

Instruction Manual

Span Scaffolds

INSTANT

QUALITY & STRENGTH YOU CAN TRUST

⚠ 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/ft² (122 kg/m²) 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

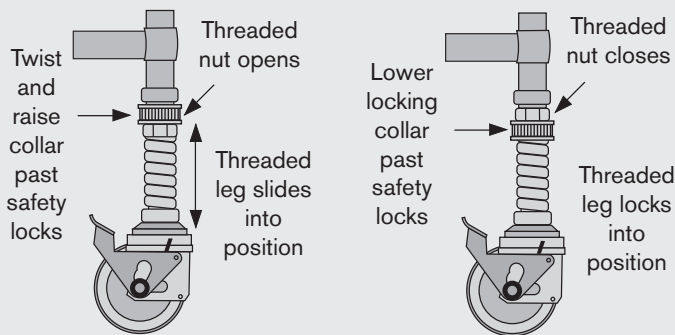
- All Instant UpRight Scaffold parts should fit together easily and work properly. To ensure proper function, keep all scaffold components clean. All parts should be clean and free of any foreign build up. Use soap and water. Do not use caustic cleaner.
- Scaffold end frame adjustable legs and sockets should fit together properly, without interference. Legs and sockets must be kept clean. Lubricate scaffold adjustable legs, end frame socket, brace looking 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

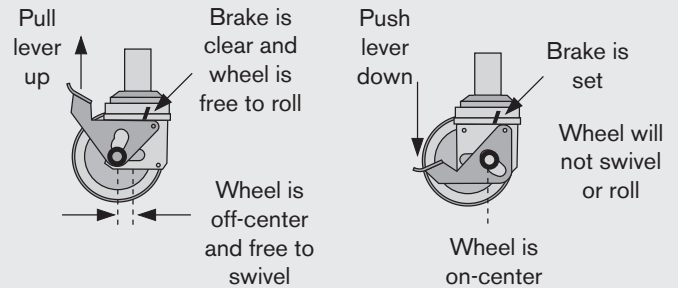
How to adjust legs



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.

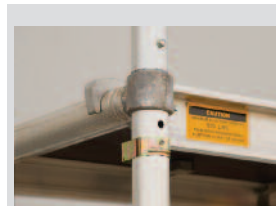


UNLOCKED



LOCKED

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



UNLOCKED



LOCKED



PIN BRACE



LATCH BRACE

Figure 2: Locking Hinges

Figure 3: Interlock Clips

Figure 4

OUTRIGGERS

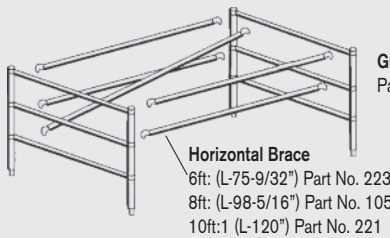


Figure 5: Outriggers

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

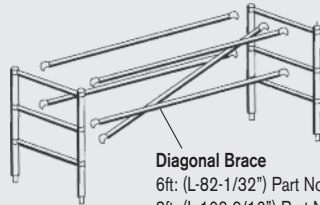
GUARDRAIL



Guardrail Frame
Part No. B470

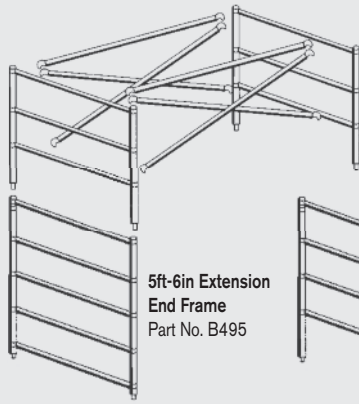
Horizontal Brace
6ft: (L-75-9/32") Part No. 223
8ft: (L-98-5/16") Part No. 105
10ft:1 (L-120") Part No. 221

