

# Instruction Manual

## Span Scaffolds



www.UpRightScaffoldUSA.com

### ⚠ WARNING ⚠

Before using Instant UpRight Scaffolds, read, understand and follow all Safety Rules, Erection Instructions and Maintenance Rules. Keep this manual for future reference. It contains important safety information! Failure to properly erect, dismantle and use Span Scaffolds may lead to death, injury or property damage. Scaffolds shall be erected, moved and dismantled only by, or under the supervision and direction of, a competent person.

### SAFETY RULES

#### ⚠ DANGER ⚠

**ELECTROCUTION HAZARD.** This is a metal scaffold and its components can conduct electricity. **DO NOT** use near energized electrical circuits. Serious injury or death will result if contact is made.

#### ⚠ WARNING ⚠

**NEVER** use damaged or broken Instant UpRight scaffolds, parts or components.

**NEVER** use improperly erected Instant UpRight scaffolds. (See Erecting Instructions, pages 5-7)

**NEVER** use scaffold components from other manufacturers with Instant UpRight Scaffolds. Intermixing components from different manufacturers could be hazardous.

**ALWAYS** check and be sure the scaffold is level at all times, the leg locks are properly adjusted and locked. (see Figure 1, page 3).

**NEVER** make leg adjustments with anyone or material on the platform.

**ALWAYS** lock all four caster brakes before climbing the scaffold or placing materials on the scaffold platform (see Figure 1, page 3).

**ALWAYS** make sure all locking hooks and pins are firmly in position and latches/pins are properly engaged. Never force locking hooks or pins when they are being installed or removed from the scaffold. (see Figure 4, page 3.)

**ALWAYS** check and make sure that all folding brace locking hinges are properly locked and secure before climbing the scaffold or placing materials on the scaffold platform. (see Figure 2, page 3).

**ALWAYS** check and make sure interlock clips are properly inserted when extension end frames are used (see Figure 3, page 3).

**NEVER** use damaged or broken interlock clips **ALWAYS** use at least two diagonal braces and one horizontal brace properly installed on each weight-bearing section of Single-Width Span Scaffold. Double Width Span Scaffolds require double bracing.

**NEVER** install a horizontal brace at the same level as the intersection of diagonal braces.

**ALWAYS** use (4) four **OUTRIGGERS** if the platform height will exceed three (3) times any minimum base dimension (see Figure 5, page 3). Platform height must never exceed three (3) times the minimum base dimension.

**ALWAYS** install **GUARDRAILS** on single-width scaffolds and on double-width scaffolds. Always check State, Federal and Local Codes and Regulations for additional requirements.

**ALWAYS** install **TOEBOARDS** when platform height is 10ft (3m) and above. Check State and Local Codes and Regulations for additional requirements.

**NEVER** increase platform height with the adjustable legs. Use leg adjustment for leveling the scaffold.

**NEVER** stand on or place materials on the guardrails or use any part of the guardrail to gain extra height.

**NEVER** place ladders chairs, boxes or any other objects on a scaffold platform to gain additional height. When additional height is required, add more scaffold sections.

**NEVER** lean a ladder against a scaffold.

**NEVER** climb or stand on diagonal or horizontal braces.

**NEVER** move a scaffold when any person or materials are on the platform (see OSHA 1910.28 [A5]).

**NEVER** try to pull yourself or the scaffold from one place to another while on the platform. **ALWAYS** climb down from the platform and reposition the scaffold.



## SAFETY RULES

**ALWAYS** ensure the work area is free of hazards such as debris and openings or holes in the surface where the scaffold will be used. Use only a firm level surface capable of supporting the scaffold and its load.

**NEVER** use a scaffold without first inspecting it. Prior to use, every user of an Instant UpRight Scaffold must thoroughly inspect the scaffold prior to use. All required components must function properly and be properly attached as part of a properly erected scaffold. Any incomplete part, missing label, missing part or part that does not fit properly must be replaced prior to use of the scaffold.

**NEVER** use a hammer or other object to strike a component while attempting to erect, disassemble or adjust a scaffold. The components of a properly configured Instant UpRight Scaffold should not require the application of force during the erection or disassembly process. Handle all scaffold parts carefully. Do not throw or drop onto hard surfaces or allow heavy objects to fall onto the scaffold or scaffold components.

