

PineCraft Scaffolding

1972 Barber Rd. | Sarasota, FL 34240

ROLLING TOWERS

USE ONLY ON FIRM AND LEVEL SURFACE

Work Platform
Must be fully (tightly) decked

Max Height
= 4 TIMES THE
SMALLEST BASE
DIMENSIONS

**FRAME
LOCKING
METHOD**



CAT-A-CORNER SQUARING BRACE
(Required at base and every 20' of height)

**DOUBLE RAIL
GUARD RAIL SYSTEM**
(Required by OSHA on all
Scaffolds 10' or higher.
Recommended on
scaffolds less than 45" wide
at 4' or higher)

STEEL TOEBOARD

STEP FRAME
(Stacked with steps
on same side)
*Rung length of less
than 8" or rung spacing
in excess of 16 3/4"
requires separate access
ladder*

CROSS BRACE

INSERT PIN
(Every frame leg
connection must be
secured to insert
w/bolts, pins or wire.)

OUTRIGGER
(May be used to
increase base
dimensions)

CASTERS (Must be in proper working
condition and pinned to scaffold leg)

**SOME STATES ONLY ALLOW 3 TIMES-
CHECK YOUR STATE & LOCAL CODES**

CAUTION: Do not use this equipment unless you have read and understand all federal, OSHA, state and local regulations and industry codes concerning the safe use of this equipment. If you have not been provided with; OSHA regulations or safety literature, or for any questions concerning the safe use of this equipment, call 1-800-755-0676 before use

WARNING



Metal conducts electricity. Do not use this equipment in areas where contact may be made with power lines or other live electrical circuits. Failure to comply with the preceding warning will result in serious personal injury or death

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BASIC SCAFFOLDING CHECK GUIDE

USE ONLY ON FIRM AND LEVEL SURFACE



Guard rails every working platform
Mid-rails every working platform
Toeboards every working platform

Always use Access Ladder or Stair Package with landing every 35' for proper access

Ties
- Every 30' in length

- Every 4 times smallest base dimensions in height

Full, tight decking on all working platforms

Cross Brace all frames full height

Cat-A-Corner / Squaring Brace every 20' in height along full length of scaffold

All Insert Pins at all frame connections must be retained by Fastening Pins

Plumb and level all frames

Mudsills and Leveling Jacks at every frame leg

Additional information available from : PineCraft Scaffolding, 1972 Barber Rd. Sarasota, FL 34240 (941) 378-4411 or toll free at 1 (800) 755-0676

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ROLLING TOWER GUIDE LINES

USE ONLY ON FIRM AND LEVEL SURFACE

GUARD RAIL: Top and mid-rails are required on 10' and higher platforms.

TOEBOARD: For falling object protection.

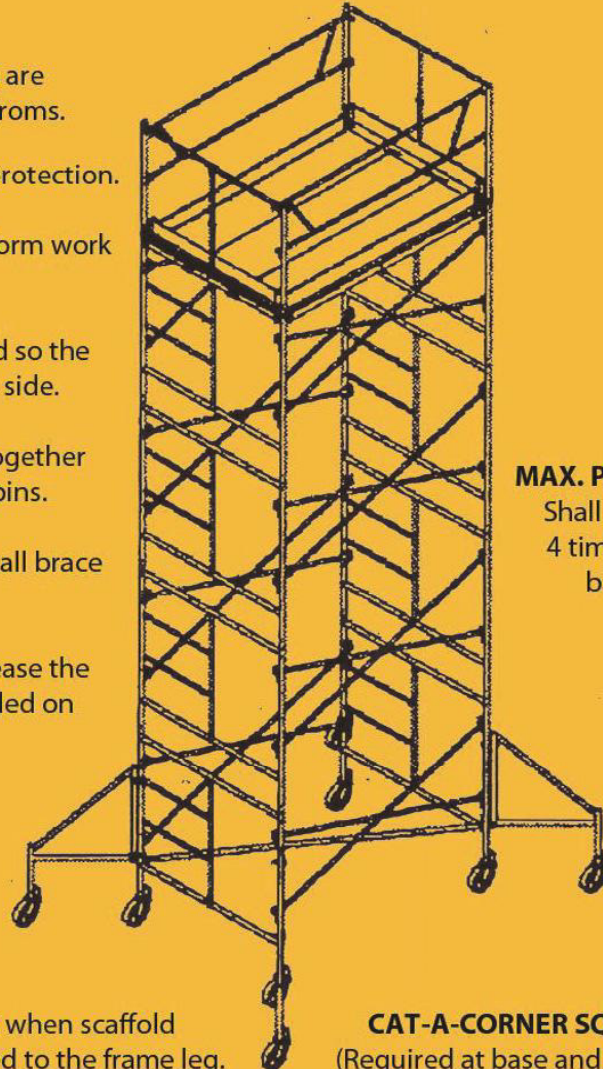
WORK PLATFORMS: Each platform work level shall be fully planked.

