

# Little Giant<sup>®</sup>

Ladder Systems

## SkyScraper

TYPE IA 300 LBS RATED

### USER INSTRUCTIONS

Thank you for purchasing the SkyScraper by Little Giant. When used correctly, we believe the SkyScraper is the safest telescoping A-Frame ladder in the world. Little Giant Ladder Systems subjects each ladder to comprehensive testing for safety in design and construction, so you can trust it in all the work you do. In addition, the SkyScraper meets or exceeds all OSHA and ANSI safety standards.

Please read and follow the instructions! Make the most of your ladder system by learning how to use it safely. If you have any questions about how to operate your SkyScraper please call us. We value our customers, and we're happy to help.

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NON-CONDUCTIVE  
FIBERGLASS



AEROSPACE-GRADE  
ALUMINUM



For additional safety training visit [www.laddersafety.org](http://www.laddersafety.org)



#### Register Your Warranty

For detailed information on the SkyScraper warranty, please visit [www.LittleGiantLadders.com](http://www.LittleGiantLadders.com).

It only takes a moment to protect your investment, so don't forget to register your SkyScraper warranty through one of three methods:

1. Go online at [www.LittleGiantLadders.com](http://www.LittleGiantLadders.com).
2. Call Little Giant Ladder Systems at 800-453-1192.
3. Return the Little Giant Ladder Systems warranty card by mail.

Customer Service: 800-453-1192

Little Giant Ladder Systems • 1198 N. Spring Creek Place • Springville, UT 84663

## Operating instructions for Little Giant® SkyScraper Telescoping A-Frame ladder.

### I. Description - SkyScraper Telescoping A-Frame Ladder

A. The ladder is a telescoping A-Frame unit comprised of three basic components: an inner ladder unit, and two telescoping outer units.

1. The inner ladder unit has a locking center hinge, which allows the unit to be opened in the A-Frame or staircase position, as shown in picture A-1 and A-2 or closed in the storage position.

- a. A-Frame (See Figure A-1)
- b. Staircase (See Figure A-2)

2. The Lock Tabs on the two outer units of the ladder permit the outer telescoping sections of the ladder to be adjusted in length. The four Lock Tabs fit in any rung of the inner ladder, allowing foot by foot adjustment on either side of the ladder.



Figure A-1 A-Frame



Figure A-2 Staircase

### B. Model Specifications Table

Model No.	Stepladder Height	Storage Height
SkyScraper 13'	7' to 13'	7'-8"
SkyScraper 15'	8' to 15'	8'-8"
SkyScraper 17'	9' to 17'	9'-8"
SkyScraper 21'	11' to 21'	11'-8"

1. There are slip-resistant aluminum rungs on both inner and outer units.
2. Both inner and outer units are finished with slip-resistant feet.

**CAUTION:** INSPECT UPON RECEIPT AND BEFORE EACH USE. NEVER USE A DAMAGED OR BROKEN LADDER.



Figure A-3  
LOCKED



Figure A-4  
UNLOCKED



Figure A-5  
SIDEVIEW

### II. The Little Giant® SkyScraper Telescoping A-Frame Ladder has two mechanical component parts:

A. HINGE LOCKS: The hinge locks are located at the top of the ladder.

1. Unlock the hinge by pushing straight in on the palm button until it stays in the open position on both hinges (See figures A-3, A-4, and A-5).

a. **NOTE:** If there is pressure on the hinge lock pins it will make it difficult to unlock the hinge. To relieve pressure simply jiggle one half of the ladder back and forth until hinge lock pins move without force.

b. **NOTE:** DO NOT FORCE HINGE LOCK with the use of any tools as it will cause permanent damage to the hinge mechanism. It should never require more than light pressure to unlock the hinge if the holes are properly aligned.

2. You may now open the ladder to the A-Frame position by pulling the two ladder halves apart until both hinge lock pins snap into the A-Frame locked position. (See figure A-1)

**CAUTION:** THE TWO HINGE LOCKS AND FOUR LOCK TABS MUST BE FULLY ENGAGED BEFORE USING LADDER.

3. To restore the ladder to the storage position, disengage the hinge locks in the A-Frame position and return the ladder to its storage position.