**NEVER** exceed the maximum distributed platform capacity of 500 lbs (227 Kg). Maximum distributed load is 25 lbs/ft<sup>2</sup> (122 kg/m<sup>2</sup>) on any platform and 3,000 lbs. (1361 Kg) total on any base section. When adjustable legs are extended the total maximum capacity is 1,600 lbs. (726 Kg.) NEVER allow loose objects to accumulate on the platform during use. Always keep the platform free of all tripping hazards. Make sure the scaffold is free from slippery or hazardous materials such as paint or mud.

**NEVER** leave the scaffold unattended.

**ALWAYS** contact Instant UpRight if you have any questions (see Back Cover). **NEVER TAKE CHANCES.**

## Inspection and Maintenance

After each use, inspect all scaffold components before storage. All damaged or worn parts and labels and parts not working properly must be repaired or replaced. Parts which cannot be restored to properly usable condition must be discarded. Contact Instant Upright if you have any questions.

### Scaffold Maintenance

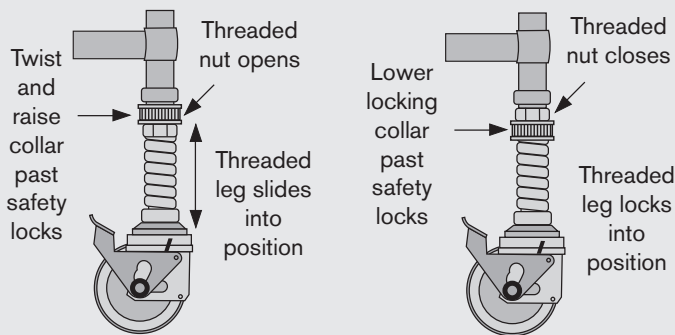
- All Instant UpRight Scaffold parts should fit together easily and work properly. To ensure proper function, keep all scaffold components clean. All parts should be clean and free of any foreign build up. Use soap and water. Do not use caustic cleaner.
- Scaffold end frame adjustable legs and sockets should fit together properly, without interference. Legs and sockets must be kept clean. Lubricate scaffold adjustable legs, end frame socket, brace locking hooks and locking hinges with light machine oil as necessary.
- The inside surface of Brace Hooks and Spring Loaded Pins should fasten in place without forcing or binding. Keep the inside surface of Brace Hooks clean.
- Locking Hinge mechanisms should lock and unlock properly. Keep Locking Hinge mechanisms properly lubricated. (See figure 2, Page 3)
- Adjustable legs must slide freely inside the base frame vertical tubes. Remove any dirt or paint from the threads of the Adjustable Legs. Brush lightly if cleaning is necessary.
- Check all Casters for worn or damaged wheels and missing or damaged snap rings. Wheels should spin freely and bearing races should turn freely and smoothly. Keep casters cleaned and lubricated. Axles bearing races and stems must be lubricated with light machine oil. Damaged casters must be discarded.

Platforms must be checked for loose or missing components, holes or thin spots where wood components may be worn. Worn or damaged wood components must never be used and always be replaced.

## ADJUST LEGS AND LOCK CASTERS

Figure 1: Adjusting Leg and Casters

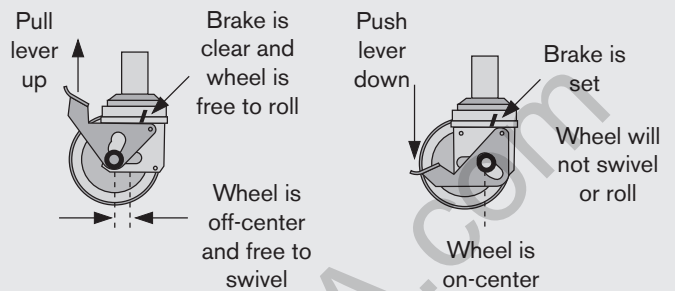
### How to adjust legs



LEG UNLOCKED

LEG LOCKED

### How to lock and unlock casters



CASTER UNLOCKED

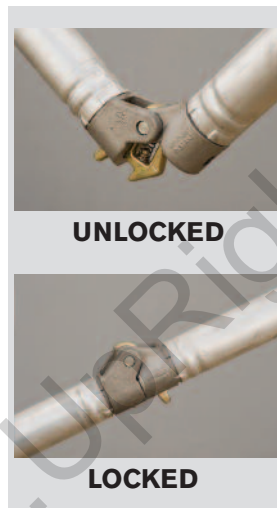
CASTER LOCKED

**Before** climbing any scaffold, make sure it is level and always check to see that all four (4) leg adjustment collars have been pushed all the way down past the safety locks. Never use a scaffold unless the leg adjustment mechanism is in perfect working order.

