

402 Porta-Nailer Safety & Instruction Sheet

Safety First

1. Always follow the safety recommendations found in the owners manual
2. Always wear eye protection when using this tool.
3. Use of Gloves and Steel toed safety shoes is recommended.
4. Always check to insure that all screws are tight on the tool. Hex wrenches should be inside the carry case.
5. Check to make sure that the hammer handle is secure in the hammer head.
6. Never use a Hammer with a loose head or splintered handle.
6. Allow for adequate clearance when swinging the hammer .
7. Never sit the Porta-Nailer in your hand or on your knee or any part of your Body.
8. Never place you hands or fingers near the discharge area of the nailer.
9. Always remove nails prior to attempting to clear a jam or to service this tool.
10. Replace worn or damaged parts immediately. Inspect daily prior to use.
11. Use only nails from Porta-Nails, Inc. Use of other nails may cause jamming.
12. Use good house keeping practices to help in keeping your work area clear.
13. Review "Operations and Use" Instructions contained in the Products Owners Manual.

Trouble Shooting

The Porta-Nailer System is designed for Trouble Free Operation. Refer to the owners manual (page 17) for a trouble shooting guide or call your Rental Provider for instructions on how to clear a jammed nail or other service issues. A copy of the owners manual is available to print @ www.porta-nails.com. Feel free to contact our Customer Service Dept @ 800-634-9281 8- 5 pm, M-F or your Rental provider to discuss your installation or for instructions on the proper use of this tool.

Choosing the Right Nail



2" Porta-Nails, # 42929 For angle and surface nailing onto 5/8"-3/4" Underlayment over joist construction when installing 3/8", 9/16", 1/2", 5/8", 3/4", 33/ 32" Flooring.

2" Stainless Steel Porta-Nails, # 42660 For nailing into ACQ flooring or into ACQ sub floors or joist.

1-1/2" Porta-Nails , # 42640: For angle nailing on to 5/8"-3/4" Underlayment over concrete slab or hydronic heating systems when installing 3/4"& 33/32" flooring. (Not Available in Stainless Steel)

1-3/16" Porta-Nails, # 42646: For angle nailing on to 5/8"-3/4" Underlayment over concrete slab or hydronic heating systems when installing 1/2", 9/16"& 5/8" flooring and for Surface (face) nailing onto 5/8"-3/4" Underlayment over concrete slab or hydronic heating system when nailing 3/4" flooring. (Not Available in Stainless Steel)

Choosing the Right Nailer Shoe

The Angled Shoe supplied with the # 402 Porta-Nailer is used for blind nailing 5/8", 3/4" & 33/32" (15-26 mm) tongue and groove domestic wood flooring.

CAT # 40225 Face Nail Shoe when installed on the 402 is used on first two (2) rows & the last six (6) rows of unfinished and the last (2) rows of prefinished flooring

Cat # 40230 Thin Flooring Shoe is designed to nail down 3/8" – 9/16" (9.5-14.25 mm) tongue and groove flooring.

Cat # 40248 Metric Shoe is designed to nail down 5/8" (15mm) tongue and groove bamboo flooring and 3/4" (18mm) solid wood flooring products produced in Asia.

Cat # 40195 .031 Shims Packs are available from PNI to add to our angle shoes to assist in placing the nail in the nail grove of Flooring that does not meet NOFMA Mill Standards.

Call our Customer Service Dept. @ 800-634-9281 if you encounter a floor where our # 402 Porta-Nailer will not place the nail in the nail pocket or if you have installation or operating questions. Flooring samples may be sent to us for testing & shoe recommendations. Dimpling may occur in prefinished flooring as a result of improper fastener or shoe selection. **Always test for proper nail placement prior to starting your floor.**

Installing the Extension Handle

Fasten the Extension Handle to the Nailer using the two (2) Screws and Nuts furnished with the unit. Place extension handle over the nailer body, line up drilled holes and insert screws, secure with nuts to insure handle is secure.

