



# Operator's Manual

## Mini Palm Nailer

**MPN**

Item No. 64350

Mini Palm Nailer  
Shoots up to  
3-1/2" (16d) Bulk Nails



Ask for  
Genuine

**INTERCHANGE®**



**Bulk Nails**



**NOTE:** Please read and fully understand the instructions in this manual before operating the pneumatic tool. Carefully read through this OPERATOR'S MANUAL to ensure efficient, safe operation. It is recommended that the MANUAL be kept readily available as an important reference when using this tool.

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## Tool Information

### Nailer Specifications: MPN Palm Nailer

Tool Dimensions - Length x Width x Height	2.75" x 2.20" x 3.70" 70mm x 56mm x 94mm
Weight	0.920 lb. / 0.417 kg.
Recommended Operating Pressure	50 to 100 psi / 3.5 to 7 kgs.

### Fastener Specifications

Nail Type	Bulk Nails
Fastener Length	Nails up to 3-1/2" / 16d

### Applications

Joist Hangers, Truss Installation, Fencing and Frame Installation.  
Shoots nails in tight spaces.

## SAFETY: Prepare Work Area

- 1. OPERATORS AND OTHERS IN WORK AREA MUST WEAR SAFETY GLASSES WITH SIDE SHIELDS.** Danger to the eyes exists due to the possibility of flying fasteners and debris when operating the nailer. To guard against these hazards always wear safety glasses with side shields to protect both the front and sides. Make sure others in the work area wear safety glasses, too. Eye protection equipment must conform to the requirements of American National Standards Institute, ANSI Z87.1. The employer is responsible to enforce the use of eye protection equipment by the tool operator and other personnel in the work area.
- 2. EAR AND HEAD PROTECTION MAY BE NEEDED.** Some work areas may include exposure to high noise levels which can lead to hearing damage. Always wear ear protection to protect your ears from loud noise. Wear head protection to protect your head from flying objects.
- 3. DRESS PROPERLY.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Rubber gloves and nonskid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- 4. KEEP VISITORS AWAY.** All visitors should be kept safely away from work area and should not handle the nailer.
- 5. KEEP OUT OF REACH OF CHILDREN.**
- 6. KEEP WORK AREA CLEAN.** Cluttered areas invite injuries. Clear all work areas of unnecessary tools, debris, etc.
- 7. NEVER USE IN PRESENCE OF FLAMMABLE LIQUIDS OR COMBUSTIBLES.** The nailer produces sparks during operation. Never use the nailer on sites containing lacquer, paint, benzine, thinner, gasoline, gases, adhesive agents or other materials which are combustible or explosive.
- 8. CHECK FOR LIVE WIRES.** Avoid the risk of severe electrical shock by checking for live electrical wires that may be hidden by walls, floors or ceilings. Turn off the breaker switch to ensure there are no live wires.

## SAFETY: Air Supply

- 9. DO NOT USE OXYGEN, COMBUSTIBLE OR OTHER BOTTLED GASES. EXPLOSION MAY OCCUR.** Never use oxygen, combustible gases or any other bottled gases as a power source for the nailer. Use of these gases is dangerous, as the nailer will explode. Use only clean, dry, regulated compressed air as a power source.
- 10. DO NOT EXCEED 100 psi.** Do not exceed maximum recommended air pressure 100 psi. Never connect the nailer to pressure which potentially exceeds 150 psi as the nailer can burst.
- 11. DO NOT USE THE WRONG FITTING ON NAILER.** The nailer and air hose must have a hose coupler so that all pressure is removed from the nailer when the coupler is disconnected. The connector on the nailer must not hold pressure when the air supply is disconnected. If the wrong fitting is used, the nailer can remain charged with air after disconnecting and thus will be able to drive a nail even after the air line is disconnected, possibly causing injury.
- 12. HOSES.** Air hoses should be professional grade and have a minimum of 150 psi working pressure. Make sure that the hose is securely fastened. If there is any damage to the hose, replace it before using the nailer.
- 13. DO NOT DISCONNECT AIR HOSE FROM NAILER WHILE NAIL IS LOADED.** The nailer can fire when it is re-connected to an air supply.
- 14. DISCONNECT THE AIR SUPPLY WHEN THE NAILER IS NOT IN USE. NEVER LEAVE A NAILER UNATTENDED WITH THE HOSE ATTACHED.** Always disconnect the air supply from the nailer when operation has been completed or suspended, when unattended, moving to a different work area, adjusting, disassembling, or repairing the nailer.

