

# LADDER JACKS

Part #: 2420; 2420P; 2422; 2430; 2431; 2432



## Instructions



Part # 2420



Part # 2430

✖ Do not throw instructions away.

⚠ Read and understand instructions before using this equipment.

### Ladder Requirements

⚠ **WARNING** Failure to read and follow instructions on the use of this product could result in serious personal injury. This product must be used in strict compliance with Local, State and federal OSHA regulations. Be safety conscious.

⚠ **WARNING** Do not use with wood ladders.

⚠ **WARNING!** Inspect ladder jack before each use, if parts are bent, cracked, or damaged immediately remove from use.

⚠ **NOTE** Use on Industrial grade, 250 lb (113 kg) rated Type 1 or 300 lb (136 kg) rated Type 1A ladder aluminum or Fiberglass ladders.

⚠ **NOTE** Set up single or multi-section ladder at 75 ½ degrees by placing bottom of ladder ¼ of the height being used out from vertical resting point.

### Weight Capacity

■ Maximum user weight (including all clothing, tools, and equipment) is:

460 lb (208 kg) per 8 ft of scaffolding

### Maintenance, Cleaning, and Storage

Cleaning after use is important for maintaining the safety and longevity of the system. Remove all dirt, corrosives, and contaminants from the kit before and after each use. If kit cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean kit with corrosive substances.

When not in use or during transport, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

Part #	Description	Weight
2420	Two Rung Short Body	4.5 lb (2 kg)
2430	Three Rung Long Body	5.5 lb (2.5 kg)

## Installation and Use:

### Setting the Ladder

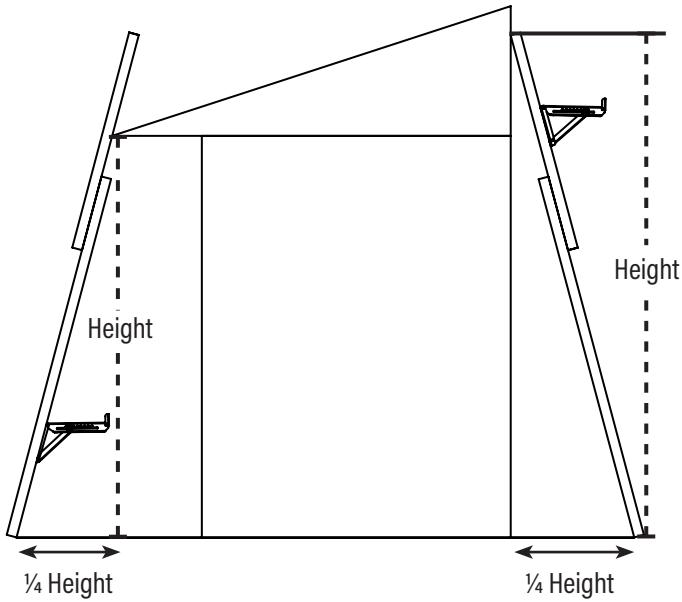
- ⚠ **WARNING!** Metal conducts electricity. Keep metal ladder and ladder jacks away from electrical circuits. Acid damages aluminum. Never use a ladder when using acid. Failure to follow these guidelines could result in injury or death.
- ⚠ No more than two workers per ladder jack scaffold.
- ⚠ Only use one set of ladder jacks between any two ladders. Only install one ladder jack per ladder.
- ⚠ Do not overload - do not exceed 230 lb (104,3 kg) load on one ladder jack or ladder. Overloading could cause injury.
- ⚠ Do not step or stand on plank retaining tab.

#### Step 1

Ensure that both ladder feet are secured firmly at ground level. The top section of both ladders should rest flat against the building. The feet of each ladder should be set into the ground 3 in - 4 in (76,2 mm - 127 mm). If working on a solid base, the ladder should be equipped with proper cleats.

#### Step 2

Tie down the top of the ladder to prevent slipping. Ladder must be erected at a pitch of 75 ½ degrees, in accordance with ladder safety standards, the distance between the ladder base and the vertical wall is one-quarter the working length of the ladder.



### Attaching the Ladder Jacks

- ⚠ **NOTE** This ladder jack can be installed both on the inside or the outer side of the ladder depending on the distance between the ladder and the work wall.
- ⚠ Test all working parts and make sure all nuts & bolts are tight before each use. Do not substitute parts.
- ⚠ Install ladder jack so that the rung support arms seat fully onto the ladder rungs.
- ⚠ Do not use if ladder jack top rung support opening is over 2 ¼ in (57 mm).

#### Step 1

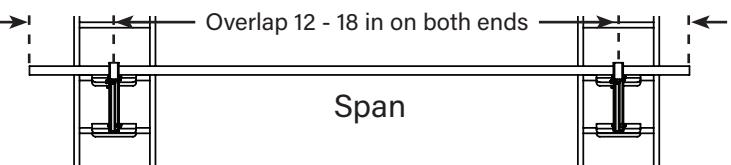
Install ladder jack so that rung support arms seat fully onto ladder rungs.

#### Step 2

Adjust support arm so arm is parallel to ground creating a level platform.

#### Step 3

Securely tighten the wing nut to prevent slippage during use.



### Setting the Platforms

- ⚠ Do not use ladder jack scaffolding beyond a height of 20 ft (6 m) (16 ft (4,8 m) in California) above the floor or ground. Failure to do so could cause injury.
- ⚠ Always use a Personal Fall Arrest System (PFAS) when working height exceeds 6 ft (1,8 m) above the ground.
- ⚠ When using wooden walk planks the distance between ladders shall not exceed 8 ft (2,4 m). The maximum plank length is 10 ft (3 m).
- ⚠ Use clear straight-grained scaffold grade lumber. Planking should not be less than 2 in x 10 in (50,8 mm x 254 mm) thickness. Always use two planks to fully deck the platform arms (18 in (0,45 m) minimum width).
- ⚠ Do not use extension planks on ladder jack scaffolds.

#### Step 1

Adjust ladder jack so that walk plank is horizontal. Be sure that the scaffold plank is supported at least 12 in, but not more than 18 in (0,45 m) from each end and is securely placed in order to prevent slipping.