



# 500-POUND SCAFFOLDING



Model # 31105  
[bit.ly/wenvideo](http://bit.ly/wenvideo)


## IMPORTANT:

Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for intended purpose, you will enjoy years of safe, reliable service.



## NEED HELP? CONTACT US!

Have product questions? Need technical support?  
Please feel free to contact us at:

 **800-232-1195** (M-F 8AM-5PM CST)

 [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com)

 [WENPRODUCTS.COM](http://WENPRODUCTS.COM)

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## TECHNICAL DATA

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Model Number:	31105
Maximum Capacity:	500 lbs evenly distributed
Product Dimensions:	51 x 48 x 22 inches
Product Weight:	51.8 pounds

## GENERAL SAFETY RULES

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Safety is a combination of common sense, staying alert and knowing how your item works.

### **SAVE THESE SAFETY INSTRUCTIONS.**



**WARNING:** To avoid mistakes and serious injury, do not use your item until the following steps have been read and understood. These safety rules cannot address every possible scenario you may encounter, so please use common sense and caution when using the item.

1. **READ** and become familiar with this entire instruction manual. **LEARN** the tool's applications, limitations, and possible hazards.
2. **KEEP WORK AREA CLEAN.** Cluttered areas invite injuries and accidents.
3. **OBSERVE** work area conditions. Keep work area well lit.
4. **ALWAYS** keep your work area clean, uncluttered, and well lit. **DO NOT** work on floor surfaces that are slippery with sawdust or wax.
5. **STORE IDLE EQUIPMENT.** When not in use, store in a safe and clean location. Always secure products and keep out of reach of children.
6. **USE THE RIGHT PRODUCT FOR THE JOB.** There are certain applications for which this item was designed. Do not modify it and do not use it for a purpose for which it was not intended.
7. **CHECK FOR DAMAGED PARTS.** Before using any product, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for any broken or damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately.
8. **WHEN SERVICING** use only identical replacement parts and accessories. Using any other parts will void the warranty.
9. **DO NOT** operate the tool if you are under the influence of drugs, alcohol, or medication that may affect your ability to properly use the tool.
10. **USE EYE PROTECTION.** Always wear ANSI approved impact safety goggles.
11. **DO NOT EXCEED THE PRODUCT'S MAXIMUM LOAD CAPACITY.** Always keep weight evenly distributed.
12. **ONLY USE ON A FLAT SURFACE** capable of supporting the item with its maximum capacity load. It is easy to lose control if attempting to pull a load on a sloping or uneven surface.
13. **DO NOT ALLOW CHILDREN TO PLAY ON,** stand upon or climb on this item. It is not intended for carrying people or animals.
14. **ALWAYS CHECK HARDWARE** and assembled parts after assembling. All connections should be tight.

## SPECIFIC RULES FOR SCAFFOLDING

1. FOLLOW OSHA GUIDELINES FOR SETUP, USE AND MAINTENANCE.

2. TO AVOID CONTACT AND SHOCK HAZARD, do not use the scaffold near energized power lines or electrical lines. Do not contact unprotected, energized electrical power lines or other power sources with scaffolding or tools. Maintain at least 10 feet from electrical lines. Consult the power company to shut off the power or insulate/relocate lines if a job requires working closer than 10 feet to electrical lines.

3. ACIDS AND OTHER CORROSIVE SUBSTANCES may severely affect the integrity of the scaffolding. Use extreme care around such materials and follow applicable instructions. Do not use acids or other corrosive substances on scaffolding parts, as they could corrode the metal and decrease its strength.

4. BEFORE USING, check that all parts are undamaged and functioning properly. Do not use if any components are damaged or functioning improperly. Do not attempt to straighten deformed parts, as this will weaken their structural integrity. Bent parts should be replaced immediately.

5. IMMEDIATELY REMOVE SCAFFOLDING from use and discard if exposed to excessive heat (such as fire) due to a loss of structural integrity.

