

ALUMINUM SCAFFOLD

INSTRUCTION MANUAL

**INSTANT
UPRIGHT**
QUALITY & STRENGTH YOU CAN TRUST

WARNING

Before using 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 Aluminum 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 any UpRight Scaffold or scaffold component that is damaged.

NEVER use any UpRight Scaffold that is improperly erected. (See "Inspection and Maintenance" on page 2).

NEVER mix scaffold components from other manufacturers with UpRight Scaffold components. Component dimensions differ from one manufacturer to another and using components from more than one manufacturer in a single scaffold could be hazardous.

ALWAYS be sure the scaffold is level at all times. When a leg is adjusted, be sure the locking collar is completely pushed over the expanding nut and below the safety locks (See Figure 1, page 3).

NEVER make leg adjustments with anyone on a platform.

ALWAYS lock all four caster brakes before climbing the scaffold (see Figure 1, page 3).

ALWAYS make sure all locking hooks are firmly in position and latches are properly engaged. Never force locking hooks.

ALWAYS ensure that latches of all locking hinges on folding braces are locked (see Figure 2, page 3).

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

NEVER use damaged 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 of a span scaffold at the same level as the intersection of diagonal braces.

ALWAYS use four OUTRIGGERS if platform height will exceed three (3) times any minimum base dimension (see Figure 4, page 3). Height must not exceed three (3) times the minimum base dimension.

ALWAYS install GUARDRAILS on single-width scaffolds and on double-width scaffolds. Check State and Local Codes and Regulations for additional requirements.

ALWAYS install TOEBOARDS when platform height is 10ft (3M). 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 guardrails or use guardrail components 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.

CAUTION

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 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 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 3000 lbs (1361 Kg) total on any base section. When adjustable legs are extended the 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 UpRight for instructions if you any questions. **NEVER TAKE CHANCES**

INSPECTION AND MAINTENANCE

Following 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.

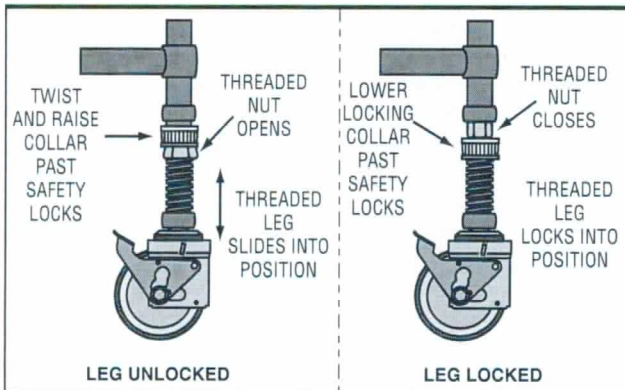
SCAFFOLD MAINTENANCE

- All parts of UpRight Scaffolds 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.
- The legs and sockets of scaffold end frames, where sections join each other should fit together properly, without interference. Legs and sockets must be kept clean. Lubricate end frame legs and sockets and spring pins 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 lubricated.
- 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.
- Casters must be checked 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 boards may be worn. Worn or damaged boards must be replaced.

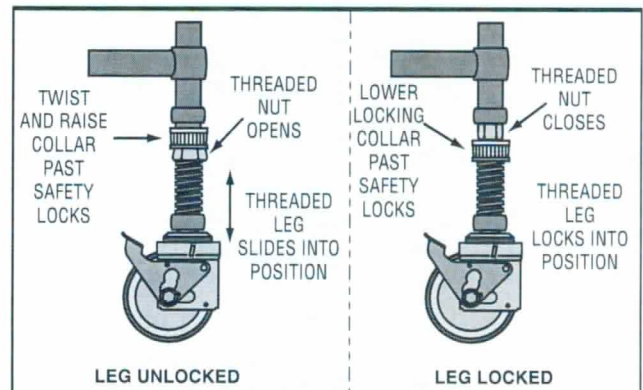
ADJUST LEGS AND LOCK CASTERS

FIGURE 1: ADJUSTING LEGS AND CASTERS



HOW TO ADJUST LEGS

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.



HOW TO LOCK AND UNLOCK CASTERS

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

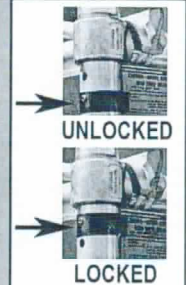
FIGURE 2: LOCKING HINGES

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.



