

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

Automatic Super Simplex Folding Stairway

Precision Ladders' 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



**Automatic
Super Simplex
Folding Stairway**

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**



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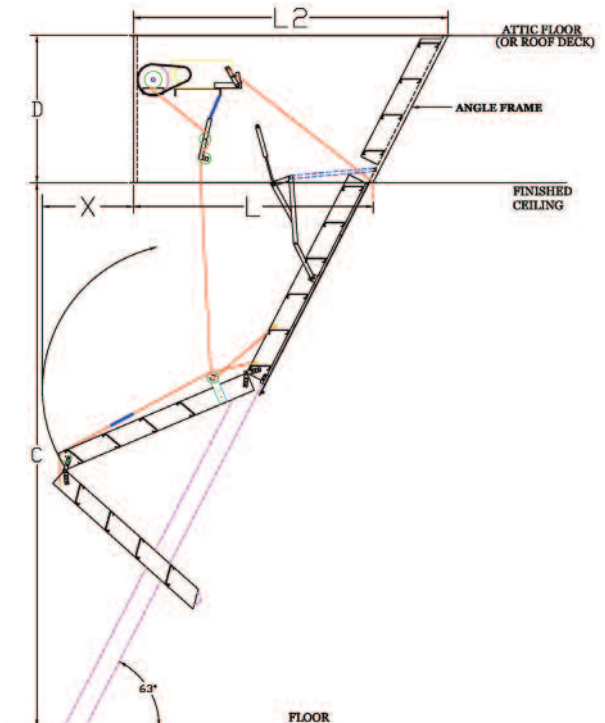
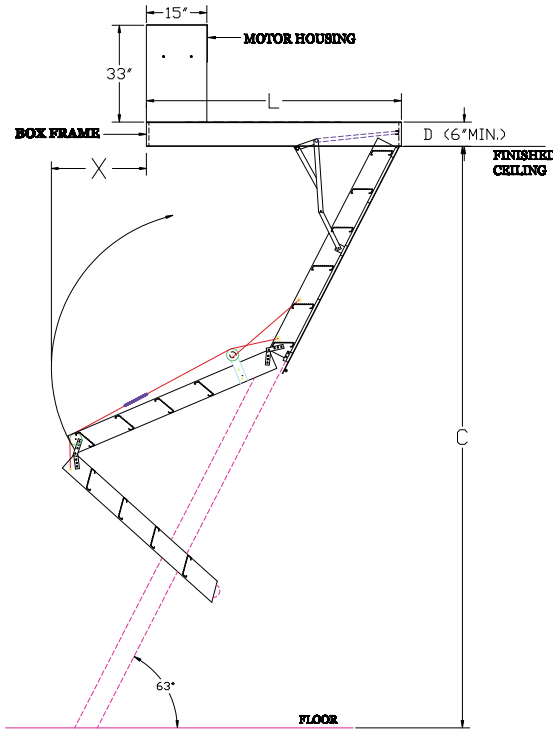


Automatic Super Simplex Folding Stairway

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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			

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

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"

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CAD, REVIT, & Specification files available for download

www.precisionladders.com

Consult factory for custom stairways

See Website for
calculators