

## 7' Stair Unit Start up Installation Guide for ScaffoldExpress.com Stair Towers

1. Position Screw Jacks PSV-134 (Non-Rolling Stair Tower) or Socket Screw Jacks PSV-130 (Rolling Stair Tower) on corners of a 5x7 floor or ground work area. **NOTE: Seek an OSHA Competent Person who recognizes and works around hazards in the work area.**
2. Starter Bar PSV-919B slides over two of the Screw Jacks spaced 5' apart.
3. Insert Spring Clips PSV-113 into Coupling Pins PSV-104; allow rivets on the Spring Clip to pop out of hole.
4. Attach Coupling Pins to the top tube opening of the Scaffold Frame PSV-610B by inserting into the Scaffold Frame. Align the pins so the rivets on Spring Clip pops out of the securing hole on the frame.
5. Scaffold Frame, with attached Coupling Pins, slides over the Screw Jacks with the Starter Bar.
6. Cross Braces PSV-303 attach to the Scaffold Frame.
7. Scaffold Frame, with attached Coupling Pins, slides over the two Screw Jacks at the other end of the 5x7 area.
8. Connect Cross Braces attached to the first Scaffold Frame to the second frame. Fully sliding the tab ends of the braces on the Scaffold Frame studs secures the connection and secures the lower scaffold bay.
9. For the Rolling Stair Tower: Insert 8" Locking Casters PSV-150 into the sockets of the Screw Jacks PSV-130 and secure with Span Pin PSV-111.
10. Lock the brake on the casters (Rolling Stair Tower)
11. Level the tops of the Scaffold Frames and square the alignment to match the selected 5x7 work area.  
**NOTE: Seek an OSHA Competent Person who recognizes and works around hazards in the work area.**
12. Stair Unit PSV-920B landing hooks to the Starter Bar and the upper part of the stair hooks to the top of the opposite Scaffold Frame.
13. Secure the Stair to the Scaffold Frame by inserting the 3-1/2" long Rivet Pin PSV-920RH into the securing holes at the top of the (2) stair hooks and the (2) landing hooks over the Starter Bar. Insert Hitch Pin into the holes at the end of the Rivet Pins.
14. Slide the stair to either the left side or right side and install the Outside and Inside Hand Rails into the stair sockets on the side of the Stair. Secure the handrail tube to the stair unit by tightening the (4) thumbscrews.
15. Repeat Step 4 for building the next level of the stair tower.
16. Secure the second level frames with the lower bay by inserting Toggle Pins (PSV-112) into the lower holes of the stacked frame. They are lined up with the holes on the Coupling Pins of the lower scaffold bay.
17. Repeat steps 6 and 8, as needed, to build the tower.
18. Install and secure Stair Units (steps 12 and 13) as needed, to build the tower.
19. Internal Ledger Bar PSV-917B clamps and connects Scaffold Frame across to Scaffold Frame. Female Posts PSV-530BF install on the welded coupling pins of the Ledger Bar and are linked to each other with upper and mid 5' Tube Rail. Posts are secured to the Ledger Bar Coupling Pins using Toggle Pins PSV-112.
20. Steel Plank install adjacent to the upper stair for the platform.
21. Corner Posts PSV-540B insert into the tube of the Scaffold Frames and are secured with Toggle Pins. They are linked with 5' and 7' upper and mid rails, PSV-502 and PSV-503.