FIGURE 3: INTERLOCK CLIPS

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



OUTRIGGERS

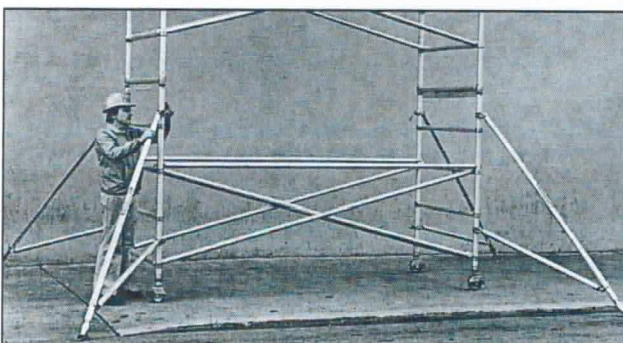
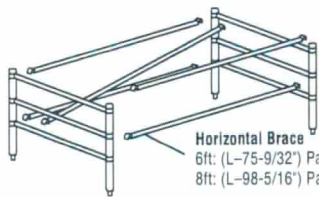


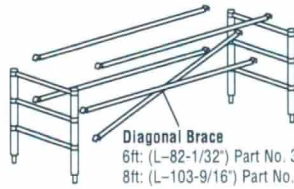
FIGURE 4: OUTRIGGERS

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

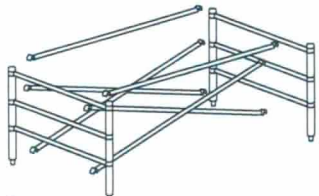
SCAFFOLD COMPONENTS



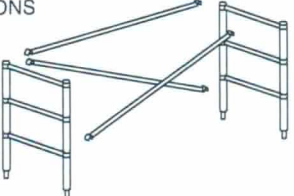
GUARDRAIL
Guardrail Frame
 Part No. 470
Horizontal Brace
 6ft: (L-75-9/32") Part No. 223
 8ft: (L-98-5/16") Part No. 105



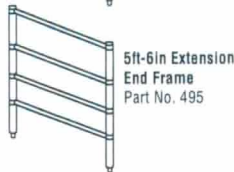
Guardrail Frame
 Part No. 270
Diagonal Brace
 6ft: (L-82-1/32") Part No. 364
 8ft: (L-103-9/16") Part No. 365



HEIGHT EXTENSIONS
4ft Extension End Frame
 Part No. 466



4ft Extension End Frame
 Part No. 166



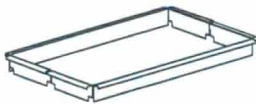
5ft-6in Extension End Frame
 Part No. 495



5ft-6in Extension End Frame
 Part No. 195



6ft-9in Extension End Frame
 Part No. 90



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

TOEBOARDS



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



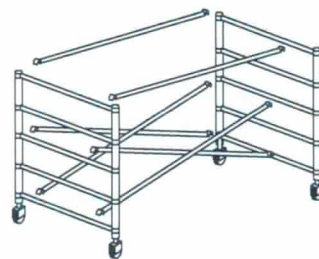
Double Width
 2 Required

PLATFORMS

PLATFORM ASSEMBLY
 6ft: (L-75-9/32") Part No. 93-01
 8ft: (L-98-9/32") Part No. 94-01

