

# PineCraft Scaffolding

1972 Barber Rd. | Sarasota, FL 34240 | 1.800.755.0676 toll free

## 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 with  
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



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.

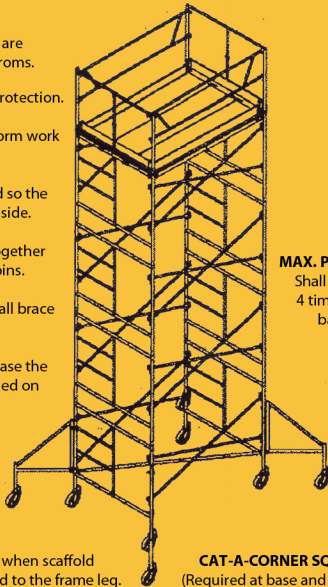
**WORK PLATFORMS:** Each platform work level shall be fully planked.

**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.**

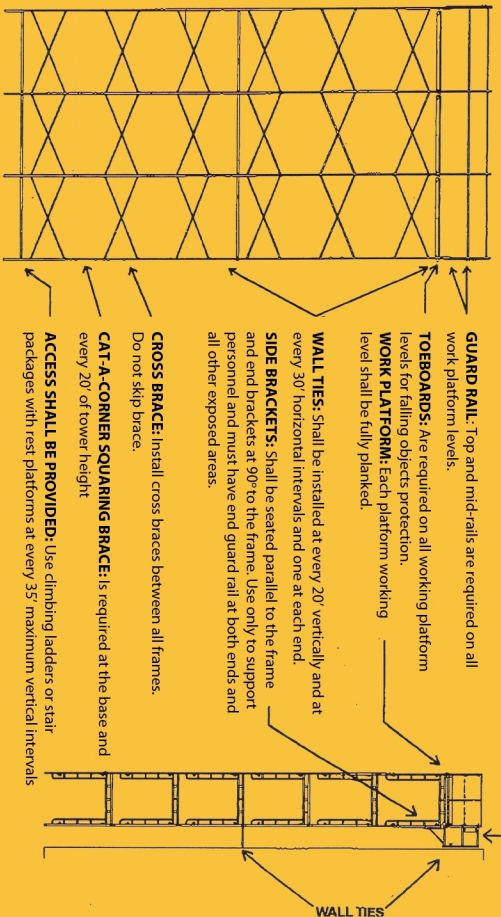
**E. WARNING!! DO NOT USE THIS EQUIPMENT NEAR POWER LINES OR OTHER LIVE ELECTRICAL CIRCUITS.**

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## STATIONARY SCAFFOLD TOWER GUIDE LINES

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**A. START WITH A LEVEL, SOUND FOUNDATION AND PLUMB EACH TOWER USING MUDDSILLS 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 max. 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 foot print. 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>
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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)*

<u>Uninsulated lines voltage</u>	<u>Minimum Distance</u>
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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.**