# Safety Instructions

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## SAFETY: Operation and Handling

- 15. KEEP FACE, HANDS AND FEET AWAY FROM FIRING HEAD AT ALL TIMES.**  
Never place your face, hands or feet near the firing head.
- 16. NEVER POINT NAILER AT YOURSELF OR OTHERS IN WORK AREA.**  
Respect the nailer as a working implement. Never point the nailer at yourself or others, whether or not it contains fasteners. If fasteners are mistakenly driven, it can lead to severe injuries. Never engage in horseplay with the nailer.
- 17. DO NOT OVERREACH.** Keep proper footing and balance at all times.
- 18. STAY ALERT.** Watch what you are doing. Use common sense and do not operate the nailer when you are tired. The nailer should never be used if you are under the influence of alcohol, drugs or medication that makes you drowsy.
- 19. DO NOT USE THE NAILER AS A HAMMER.**
- 20. NEVER CARRY THE NAILER BY THE HOSE.**
- 21. HANDLE THE NAILER CAREFULLY.** This nailer was designed for driving nails into wood and similar items. Operate the nailer safely and correctly and do not use for purposes other than those specified in this manual.  
Because of high air pressure in the nailer, cracks in the surface are dangerous. To avoid tool damage, do not drop the nailer or strike the nailer against hard surfaces, and do not scratch or engrave on the nailer. Handle the nailer carefully.
- 22. BEFORE USING THE NAILER, CHECK TO MAKE SURE PARTS ARE NOT BROKEN OR MISSING AND THAT ALL SCREWS ARE TIGHT. DO NOT OPERATE A TOOL THAT IS OPERATING ABNORMALLY.**  
If the nailer appears to be operating unusually, making strange noises, has parts missing or appears to be defective, stop using it immediately and arrange for repairs by an authorized service center.
- 23. PLACE NAILER PROPERLY ON WORK PIECE.** Do not drive fasteners on top of other fasteners or with the nailer at too steep of an angle. The fasteners can ricochet and hurt someone.
- 24. DO NOT DRIVE FASTENERS CLOSE TO THE EDGE OR CORNER OF THE WORK ESPECIALLY WHEN USING THIN MATERIAL.** The work piece is likely to split and the fastener could fly free and hit someone.
- 25. NEVER DRIVE FASTENERS FROM BOTH SIDES OF A WALL AT THE SAME TIME.**  
The fasteners could be driven into and through the wall and hit a person on the opposite side.
- 26. DISCONNECT AIR HOSE FROM NAILER WHEN:**
  - Doing maintenance and inspection
  - It is not in use
  - Leaving work area
  - Moving it to another location
  - Handing it to another person
- 27. MAINTAIN NAILER WITH CARE.** Keep the nailer clean and lubricated for better and safer performance.
- 28. USE ONLY AUTHORIZED OR RECOMMENDED PARTS, ACCESSORIES OR FASTENERS.**  
Unauthorized parts, accessories or fasteners may void your warranty and can lead to tool malfunction and resulting injuries. Only authorized service personnel should repair the nailer.
- 29. NEVER MODIFY OR ALTER THE NAILER.** Doing so may cause it to malfunction and personal injuries may result. The warranty is no longer valid when a tool is modified or altered.
- 30. STORE NAILER PROPERLY.** When not in use, the nailer should be stored in a dry place. Keep out of reach of children and lock the storage area.

## **WARNING!**

Position the nail in the desired fastening direction. The MPN nailer will automatically activate when the nail in the nose is pressed against the work surface and will continue to drive hammer blows until the nail is fully driven or the tool is lifted off of the surface. Never press the tool nose down unless it has been properly positioned to drive a nail into a safe work surface.

## Loading Fasteners

1. Connect the MPN Nailer to an air supply.
2. Insert the nail, head first, into the guide. **DO NOT** press the nail into the guide forcefully, or the nailer may begin operating.
3. The tool is now loaded and ready to drive the nail into the desired work surface.