Guardrail Frame
Part No. B270

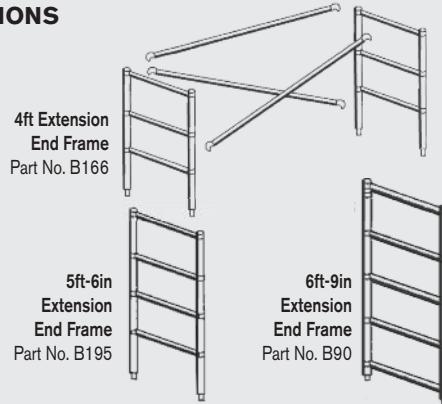


Diagonal Brace
6ft: (L-82-1/32") Part No. 364
8ft: (L-103-9/16") Part No. 365
10ft: (L-124-11/32") Part No. 210

HEIGHT EXTENSIONS



4ft Extension End Frame
Part No. B466



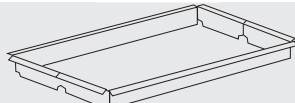
4ft Extension End Frame
Part No. B166

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

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

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

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



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

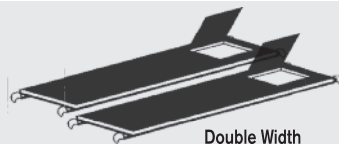
Double Width (Aluminum)
6ft: Part No. 51316
8ft: Part No. 51318
10ft: Part No. 51320



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

TOEBOARDS



Double Width
2 Required

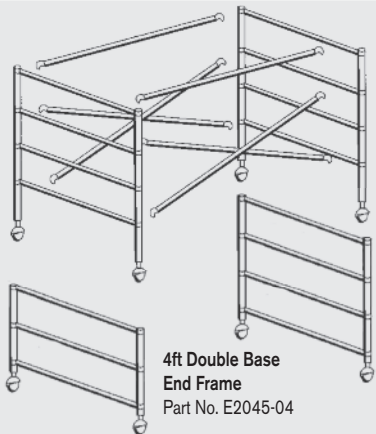
PLATFORMS

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

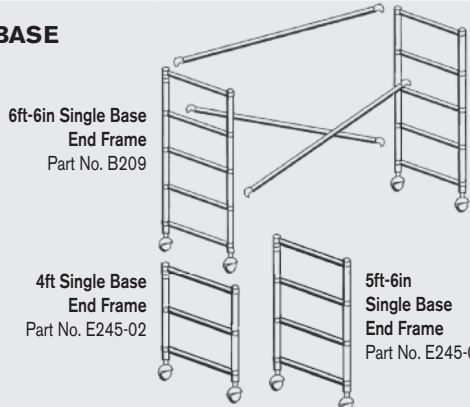


Single Width
1 Required

STANDARD BASE



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



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

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

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

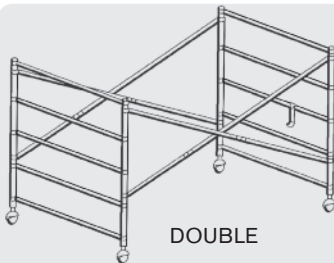
4ft Double Base End Frame
Part No. E2045-04

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

Decal Erection Instruction Span Double Width
Part No. 1021

Decal Erection Instruction Span Single Width
Part No. 1048

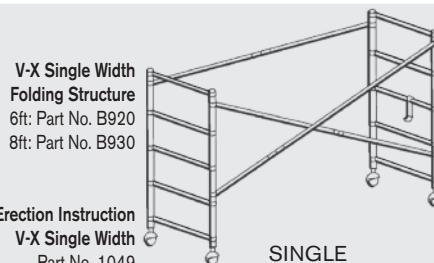
V-X BASE



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

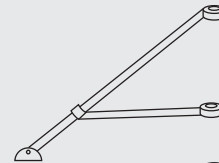


Interlock Clip
Part No. 167-01

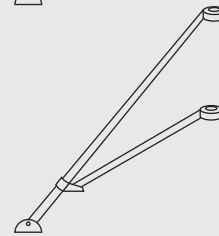


Long Pin Interlock Clip
Part No. 467-01

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")



