

# STURDY

L A D D E R I N C .

4209 – 17A STREET SE  
CALGARY, AB, T2G 3X1  
TEL: (403) 264-2934  
FAX: (403) 264-2998  
e-mail: info@sturdyladder.com

## **STURDY PUMP JACK SYSTEM SET-UP INSTRUCTIONS & IMPORTANT MANUFACTURER SAFETY REQUIREMENTS**

**Entire System must be assembled at ground level before jacking up.**

### **GENERAL NOTE:**

Sturdy Pump Jack Systems shall be erected and dismantled by a competent person only, who shall:

- a) Inspect the pole for straightness prior to each use;
- b) Inspect the equipment before each use. Damaged or distorted parts shall be discarded immediately or returned to Sturdy Ladder for evaluation;
- c) No makeshift components are to be used with the Sturdy Pump Jack System.

### **INSTRUCTIONS:**

1. Place Alum. Planks with rungs vertically against the wall, in work position desired.
2. Position poles in alignment with appropriate rungs, and/or connecting points of Alum planks. Connect Alum. Planks, centrally securing to pump jack with chains.
3. **a)** Swing pole upward assuring that alum planks will not be farther than 14" from wall.  
**b)** Sturdy Pump Jack System combinations in excess of 24' high requires a rope being employed to hoist the pole.
4. Secure brace to poles. Brace must be secured to structure with screws of 3" type AB screws, or the equivalent in holding power. A minimum of 4 screws must be used with each brace.  
**a)** Up to 24', one roof or wall brace is required;  
**b)** Above 24'in height, intermediate braces are required, with a maximum of 16' vertical brace spacing anywhere on the pole or poles.  
**c)** A competent person shall ascertain that the braces are fastened to solid material having the holding power of 1/2" plywood at least. This equates to a minimum of 5ft. /lbs. of torque on secured brace screw head.

Do not secure braces more than 16' vertically apart when working over a 24' shoulder working height. Poles braced properly may be used to a maximum shoulder working height of 50'.

5. The easiest way to install a brace is first securing the brace to the pole. Then push the pole out to a plumb position. Being vertical is very important. Finally, fasten brace to structure with screws.
6. Passing a brace is accomplished by the worker assuming a prone position on the plank. Both to release and reattach brace, after passing the released brace with the jack. No work load is permitted during this process.
7. Secure planks to pump jacks and benches with chains provided on jacks and benches.
8. For use with SPN series Stage Planks, Safety Net Installation as follows:

a) Net is simply installed by wrapping straps up and over either the plank side rail, or around the round rung of the planks, and using the reverse tension buckle pull tight.

b) Use of the net requires SPN series Aluminum Planks to be used as the back bench, and the walk plank.

9. **Sturdy Pump Jack Systems are compatible and tested with the following systems:**

Alum-A-Pole

Klondike

10. Do not install Alum plank standing platform more than 14" from wall. There shall be no opening greater than 14" anywhere surrounding the working person.
11. Do not stand on the workbench side of erected system.
12. Secure all materials, tools, etc., to workbench.
13. The 806 Safety Net System must be installed at all heights.
14. Chains must be used at all heights.
15. Pump jack pumping handles must be in uppermost position before descending.
16. Do not raise any one pump-jack more than 15 degrees higher than the adjacent pump-jack. This is for erection purposes only. All work must be done on a horizontal plane.
17. All poles shall bear on adequate firm foundations. When working on soil, 2 plates of 1'x1'x3/4" plywood shall be nailed together forming a sill plate. The Pole Mud Cap shall be spiked to the sill plate.
18. Do not extend access ladder more than 36" above standing platform.
19. Always cordon off area below working area, unless there will be absolutely no one at lower levels.
20. If the Sturdy Pump Jack System is used in the absence of a wall, then a four-sided guardrail system must be installed.
21. Do not exceed maximum allowable load of 500 lbs. (consisting of 2-man /400 lbs. and 100 lbs. for box of siding and tools).
22. Never throw or drop any equipment to the ground.
23. Do not work when weather threatens safety.
24. Apply 2-3 drops of 3 in 1 oil or equivalent once a month to bushings on crank assembly on the jack. See label on jack.
25. Sturdy Products are sold with no liability for improper use. Knowledge in the proper use of our system is not implied by purchase. Persons purchasing the Sturdy Pump Jack System must abide by all regulations pertaining to its use.
26. Follow all instructions on each individual product.
27. Follow all local and other government regulations.