## Operating the Nailer

1. Hold the tool securely by using the housing as a hand grip. Do not depress the tool nose until the tool is in driving position and you are ready to drive a nail.
2. Position the nail on the work surface, placing the nail point in driving position and at the desired driving location.
3. When you are ready to drive the nail, gently press the tool against the nail head to activate, and continue pushing until the nail is completely driven. The nailer will automatically stop.
4. After the nail is fully driven, lift the tool off of the work surface.
5. Reload the nailer and place the tool in position for the next nail to be driven.
6. Use Interchange Bulk Nails for best results.
7. Use increased air pressure to drive into harder materials and reduce air pressure to drive into softer materials. Always use the lowest air pressure necessary to drive fasteners, as excessive air pressure increases wear on certain parts, and may reduce the life of the tool.
8. Disconnect the tool from the compressed air supply when nailing is completed.

# Maintenance & Troubleshooting

## DANGER

Always disconnect the tool from the air supply before cleaning or performing any service on the tool. Servicing the tool while the it is pressurized may result in injury.

Clean and inspect your tool every time you use it and it will last longer and perform better, and periodic maintenance will keep your tool working in top condition.

### Daily Inspection

- Check for broken, damaged, or excessively worn parts, and repair or replace as needed.
- Check for air leaks. Disconnect tool from air supply immediately if leaks are present, and contact dealer for service.
- Make sure all screws are tightened securely.
- Lubricate the tool before each use.

### Lubrication

It is important that the tool be lubricated. Without proper lubrication, the tool will not work correctly and parts will wear prematurely.

- If the tool is used without an in-line lubricator, apply 3 drops of INTERCHANGE Pneumatic Tool Oil into the air plug on the tool before each use and lubricate again for each 1,000 fasteners fired.
- Do not use detergent oil or additives, as these lubricants will harm the O-rings and other rubber parts and will cause the tool to malfunction.

### Cleaning

Disconnect air supply from nailer. Clean the tool and inspect for wear. Brush tool off using a cleaning brush or rag and if necessary, use a non-flammable cleaning solution. Do not soak the tool.

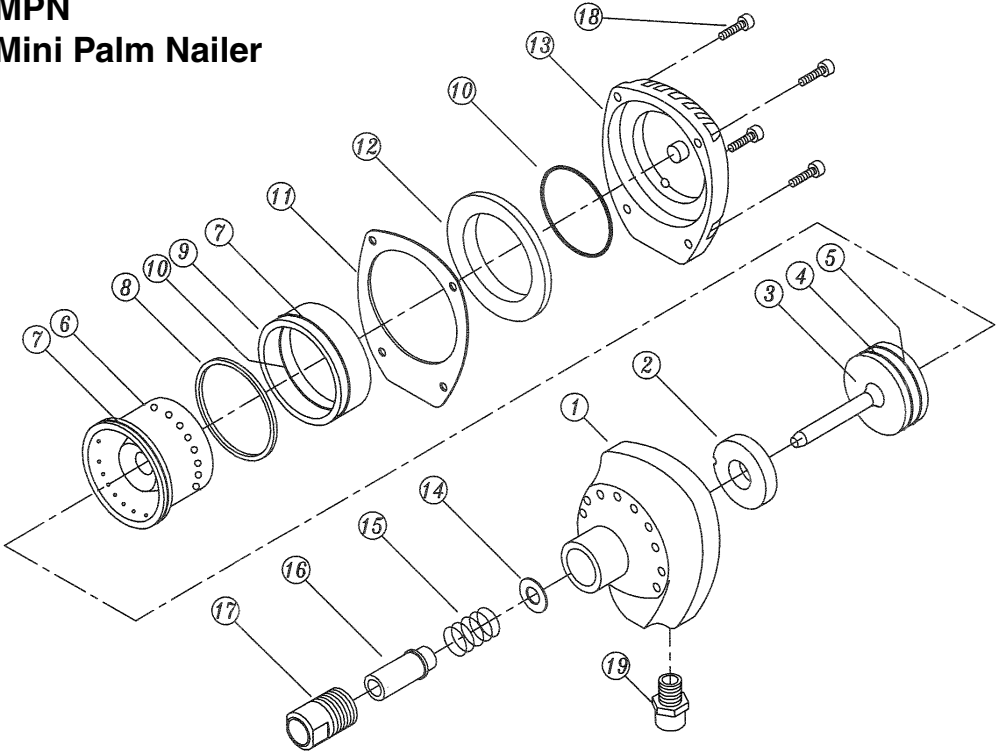
Your tool has been designed for long life and trouble-free operation. However, if operating problems arise, please use the troubleshooting information below to determine how to remedy the problem.