B. LOCK TABS: There are four Lock Tabs on the ladder. These permit you to change the height of the ladder (See figure B-1).



Figure B-1 Lock Tab Assemblies

### III. Adjusting the height of the ladder for use in the A-Frame position.

**WARNING:** DO NOT USE LADDER WITH DAMAGED OR REMOVED SAFETY STRAPS. FAILURE TO HEED WARNING MAY RESULT IN INJURY.

#### A. Safety straps are only on the aluminum SkyScraper models.

1. With the ladder in the closed storage position; lay the ladder flat on an unobstructed surface. (See figure C-1)
2. Pull the two top Lock Tabs out of the rung holes of the inner ladder and rest them on the side of the outer ladder rail. (See figures C-2 and C-3)
3. Telescope the top outer unit to desired length. (See figure C-4)
4. Return the two Lock Tabs back into the rung holes of the inner ladder sections. Check to make sure they are fully engaged. (See figure C-2)
5. Flip the ladder over and place the extended outer unit on flat surface. (See figure C-5)

**WARNING**  
ENGAGE ALL FOUR LOCK TABS INTO THE RUNGS TUBES OF THE INNER LADDER BEFORE CLIMBING

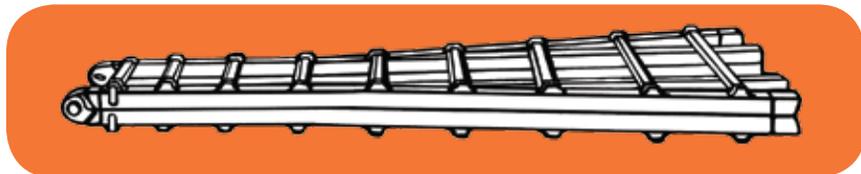


Figure C-1

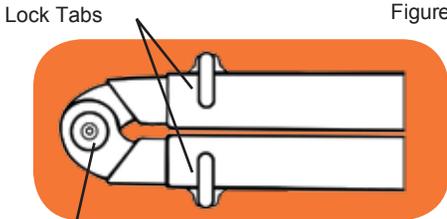


Figure C-2

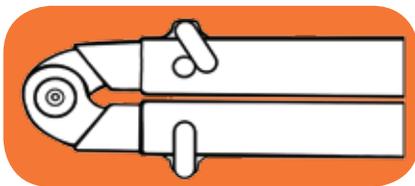


Figure C-3

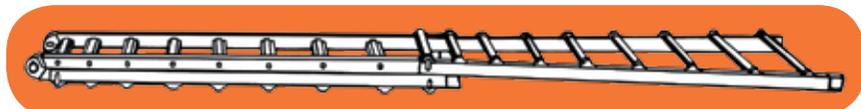


Figure C-4



Figure C-5

6. Repeat steps 2 through 4.

7. To raise the ladder, unlock the hinge locks, brace the feet against the wall and walk the ladder (rung by rung) to a vertical position. (See figures C-6 and C-7)

8. Open the ladder to the A-frame configuration by pulling the ladder halves apart until the hinges lock into place.

**CAUTION:** HEED THE WARNING ABOVE EACH LOCK ASSEMBLY.

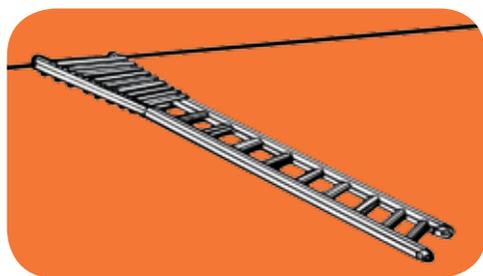


Figure C-6



Figure C-7

9. To return the ladder to storage position:

- a. In the A-Frame position tip ladder to the side and lower to a flat surface.
- b. Unlock both hinges and bring the ladder halves together.
- c. Rotate the ladder and place it flat on surface.
- d. Reverse the procedures of steps C-1 through C-5.



Figure D-1

#### B. Adjusting the ladder in the staircase position.

1. Adjust the ladder to desired height. (See steps C-1 through C-5)

2. Then adjust the desired side for proper alignment to fit the staircase (See figure D-1).