**Before** climbing any scaffold, always lock all four (4) caster brakes. Never roll the scaffold when anyone is on it. Pushing the single lever down sets the caster brake and moves the wheel to dead center position for maximum scaffold rigidity.

## LOCKING HINGES AND INTERLOCK CLIPS

Make sure spring-actuated latches have moved into full locking position before using the scaffold. Do not use the scaffold if any of the latches are not working properly.

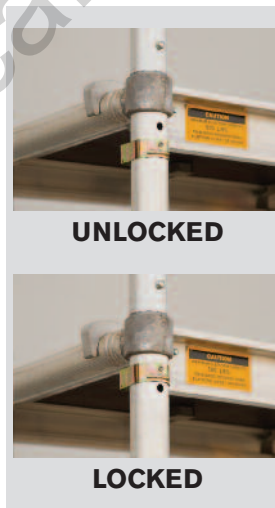


UNLOCKED

LOCKED

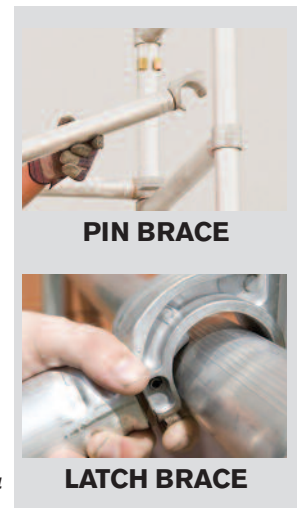
Make sure pin on interlock clips is seated in the locking hole.

Figure 3: Interlock Clips



UNLOCKED

LOCKED



PIN BRACE

LATCH BRACE

## OUTRIGGERS

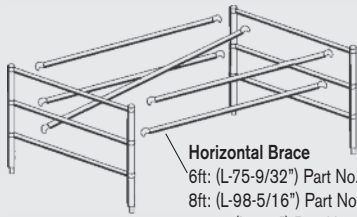


Figure 5: Outriggers

1. Always use outriggers if platform height is more than (3) times any minimum base dimension.
2. For single wide scaffold, outriggers are required for platform heights above the base section 6' 6" (1.98m).
3. For double wide scaffolds, outriggers are required for platform heights above 13' 6" (4.11m).

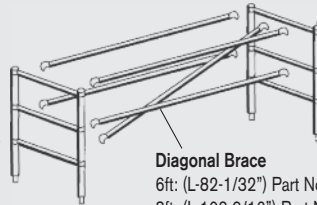
# SCAFFOLD COMPONENTS

## GUARDRAIL



**Guardrail Frame**  
Part No. B470

**Horizontal Brace**  
6ft: (L-75-9/32") Part No. 223  
8ft: (L-98-5/16") Part No. 105  
10ft:1 (L-120") Part No. 221



**Guardrail Frame**  
Part No. B270

**Diagonal Brace**  
6ft: (L-82-1/32") Part No. 364  
8ft: (L-103-9/16") Part No. 365  
10ft: (L-124-11/32") Part No. 210

## HEIGHT EXTENSIONS



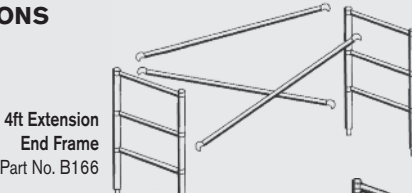
**4ft Extension End Frame**  
Part No. B466



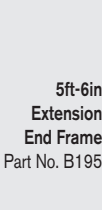
**5ft-6in Extension End Frame**  
Part No. B495



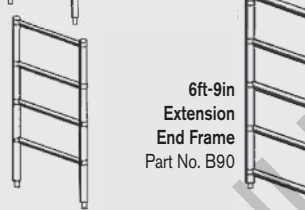
**6ft-9in Extension End Frame**  
Part No. B990