Loading the Porta-Nailer

1. Unhook the Connector from the Pusher at the rear of the nailer.
2. Remove the Pusher from the Nail Rail.
3. Insert a stack of Nails into the Nail Rail with the Heads "up". For proper operation never use the Nailer with less than a 2 inch stack of nails remaining in the Nail Rail. A Jam may occur when less than a 2 inch Stack of nails remain in the Nail Rail.
4. Place the Pusher in the Nail Rail, behind the clip of nails & hook the Connector to the Pusher.

OPERATION & USE OF THE PORTA-NAILER SYSTEM

We recommend that you read the owners manual for this nailer. A copy can be downloaded by visiting www.porta-nails.com or by contacting our Customer Service Dept @ 800 634-9281

Always follow the Installation Instructions provided by the Flooring Manufacturer. We also recommend that you visit www.nofma.org where you can download at no charge a copy of their Industry Standard Installation Guidelines with suggestions on handling, layout, spacing and nailing schedule for your flooring. Additional information may be obtained from www.nwfa.org.

1. Place the grooved edge of the first row of Flooring towards the wall on the side of the room from which you are starting. Face Nail in place by hand or by using the Model 402 Nailer with the Face Shoe, Blind nail the first row by hand nailing before proceeding to the next board. When nailing unfinished flooring you may continue to face the flooring using the # 402 Nailer with face nailing shoe for boards #2 and # 3. Make sure that you fill the nail holes with a filler prior to sanding. For prefinished flooring continue to blind nail by hand the #2 and #3 rows or until use of the Porta-Nailer is permissible. Pre drilling thru the tongue is suggested when blind nailing by hand so as not to split the tongue.
2. Position the Model 402 Nailer along the Tongue edge of the Third (3rd) Row of Flooring. Always nail into the tongue side of the flooring.
3. Test the nailer for proper nail placement in the nail groove of the flooring. Use of accessory shoes and or shims may be required. (see the notes on reverse side for shoe selection)
4. Tap the flooring into place with the non-marring rubber side of the Hammer. Care should be taken to protect prefinished flooring. Do not strike the face of the wood with the metal end of the nailer.
5. The Porta-Nailer and hammer must be held firmly, but not over-tightly in the hand so that the Porta-Nailer rests perfectly flat on the floor with the lip of the shoe hanging over and against the edge of the strip being nailed. As an aid to holding it flat against the floor, rest the toe of your shoe on the rear of the Porta-Nailer Shoe. Always use caution when striking the hammer to prevent hitting your foot or knee.
6. Strike the Rubber Cap of the Nailer with the iron side of the Hammer. This tool is designed to properly set the nail with one or several blows of the Hammer.
7. Do not overpower the Porta-Nailer – Strike it firmly but not hard, and then strike it again until the Ram returns. The Ram does not return until the nail is properly seated.
8. Be careful not to drive one Nail on top of another. Damage to the Nailer might result if this should occur.
9. Slide the Nailer along the tongue of the board to the location at which you desire to drive the next nail. (8-10 inches is the general rule of thumb.) You should not nail any closer than 3" from the end of board to prevent splitting. Each board should have at least 2 nails to hold in place.
10. Continue Steps 2-9 until you have completely nailed the field of flooring. Depending on the width of your flooring and as you approach the wall you will have to discontinue use of the angle nailing tool and start face or blind nailing. As noted above if you are installing unfinished flooring you may blind nail with the # 402 Nailer using the Face Nailing shoe.. Make sure that you fill any holes prior to sanding. If you are installing prefinished flooring we recommend that you blind nail by hand using a # 8 finish nail and by drilling thru the tongue first to prevent splitting of the tongue and then Face Nailing the last 1 or 2 rows as permitted. We recommend using the PortaJACK PRO, hardwood flooring jack to tighten the flooring strips prior to nailing to insure that the last few rows are tight.