## Troubleshooting

Problem	Solution
Fasteners do not drive completely.	Increase air pressure. Do not exceed 100 psi (7 kgs.) Add 2-3 drops of Interchange Pneumatic Tool Oil to inlet.
Tool leaks air.	Check for source of leak and tighten fittings and screws as necessary. Discontinue using tool if air leaks after tightening. Contact your dealer.

# Parts Drawing & Parts List

## MPN Mini Palm Nailer



NO.	ORDER NO.	DESCRIPTION	QTY	NO.	ORDER NO.	DESCRIPTION	QTY
1	21201	Body	1	11	21212	Gasket	1
2	21202	Damping Rubber	1	12	21213	Valve Packing	1
3	21203	Piston	1	13	21214	Cover	1
4	21205	O-Ring	1	14	21215	Spring Washer	1
5	21206	O-Ring	1	15	21216	Spring	1
6	21207	Cylinder	1	16	21217	Guide Bushing (8.3mm)	1
7	21208	O-Ring	2	17	21218	Guide Box	1
8	21209	Rubber Ring	1	18	89817	Screw	4
9	21210	Valve	1	19	88123A2	Air Inlet	1
10	21211	O-Ring	2				

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## Limited One (1) Year Warranty for Pneumatic Tools

Our products are designed and constructed using the highest standards of both material and workmanship. We warrant to the original retail purchaser that their nailers will be free from defects in material or workmanship for the warranty period of one year.

During the warranty period (which begins on the purchase date), we will repair or replace, at our option and expense, any product or part that is defective in materials or workmanship after examination by an Authorized Warranty Service Center, subject to the exceptions, exclusions and limitations described below. Any replacement product or part will carry a warranty for the balance of the warranty period applicable to the replaced product or part. A DATED SALES RECEIPT OR PROOF OF PURCHASE FROM THE ORIGINAL RETAIL PURCHASER IS REQUIRED TO MAKE A WARRANTY CLAIM. To make a warranty claim, you must return the product, with proper receipt/proof of purchase and return transportation charges prepaid, to us (your dealer) or an Authorized Warranty Service Center. We will perform our obligations under this warranty within a reasonable time after approval of the warranty claim.

### WARRANTY EXCLUSIONS

The following warranty exclusions apply:

1. Normal wear parts are not covered under this warranty. Normal wear parts include, for example, rubber o-rings, seals or gaskets.
2. This warranty does not cover parts damaged due to normal wear, misapplication, misuse, accidents, operation at other than recommended speeds, improper storage, or damage resulting during shipping.
3. Products used in production/industrial applications are excluded from this warranty.
4. Labor charges, maintenance, or loss, damage and repairs resulting from improper operation are not covered by this warranty.

### GENERAL WARRANTY CONDITIONS

This warranty will be honored, only if:

1. Clean, dry, regulated compressed air has been used at air pressure not exceeding the maximum indicated on the tool casting;
2. No evidence of abuse, abnormal conditions, accident, neglect, misuse or improper modifications or storage of the product exists; and
3. No deviations from following recommended operating instructions, specifications, and maintenance schedules exist. (Read Operator Manual for use, specifications, and maintenance instructions).

This warranty is the only warranty for the product and we disclaim all other warranties. Any implied warranties will be limited in duration to the applicable warranty period specified above. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Your remedies are solely and exclusively as stated above. We shall in no event be liable for incidental, consequential, indirect or special damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. In no event, whether as a result of a breach of contract, warranty, tort (including negligence) or otherwise, shall our liability exceed the price of the product that has given rise to the claim or liability. Any liability connected with the use of this product shall terminate upon the expiration of the warranty period specified above. No employee or representative of any distributor or dealer is authorized to make any change or modification to this warranty.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.