**4ft Extension End Frame**  
Part No. B166

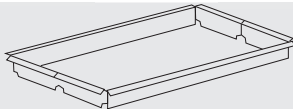


**5ft-6in Extension End Frame**  
Part No. B195



**6ft-9in Extension End Frame**  
Part No. B90

## TOEBOARDS



**Double Width (Wood)**  
6ft: Part No. 9616  
8ft: Part No. 9618  
10ft: Part No. 9620

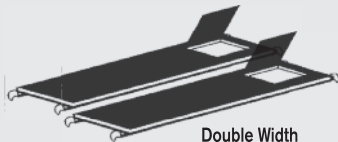
**Double Width (Aluminum)**  
6ft: Part No. 51316  
8ft: Part No. 51318  
10ft: Part No. 51320



**Single Width (Wood)**  
6ft: Part No. 9606  
8ft: Part No. 9608  
10ft: Part No. 9610

**Single Width (Aluminum)**  
6ft: Part No. 51306  
8ft: Part No. 51308  
10ft: Part No. 51310

## PLATFORMS



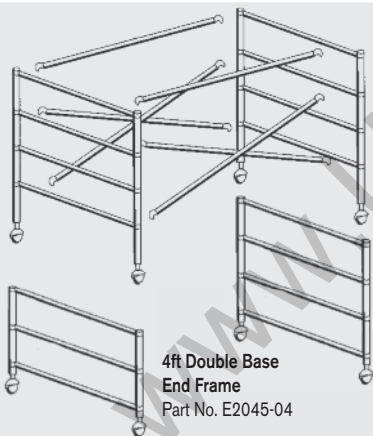
**Double Width**  
2 Required

**Platform Assembly**  
6ft: (L-75-9/32") Part No. 46093  
8ft: (L-98-9/32") Part No. 46094  
10ft: (L-120") Part No. 46095

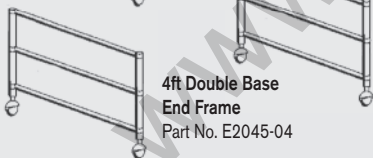


**Single Width**  
1 Required

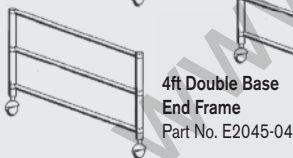
## STANDARD BASE



**6ft-6in Double Base End Frame**  
Part No. B409

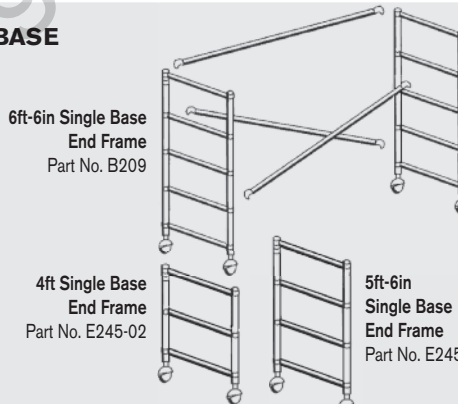


**5ft-6in Double Base End Frame**  
Part No. E2045-03



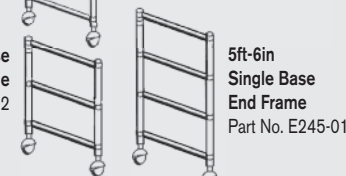
**4ft Double Base End Frame**  
Part No. E2045-04

**Decal Erection Instruction Span Double Width**  
Part No. 1021



**6ft-6in Single Base End Frame**  
Part No. B209

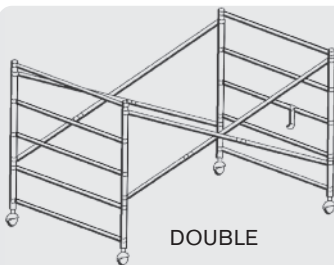
**4ft Single Base End Frame**  
Part No. E245-02