STEP FRAMES: To be assembled so the rungs are vertically on the same side.

INSERT PINS: must be locked together with the frame using fastening pins.

CROSS BRACE: Install braces at all brace lock locations.

OUTRIGGERS: Are used to increase the base dimensions. Must be installed on both sides.



MAX. PLATFORM HEIGHT:
Shall not be more than
4 times the narrowest
base dimension

CASTERS (Must be locked when scaffold is in use. Stems are to be pinned to the frame leg.)

CAT-A-CORNER SQUARING BRACE
(Required at base and every 20' of height)

A. START WITH A LEVEL, SOUND FOUNDATION.

B. WHERE LEVELING IS NECESSARY, SCREW JACKS OR CASTERS WITH LEVELING STEMS SHALL BE USED.

C. SOME STATES ALLOW ONLY 3 TIMES THE NARROWEST BASE DIMENSION FOR MAX. HEIGHT. CHECK ALL STATE AND LOCAL CODES.

D. FOLLOW ALL FEDERAL, OSHA, STATE AND LOCAL CODES.

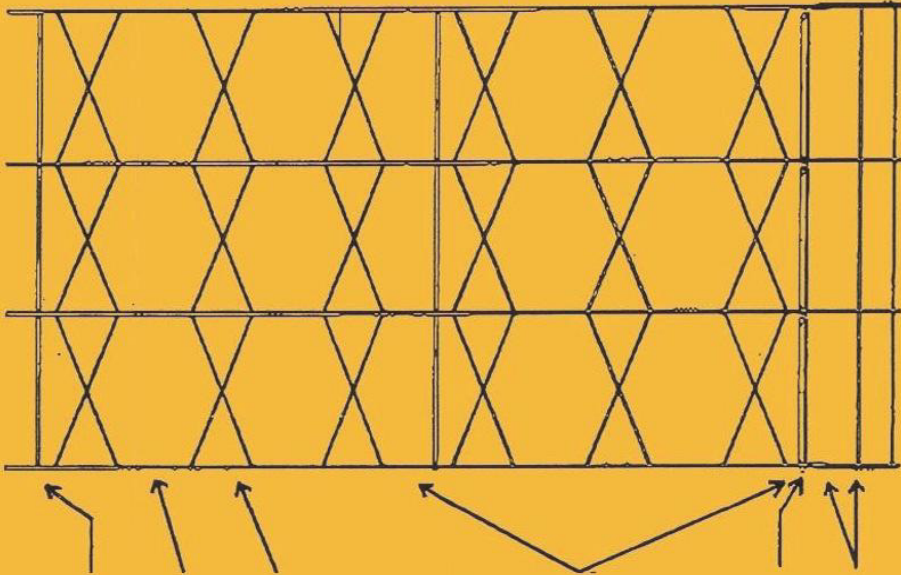
E. WARNING!! DO NOT USE THIS EQUIPMENT NEAR POWER LINES OR OTHER LIVE ELECTRICAL CIRCUITS.

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STATIONARY SCAFFOLD TOWER GUIDE LINES

USE ONLY ON FIRM AND LEVEL SURFACE



GUARD RAIL: Top and mid-rails are required on all work platform levels.

TOEBOARDS: Are required on all working platform levels for falling objects protection.

WORK PLATFORM: Each platform working level shall be fully planked.

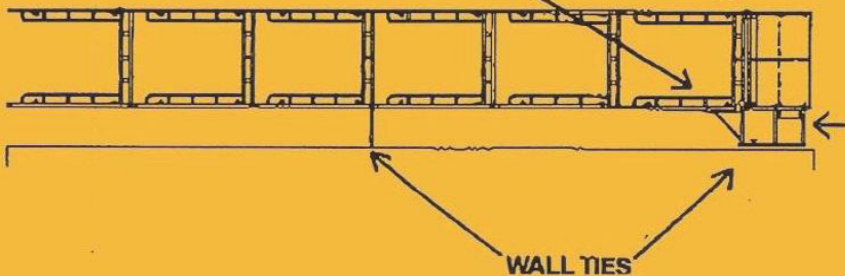
WALL TIES: Shall be installed at every 20' vertically and at every 30' horizontal intervals and one at each end.

SIDE BRACKETS: Shall be seated parallel to the frame and end brackets at 90° to the frame. Use only to support personnel and must have end guard rail at both ends and all other exposed areas.

CROSS BRACE: Install cross braces between all frames. Do not skip brace.