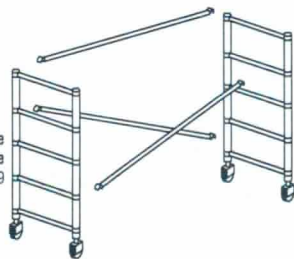


Single Width
 1 Required

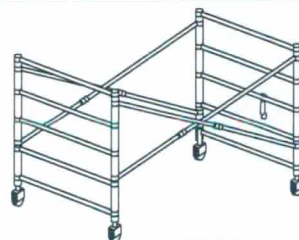


6ft-6in Double Base End Frame
 Part No. 409

6ft-6in Single Base End Frame
 Part No. 209



STANDARD BASE

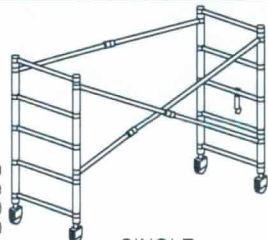


V-X Double Width Folding Structure
 6ft: Part No. 1061
 8ft: Part No. 1081

DOUBLE

V-X BASE

V-X Single Width Folding Structure
 6ft: Part No. 920
 8ft: Part No. 930



SINGLE

INTERLOCK CLIPS

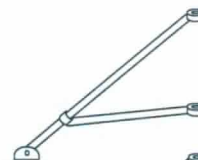


Interlock Clip
 Part No. 167

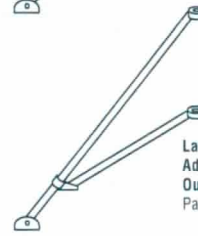


Long Pin Interlock Clip
 Part No. 467

OUTRIGGERS



Adjustable Outrigger
 Part No. 430



Large Adjustable Outrigger
 Part No. 1490

CASTER & BASE PLATES

Leg Lock Assembly
 Part No. 125 & 127

Adjustable Leg Standard
 Part No. 517
 (L-20")

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



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



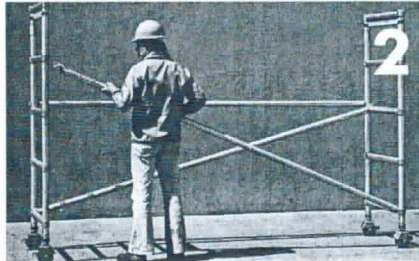
Swivel Base Plate
 Part No. 325

ERECTING INSTRUCTIONS - SINGLE WIDTH

STEP 1 STANDARD SPAN SINGLE WIDTH SCAFFOLD -



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

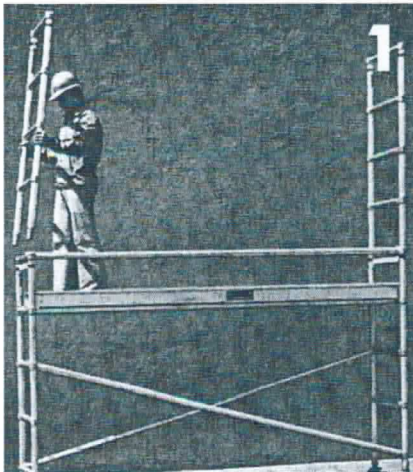


2. Snap long braces (diagonal) in desired position. Horizontal brace must be above or below intersection of diagonal braces.



3. Install platform. Move horizontal brace to top rung.

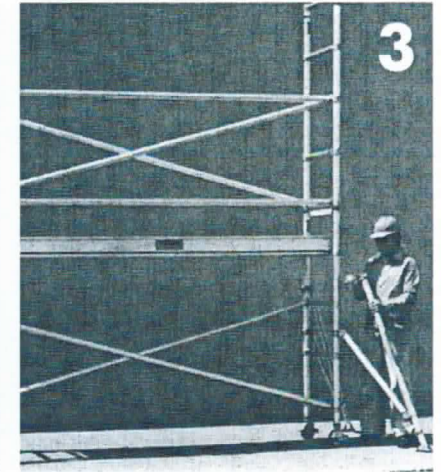
STEP 2 SINGLE WIDTH SCAFFOLD



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).



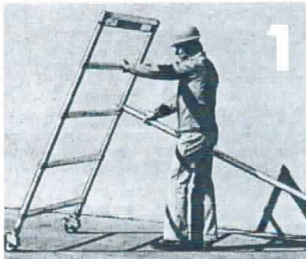
2. Snap diagonal braces in place.



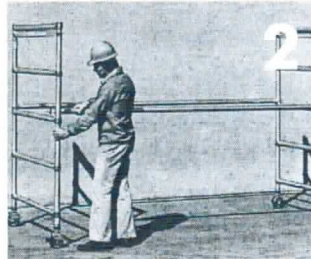
3. Before moving platform higher than 7 ft. (2,1 m), tie the scaffold into the building or install outrigger on each corner. Make sure each outrigger is wedged against solid pavement and that all couplers are securely fastened.

ERECTING INSTRUCTIONS - DOUBLE WIDTH

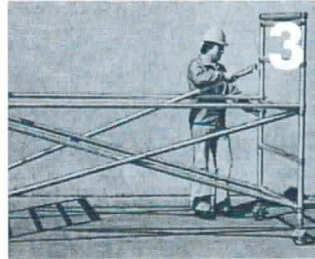
STEP 1 STANDARD SPAN DOUBLE WIDTH SCAFFOLD



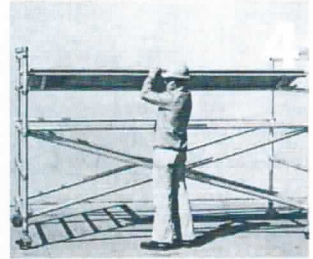
1. Snap short brace (horizontal) onto vertical tube of lower end frame.