**5ft-6in Single Base End Frame**  
Part No. E245-01

**Decal Erection Instruction Span Single Width**  
Part No. 1048

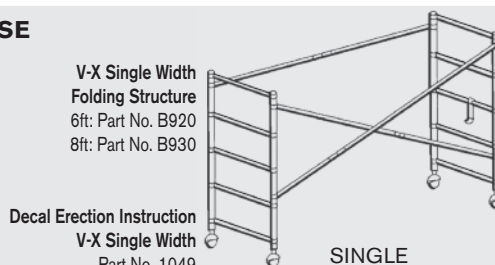
## V-X BASE



**V-X Double Width Folding Structure**  
6ft: Part No. B1061  
8ft: Part No. B1081

DOUBLE

**Decal Erection Instruction V-X Double Width**  
Part No. 1022



**V-X Single Width Folding Structure**  
6ft: Part No. B920  
8ft: Part No. B930

SINGLE

**Decal Erection Instruction V-X Single Width**  
Part No. 1049

## INTERLOCK CLIPS

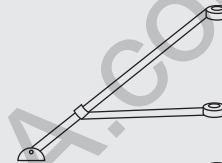


**Interlock Clip**  
Part No. 167-01

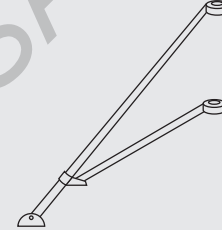


**Long Pin Interlock Clip**  
Part No. 467-01

## OUTRIGGERS



**Adjustable Outrigger**  
Part No. 50430



**Large Adjustable Outrigger**  
Part No. B1490

## CASTERS & BASE PLATES

**Leg Lock Assembly**  
Part No. 125 & 127

**Adjustable Leg Standard**  
Part No. 50517 (L-20")

**Adjustable Leg VX Instant**  
Part No. 206 (L-33")



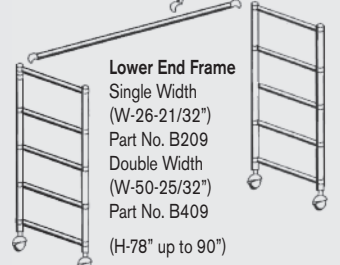
**5in Caster**  
Part No. 5061  
**8in Caster**  
Part No. 9600



**Swivel Base Plate**  
Part No. 50325

## HIGH CLEARANCE SPAN

**High Clearance Platform Assembly**  
6ft: (L-75-9/32") Part No. 40456  
8ft: (L-98-5/16") Part No. 40408  
10ft:1 (L-120") Part No. 41010



**Lower End Frame**  
Single Width (W-26-21/32")  
Part No. B209  
Double Width (W-50-25/32")  
Part No. B409  
(H-78" up to 90")

## ERECTING INSTRUCTIONS - SINGLE WIDTH

### V-X Instant Span Single Width Scaffold - STEP 1



1. Unlock folding base unit.



2. Open outwards.



3. Lock hinging braces (see "Locking hinges" on page 3).



4. Install platform at desired height.

### Standard Span Single Width Scaffold - STEP 1



1. Snap short brace (horizontal) onto vertical tube of lower end frame. This supports the frame during installation of the other braces.



2. Snap long braces (diagonal) in desired position. Horizontal brace must be above or below intersection of diagonal braces.

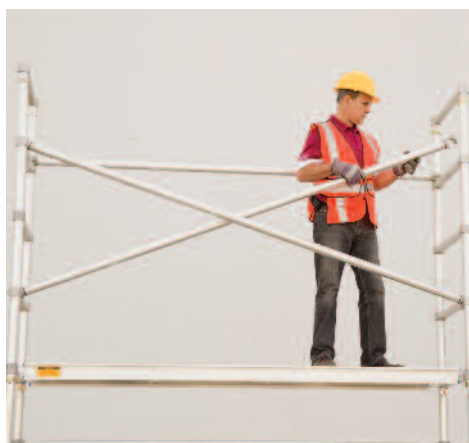


3. Install platform at desired height.

### Single Width Scaffold - STEP 2



1. Lock all casters. Adjust legs to level platform. Insert extension frames. Interlock all frames by moving interlock clips from parking holes up to locking holes (see page 3).



2. Snap horizontal and then diagonal braces in place.



3. Before moving platform higher than 7ft. (2.1m), tie the scaffold into the building or install outrigger on each corner. Make sure each outrigger is wedged against solid pavement and that all couplers are securely fastened.

## ERECTING INSTRUCTIONS - DOUBLE WIDTH

### V-X Instant Span Double Width Scaffold - STEP 1



1. Roll the compact, 9.5in. (24cm) thick package to the place to be used.



2. Release the locking hook which holds the unit together.



3. Roll end frames apart. Lock hinging braces (see page 3).



4. Install platforms.

### Standard Span Double Width Scaffold - STEP 1



1. Snap short brace (horizontal) onto vertical tube of lower end frame.



2. Snap horizontal braces onto vertical tubes of both lower end frames. These support the frames during installation of other braces.