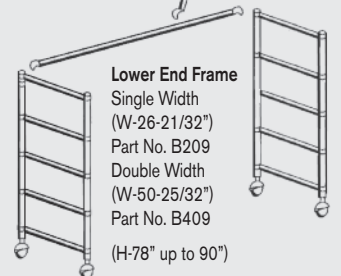
5in Caster
Part No. 5061
8in Caster
Part No. 9600



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.

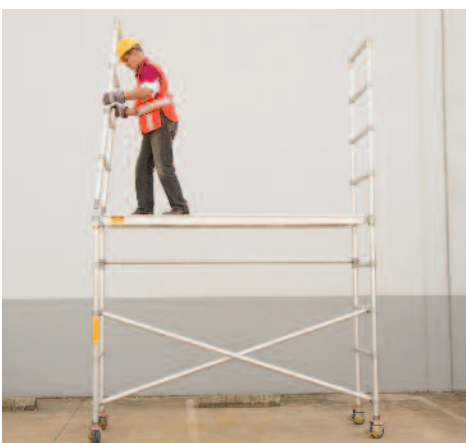


2. Snap long braces (diagonal) in desired position. Horizontal brace must be above or below intersection of diagonal braces.

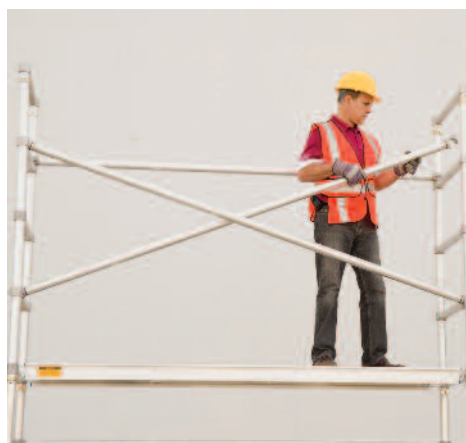


3. Install platform at desired height.

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.

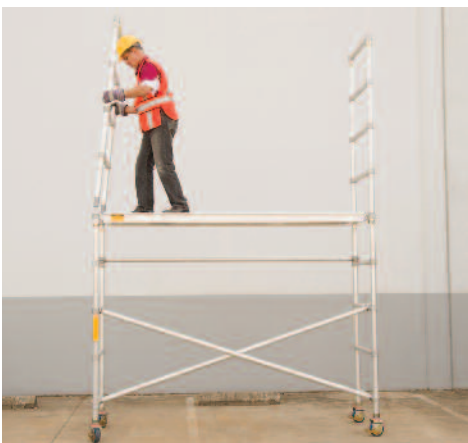


3. Snap four (4) diagonal braces between lower end frames. Be sure horizontal braces are installed above or below the intersection of the diagonals.



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).

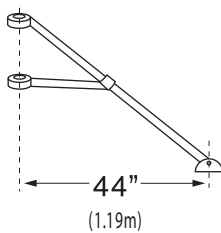
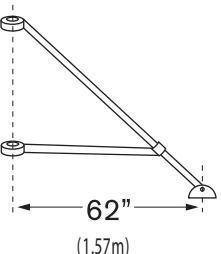


2. Install platforms. Add extension frames, diagonal braces and guardrail frames and braces.



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 430 ADJUSTABLE OUTRIGGER 	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 1490 EXTRA LENGTH OUTRIGGER 	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.



SERVICE ONE ACCESS, INC.

2850 W. Fulton St.
Chicago, IL 60612

Toll Free: 800 298 7990
Phone: 773 533 5100
Fax: 773 533 3088
info@glass-metal.com
www.glass-metal.com

MANUFACTURED BY
INSTANT UPRIGHT
www.instantupright.com