socket and fasten to the associated tread

**STEP 8 – INSERT MID BALUSTER** – into handrail socket. When applicable, place spacer on baluster stub between baluster and tread. Fasten baluster with 10-24 flange nut.

**STEP 9 – ALIGN THE WOOD TREAD COVER** – with the tread cover frame and touching the baluster. Using #9x1" buglehead "grippit" screw after drilling a 7/64" diameter pilot hole.

**STEP 10 – LOWER THE PLATFORM COVER** – onto the platform frame so the cover is flush with the edges of the frame. Use 9 #8x1" wood screws to mount the platform frame

**STEP 11 – INSTALL LEVEL RAIL PANEL** – into place. Drill a 3/8" diameter hole in the support baluster for the spacers and hardware for assemble. Mount to the wall support (hardware selected by you)