6. DO NOT ALLOW OBJECTS OR SLIPPERY MATERIALS to accumulate on the scaffolding.

7. DO NOT USE WITH A DAMAGED OR DETERIORATED DECK.

8. DO NOT USE FOR CANTILEVER APPLICATIONS. Use with supports directly underneath the scaffolding.

9. RATED WORKING LOAD: 500 pounds. Total combined weight of workers and materials must not exceed the rated working load. Do not overload the scaffolding and always evenly distribute the load. Be aware of dynamic loading: jumping on or suddenly dropping weight onto the scaffolding may briefly create an excess load causing the product to fail.

10. POSITION ON A HARD LEVEL SURFACE. Make sure the working/standing surface is completely level and that the wheels are locked before getting on the scaffolding.

11. DO NOT USE A LADDER or any other climbing device on top of the scaffolding.

12. USE GUARD RAILS, MID RAILS AND TOE BOARDS as required by local, state and federal regulations. Using such safety devices is always recommended.

13. DO NOT CLIMB ONTO SCAFFOLD from a ladder unless both the scaffolding and the ladder are secured from movement in all directions.

14. SCAFFOLDS THAT ARE COVERED IN ICE OR SNOW CANNOT BE USED until they are cleaned off thoroughly. Scaffolds MUST NOT be used during storms or in windy weather.

15. DO NOT RIDE ON OR TRANSPORT ITEMS on moving scaffolding.

16. WEAR ANSI-APPROVED SAFETY GOGGLES, a hard hat, heavy-duty work gloves and OSHA-specified safety harness during assembly and use. Wear additional safety gear as required by local, state and federal regulations.

## SPECIFIC RULES FOR SCAFFOLDING

17. **KEEP CHILDREN AWAY FROM SCAFFOLDING.**

18. **KEEP WORK AREA CLEAN AND WELL LIT.** Cluttered or dark areas invite accidents.

19. **STAY ALERT:** watch what you're doing and use common sense when using the scaffold. Do not use while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while using the scaffold may result in serious personal injury.

20. **ONLY USE SAFETY EQUIPMENT** that has been approved by an appropriate standards agency. Unapproved safety equipment may not provide adequate protection. Fall-arrest systems must be OSHA approved. Eye protection must be ANSI approved. Breathing protection must be NIOSH approved.

21. Store idle scaffolding out of the reach of children and do not allow persons unfamiliar with the scaffold to climb on it or use it for any purpose. This item can be dangerous in the hands of untrained users.

22. **CHECK FOR MISALIGNMENT OR BINDING OF PARTS,** cracks and/or breakage of parts (or any other conditions that may jeopardize the safety of certain operations). Many accidents are caused by poorly maintained tools.

23. **THE WARNINGS IN THIS MANUAL** are intended to give general safety guidelines. Scaffold safety regulations may change periodically. The operator is responsible to be familiar with and obey current OSHA guidelines as well as local, state and federal regulations regarding the set-up and use of this product.

24. **ROUTINELY SERVICE THE SCAFFOLDING** using a qualified repair person only. This will ensure a longer lifespan for the product and will also maximize safety.

25. **ONLY USE THE INCLUDED PLATFORM** or an identical replacement platform. The platform must not extend beyond the base support.

26. **MAINTAIN LABELS AND NAMEPLATES** on the scaffolding. These carry important safety information. If unreadable or missing, contact WEN Products for a replacement.

27. **USE COMMON SENSE.** The warnings, precautions and instructions discussed in this manual cannot cover all possible conditions and situations that may arise. It must be understood by the operator that only a limited amount of scenarios can be outlined by these rules and guidelines. Common sense and caution are factors that must be supplied by the operator.

## OPERATION

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**WARNING:** Read all of the safety information before beginning to assemble the scaffolding. Scaffold components and replacement parts from other manufactures must not be used with this particular model. Safety equipment build in to the scaffolding must be repaired by a qualified technicians. Pieces should fit together without being forced, otherwise the structural integrity may be compromised.

