

**Open and unfold  
at the touch  
of a button!**

# Automatic Super Simplex Folding Stairway

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Super Simplex  
Folding Stairway**

Precision Stairways patented folding stairway can be configured for ceiling heights up to 15'. This new generation of stairway shares the following characteristics with the original Super Simplex Disappearing Stairway:

- 500 lbs load rating
- Actual shear of rivets tested to 1175 lbs
- Steel frame
- Extruded aluminum treads and siderails
- 5 3/16" x 16 1/2" clear tread area
- Can be used for either attic or roof access (limited)
- Fire rating not available



## **Features unique to the Automatic Super Simplex:**

- Can be operated from above or below
- Operated via wireless wall-mounted keypad
- Powerful 24v DC motor provides ultra-quiet operation, along with variable speed, smooth start and smooth stop
- Motor has an enclosed gear case which provides continuous lubrication and protection for longer life and smoother operation
- No special wiring required, runs on 120 volt, 30 amp circuit
- Evercharge stand-by power system will allow stair to be operated for up to 10 full cycles within a 24 hour period in the event of a power outage.



**MADE IN THE USA  
SINCE 1942**



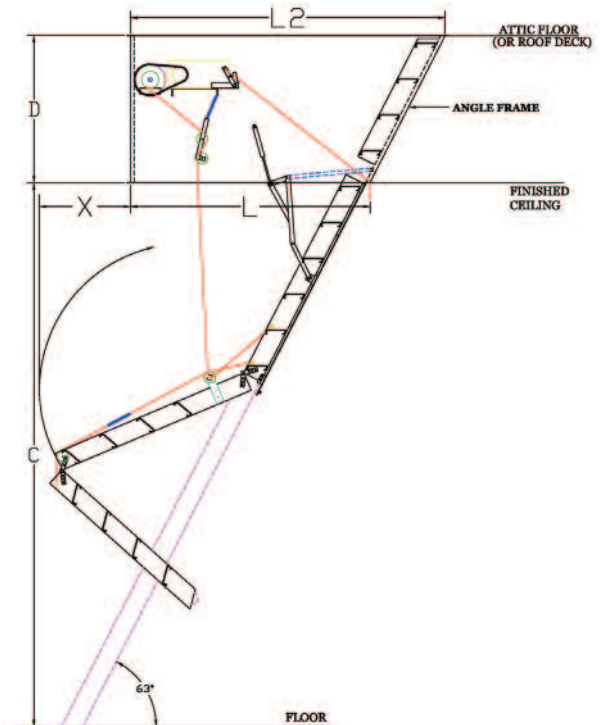
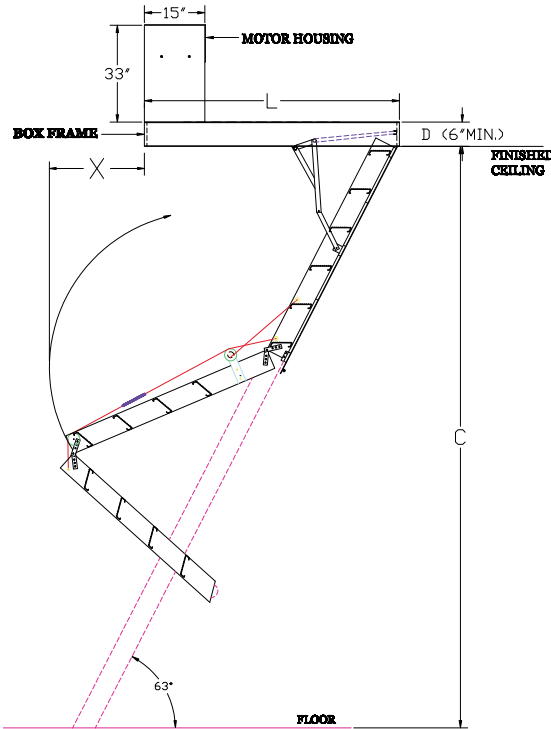
Precision Stairways • P.O. Box 2279 • Morristown, TN 37816  
Phone: (800) 225-7814 or (423) 586-2265 • Fax: (423) 586-2091  
email: [info@precisionstairways.com](mailto:info@precisionstairways.com) [www.precisionstairways.com](http://www.precisionstairways.com)



# Automatic Super Simplex Folding Stairway

## Details

- ❖ Custom made for ceiling heights from 8' 0" to 13' 6". \*
- ❖ 2 types of frames are available:
  - Box Frame (90° both ends) must be used when 'D' dimension is less than 12"
  - Angle Frame (63° on hinge end, 90° on the other) is standard when 'D' is 12" or greater. Angle frame has built-in treads on the hinge end of the frame to allow a continuous 63° climb. Maximum depth for deep box frame is 60".
- ❖ Aluminum door.
- ❖ When used for roof access (roof hatch factory-mounted to frame), a minimum 'D' of 39" is required.
  - \* Ceiling heights of 13' 7" to 15' 0" are available. These stairs will still automatically open the door panel, but must be manually unfolded.



## Required Information

1. Floor to ceiling height ('C')
2. Distance from finished ceiling to floor above ('D').  
If 'D' is less than 12", only a box frame can be used and only Chart 1 is needed. If 'D' is 12" or more and an angle frame is used, Chart 2 is needed to determine rough opening length at upper level.

CHART 1

C (CEILING HEIGHT)	X (CLEARANCE)	L	Rough Opening in ceiling	*Rough Opening in floor above
8' 0" to 9' 9"	42	53 1/4"	30" x 54"	30" x L2 + 3/4"
9' 10" to 10' 11"	46	63 1/4"	30" x 64"	30" x L2 + 3/4"
11' 0" to 12' 0"	50	63 1/4"	30" x 64"	30" x L2 + 3/4"
12' 1" to 13' 6"	60	71 1/4"	30" x 72"	30" x 72"
13' 7" to 16' 0"	Available in auto-open, manual unfold only - consult factory			

CHART 2

D	L2	D	L2
13"	L + 6 5/8"	31"	L + 15 13/16"
14"	L + 7 1/8"	32"	L + 16 5/16"
15"	L + 7 5/8"	33"	L + 16 13/16"
16"	L + 8 1/8"	34"	L + 17 5/16"
17"	L + 8 11/16"	35"	L + 17 13/16"
18"	L + 9 3/16"	36"	L + 18 5/16"
19"	L + 9 11/16"	37"	L + 18 7/8"
20"	L + 10 3/16"	38"	L + 19 3/8"
21"	L + 10 11/16"	39"	L + 19 7/8"
22"	L + 11 3/16"	40"	L + 20 3/8"
23"	L + 11 3/4"	41"	L + 20 7/8"
24"	L + 12 1/4"	42"	L + 21 3/8"
25"	L + 12 3/4"	43"	L + 21 15/16"
26"	L + 13 1/4"	44"	L + 22 7/16"
27"	L + 13 3/4"	45"	L + 22 15/16"
28"	L + 14 1/4"	46"	L + 23 7/16"
29"	L + 14 3/4"	47"	L + 23 15/16"
30"	L + 15 5/16"	48"	L + 24 7/16"

\* If box frame is used, this dimension is the same as the ceiling opening.

Phone: (800) 225-7814 • Fax: (423) 586-2091  
 CAD, REVIT, & Specification files available for download

See Website for calculators

www.precisionstairways.com

Consult factory for custom stairways

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