CAT-A-CORNER SQUARING BRACE: Is required at the base and every 20' of tower height

ACCESS SHALL BE PROVIDED: Use climbing ladders or stair packages with rest platforms at every 35' maximum vertical intervals



- A. START WITH A LEVEL, SOUND FOUNDATION AND PLUMB EACH TOWER USING MUDSILLS WHEN NEEDED AND LEVELING JACKS.
- B. FOLLOW ALL FEDERAL, OSHA, STATE AND LOCAL CODES.
- C. **WARNING!!** DO NOT USE THIS EQUIPMENT NEAR POWER LINES OR OTHER LIVE ELECTRIC CIRCUITS.

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SCAFFOLD SAFETY GUIDELINES

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TRAINING IS ESSENTIAL. The employer shall have each employee who performs work while on a scaffold trained by a qualified person.



READ THE SAFETY STANDARDS as stated in the August 30, 1996 Federal Register on Occupational Safety and Health Administration. Familiarize yourself with the Complete O.S.H.A. codes and regulations along with all State and Local Safety codes. The complete code reprint is available from Granite Industries upon request.



INSPECT ALL COMPONENTS FOR VISIBLE DEFECTS before each work shift. Any part of a scaffold damaged or weakened shall be immediately replaced.



KNOW THE CAPACITY of each scaffold and scaffold component as listed by the manufacturer. Each scaffold and scaffold component shall be capable of supporting without failure, its own weight and at least 4 times the maximum intended load.

SCAFFOLD TOWERS SHALL BE LOAD RATED by the component with the least capacity: (ex. Walk-boards rated at 50 to 75 lbs. per square foot, casters rated at 500 lbs. each, etc.)



START WITH A GOOD FOUNDATION which is level, sound, rigid, and capable of supporting the loaded scaffold without settling or displacement



FRAMES SHALL BE BRACED BY CROSS, horizontal, or diagonal braces which secure vertical frames together laterally. Braces should align vertical members so that the erected scaffold is always plumb, level, and square. All braced connections shall be secured.



ATTACH FRAMES AND INSERTS WITH FASTENING PINS in top and bottom of the frame to prevent uplift on scaffold end frames. Also, use fastening pins in all other components with appropriate drilling.



FULLY DECK WITH WALKBOARDS each platform on all working levels of scaffolds between the front upright and back upright or the guard rail supports.



WHEN MOVING PLATFORMS TO THE NEXT LEVEL, the existing platform shall be left undisturbed until the new end frames have been set in place and braced prior to receiving the new platform.



PROVIDE GUARD RAIL for each employee on a scaffold more than 10' above a lower or ground level.

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SCAFFOLD SAFETY GUIDELINES

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PROVIDE TOE BOARD PROTECTION where there is a danger of tools, materials, or equipment falling from a scaffold platform and striking persons below.



PROVIDE FALLING OBJECT PROTECTION wear hard-hats and use canopy structures when needed.



RESTRAIN SCAFFOLDS FROM TIPPING: Scaffold with a height to base ratio of more than 4 to 1 (ex. 4:1 example 5' wide frame would be over 20 ft. in height) shall be restrained from tipping by guying, tie-in device or bracing. Outriggers may be used to increase the tower base footprint. Some states use 3:1.



SIDE BRACKETS SHALL BE SEATED parallel to the frame and end brackets at 90 degrees to the frame. To be used only to support personnel unless the scaffold has been designed for other loads by a qualified engineer.



EMPLOYEES SHALL NOT BE ALLOWED TO RIDE ON SCAFFOLDS UNLESS the conditions outlined in 1926.45, sec. w, par.6 are met.

POPULAR QUESTIONS ABOUT SCAFFOLD SAFETY

MAY SCAFFOLD COMPONENTS OF DIFFERENT MANUFACTURERS BE USED TOGETHER?

YES Only when the components are designed to fit together without force and the scaffold's structural integrity is maintained by the user.



MAY BRACES BE USED TO CLIMB THE SCAFFOLD?

NO: Use only appropriate scaffold ladder rungs, portable ladders, stair towers, and stair type ladders for access or egress.



DO THE CASTERS NEED TO BE LOCKED?

They shall be always locked with positive wheel and swivel locks to prevent movement of the scaffold while the scaffold is in use in a stationary manner.



HOW CLOSE TO POWER LINES CAN A SCAFFOLD BE ERECTED?

<u>Insulated lines voltage</u>	<u>Minimum Distance</u>
Less than 300 Volts	3 ft. (0.9M)
300 Volts to 50 kv	10 ft. (3.1M)
More than 50 kv	10 ft. (3.1M)*

Uninsulated lines voltage Minimum Distance

Less than 50 kv	10 ft. (3.1M)
More than 50 kv	10 ft. (3.1M)*

* Alternative: 2 times the length of the line insulator, but never less than 10' (3.1M)

CONTACT YOUR LOCAL UTILITY COMPANY FOR GUIDANCE.