1. Wheel the scaffolding to the area where it is to be used, grasping and pushing the scaffold at points no higher than five feet from off the floor in order to prevent tipping. The surface where this scaffolding is placed must be capable of supporting the entire scaffolding plus its maximum load without shifting or settling. Use on concrete or asphalt only.

2. Lock the swivel casters by pressing down on the lock mechanism attached to each wheel. Pressing down on the end marked “ON” locks the swivel caster in place. Pressing down on the end marked “OFF” unlocks the caster for movement.

**WARNING:** All casters must be locked prior to use to prevent movement and injury. Use a level to verify that the surface of the wooden platform is completely flat in all directions. Eyeballing the angle of the scaffold is not accurate enough to maximize safety.

3. A ladder should normally be used to climb onto the scaffold. The ladder must be positioned as to not tip the scaffolding when weight is placed against it. Any “attachable” ladders used must be specifically designed for this type of scaffolding. Ladders must be clamped securely in place to the scaffolding to prevent any movement. Any ladder (normal or stairway type) must meet OSHA requirements for use with scaffolds.

4. If the scaffolding will be accessed directly (such as from an opening in the side of a building), it cannot be more than 14 inches horizontally and 24 inches vertically from the other surface.

5. Each worker on a scaffold more than 10 feet above a lower level must be protected from falling to that lower level. Fall protection consists of either personal fall arrest systems or guardrail systems meeting OSHA requirements.

6. For most activities, there must be no more than a 14-inch gap between the wooden platform and the structure being worked on (unless the work is lathing or plastering - for this a gap of 18 inches is permitted).

7. If toe-boards, guardrails or canopies are used to prevent a falling object hazard to passersby, then the areas below the scaffolding must be barricaded and the danger must be clearly stated to said passersby.

8. All plug-in electric tools used on a scaffold must be protected by GCFI outlets or plugs.

9. When finished using the scaffolding, wipe down the wood platform and all metal supports. Then store the tool indoors and out of the reach of children.

10. Any oily or greasy substance spilled on the wood platform needs to be cleaned immediately to avoid causing someone to slip and fall.

## MAINTENANCE

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Procedures not specifically explained in this manual must be performed only by a qualified technician. Only a qualified technician. Only a qualified technician may replace any parts or make any safety equipment additions to this scaffold.

1. Before each use, inspect the general condition of the scaffold. Check for:

- cracking or deteriorating of the reinforced wood platform
- cracked or loosen wheels or wheel locks
- straightness/levelness of the platform and scaffolding
- loose screws
- misalignment of parts
- cracked, bent or broken parts
- any other condition that may affect its safe operation

2. Periodically coat wood decking and rails with transparent (penetrating) wood preservative. Do not paint or use opaque surface sealants - they may conceal serious problems.

3. After use, clean the external surfaces with a clean cloth and store indoors in a safe, dry area away from children.

## LIMITED TWO YEAR WARRANTY

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WEN Products is committed to building tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

### LIMITED WARRANTY OF WEN CONSUMER POWER TOOLS PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC (“Seller”) warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship for a period of two (2) years from date of purchase. Ninety days for all WEN products, if the tool is used for professional use.

**SELLER’S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY** under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or misrepaired by persons other than Seller or Authorized Service Center. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of purchase must be a direct vendor of Great Lakes Technologies, LLC. Third party vendors such as garage sales, pawn shops, resale shops, or any other secondhand merchant void the warranty included with this product. Contact [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com) or 1-800-232-1195 to make arrangements for repairs and transportation.

When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the warranty card and/or the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge.

**THIS LIMITED WARRANTY DOES NOT APPLY TO ACCESSORY ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME INCLUDING BELTS, BRUSHES, BLADES, ETC.**

**ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS FROM DATE OF PURCHASE. SOME STATES IN THE U.S., SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.**

**IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.**

**THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.**

**THIS LIMITED WARRANTY APPLIES ONLY TO PORTABLE ELECTRIC TOOLS, BENCH POWER TOOLS, OUTDOOR POWER EQUIPMENT AND PNEUMATIC TOOLS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE.**