3. Snap four (4) diagonal braces between lower end frames. Be sure horizontal braces are installed above or below the intersection of the diagonals.



4. Install platforms at desired height.

### Double Width Scaffold - STEP 2



1. Lock all (4) four casters. Adjust legs to level platform. Insert extension frames; be sure each set of extensions includes four (4) diagonal braces and two (2) horizontal braces. Interlock all frames by moving interlock clips from parking holes up to locking holes (see page 3).

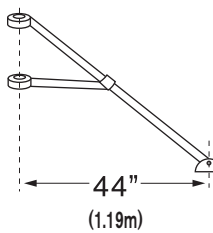
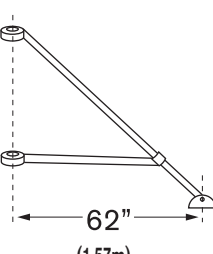


2. Install platforms. Add extension frames, diagonal braces and guardrail frames and braces.



3. Install guardrail frames and toeboards. See page 7 for maximum heights.

## HEIGHT TO BASE RATIO TABLES

	SINGLE WIDTH SPAN				DOUBLE WIDTH SPAN			
	SCAFFOLD	LENGTH	WIDTH	MAXIMUM PLATFORM HEIGHT	SCAFFOLD	LENGTH	WIDTH	MAXIMUM PLATFORM HEIGHT
	WIDTH & LENGTH	WITH STABILIZERS	WITH STABILIZERS		WIDTH & LENGTH	WITH STABILIZERS	WITH STABILIZERS	
<b>B430 ADJUSTABLE OUTRIGGER</b> 	29" x 10' (0.73m x 3.04m)	10' - 0" (3.04m x 0m)	9' - 7" (2.74m x 0.18m)	28' - 6" (8.53m x 0.15m)	4' 6" x 10' (1.37m x 3.04m)	11' - 5" (3.35m x 0.13m)	11' - 5" (3.35m x 0.13m)	34' - 0" (10.36m x 0m)
	29" x 8' (0.73m x 2.44m)	9' - 5" (2.74m x 0.13m)	9' - 5" (2.74m x 0.13m)	28' - 6" (8.53m x 0.15m)	4' 6" x 8' (1.37m x 2.44m)	11' - 0" (3.35m x 0m)	11' - 0" (3.35m x 0m)	32' - 6" (10.36m x 0.15m)
	29" x 6' (0.73m x 1.83m)	9' - 0" (2.74m x 0m)	9' - 0" (2.74m x 0m)	27' - 0" (8.23m x 0m)	4' 6" x 6' (1.37m x 1.83m)	10' - 4" (3.04m x 0.10m)	10' - 4" (3.04m x 0.10m)	31' - 0" (9.45m x 0m)
<b>B1490 EXTRA LENGTH OUTRIGGER</b> 	29" x 10' (0.73m x 3.04m)	12' - 4" (3.66m x 0.10m)	12' - 4" (3.66m x 0.10m)	36' - 6" (10.97m x 0.15m)	4' 6" x 10' (1.37m x 3.04m)	13' - 10" (3.96m x 0.25m)	13' - 10" (3.96m x 0.25m)	40' - 6" (12.19m x 0.15m)
	29" x 8' (0.73m x 2.44m)	11' - 11" (3.35m x 0.28m)	11' - 11" (3.35m x 0.28m)	35' - 0" (10.67m x 0m)	4' 6" x 8' (1.37m x 2.44m)	12' - 10" (3.66m x 0.25m)	12' - 10" (3.66m x 0.25m)	38' - 6" (11.58m x 0.15m)
	29" x 6' (0.73m x 1.83m)	11' - 4" (3.35m x 0.10m)	11' - 4" (3.35m x 0.10m)	34' - 0" (10.36m x 0m)	4' 6" x 6' (1.37m x 1.83m)	12' - 6" (3.66m x 0.15m)	12' - 6" (3.66m x 0.15m)	37' - 6" (11.28m x 0.15m)

These tables are calculated on the maximum platform height allowable, based on three (3) times the minimum base dimension with stabilizers attached.

**Instant UpRight SCAFFOLDS HAVE BEEN DESIGNED AND TESTED TO MEET OR EXCEED APPLICABLE OSHA AND ANSI REQUIREMENTS.**

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