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

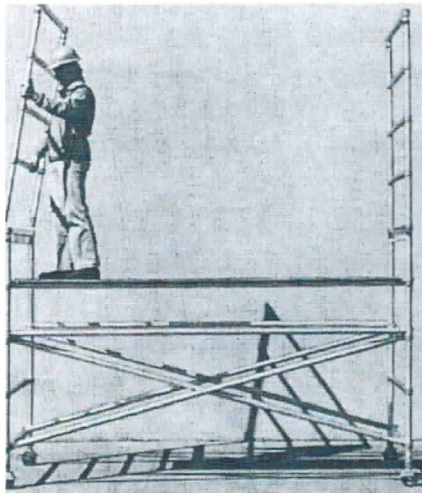


3. Snap four(4) diagonal braces between lower end frames. Be sure horizontal braces are installed above or below the intersection of the diagonals.

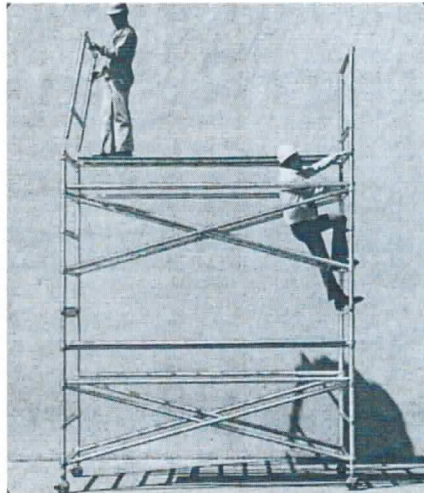


4. Install platforms at desired height.

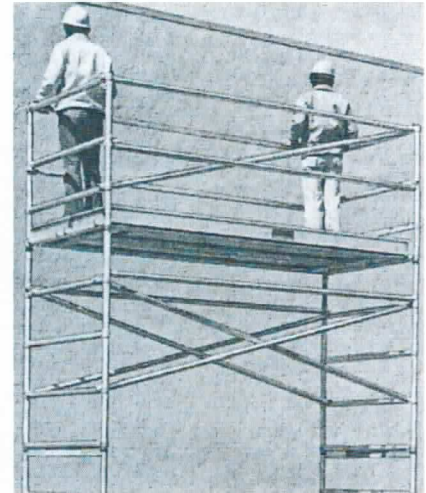
STEP 2 DOUBLE WIDTH SCAFFOLD



1. Lock all 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)

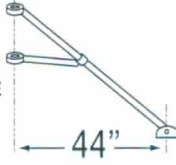
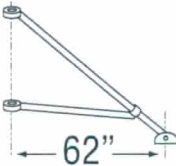


2. Install platforms. Add extension frames, diagonal braces and guardrail frames and braces.



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

HEIGHT TO BASE RATIO TABLES

	SINGLE WIDTH SPAN				DOUBLE WIDTH SPAN			
	SCAFFOLD WIDTH & LENGTH	LENGTH WITH STABILIZERS	WIDTH WITH STABILIZERS	MAXIMUM PLATFORM HEIGHT	SCAFFOLD WIDTH & LENGTH	LENGTH WITH STABILIZERS	WIDTH WITH STABILIZERS	MAXIMUM PLATFORM HEIGHT
430 ADJUSTABLE OUTRIGGER 	29" X 10"	10' - 0"	9' - 7"	28' - 6"	4' 6" X 10'	11' - 5"	11' - 5"	34' - 0"
	29" X 8"	9' - 5"	9' - 5"	28' - 6"	4' 6" X 8'	11' - 0"	11' - 0"	34' - 6"
	29" X 6"	9' - 0"	9' - 0"	27' - 0"	4' 6" X 6'	10' - 4"	10' - 4"	31' - 0"
1490 EXTRA LENGTH OUTRIGGER 	29" X 10"	12' - 4"	12' - 4"	36' - 6"	4' 6" X 10'	13' - 10"	13' - 10"	40' - 6"
	29" X 8"	11' - 11"	11' - 11"	35' - 0"	4' 6" X 8'	12' - 10"	12' - 10"	38' - 6"
	29" X 6"	11' - 4"	11' - 4"	34' - 0"	4' 6" X 6'	12' - 6"	12' - 6"	37' - 6"

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

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