



Concrete Nailer

User Manual

[Revision 5.0 June 2018]

READ THIS MANUAL CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.



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SAFETY

- **ENSURE THAT NO PART OF ANY HUMAN, ANIMAL OR CLOTHING IS PLACED IN/NEAR THE AREA WHERE NAILS ARE FIRED OUT OF THE GUN, REGARDLESS OF WHETHER YOU THINK THE GUN IS EMPTY OR LOADED WITH NAILS.**
- **KEEP CHILDREN AWAY.** All children should be kept away from the work area. Don't let them handle the tool.
- **USE SAFETY GLASS AND EAR PROTECTION:** Air tool operators and others in work area should always wear safety glass to prevent the injury from fasteners and flying debris when loading and unloading this tool. Maybe the noise would harm your hearing, wear the ear protection to safeguard. (See fig 1.)
- **NEVER USE OXYGEN, COMBUSTIBLE OR ANY OTHER BOTTLE GAS** as a power source or would cause explosion and serious personal injury. (See fig 2.)
- **DO NOT CONNECT TOOL TO COMPRESSED AIR** which pressure exceeds 120psi.
- **DO NOT PLACE OVER-LONG AIR HOSE** in working area in case of the operator's unexpected tripping. Make sure all connections are tight
- **CARRING TOOL ONLY BY THE HANDLE** do not keep the trigger pull on safety yoke mechanism to avoid unintentional firing of fastener.
- **KEEP THE TOOL POINTED AWAY FROM YOURSELF** and others at all time and keep hands, any body parts away rear area to Safety guard against possible injury.
- **DISCONNECT TOOL FROM AIR SUPPLY BEFORE LOADING** fasteners to prevent a fastener from being fired during connection. (See fig3.)
- **DO NOT KEEP THE TRIGGER OR SAFETY DEPRESSED** during loading fasteners or the unintentional firing of a fastener would cause personal injury
- **DISCONNECT TOOL FROM AIR SUPPLY HOSE** and close the compressor before performing maintenance, alter the accessories or during non-operation.
- **DO NOT DRIVE FASTENER ON SCAFFOLDINGS, LADDERS** and on such similarly construction, not working on airtight case, and vehicles.
- **DO NOT DRIVE FASTENERS CLOSE TO THE EDGE OF THE WORK PIECE.** The workpiece would split allowing fastener to fly free or ricochet causing personal injury.
- **DO NOT DRIVE FASTENER ON TOP OF NAILED FASTENER,** or the fastener can ricochet causing personal injury.
- **NEVER USE A TOOL** that is leaking air, had missing or damaged parts or requires repair and make sure all the screws and securely tightened.
- **MAKE DAILY INSPECTION FOR FREE MOVEMENT** of trigger, safety mechanism and spring to insure the tool can operate well.
- **ONLY USE PARTS AND ACCESSORIES** recommend by manufacturer.

OPERATION

DESCRIPTION

Unit drives Ga.14 concrete nails from 18mm to 64mm length. Die cast aluminum body for strong and light weight. Comfort grip rubber handle for improved control and comfort even during extended use. Touch-strike security system safe for the operator. Features 360-degree exhaust port can be adjusted to any direction. It is ideal for construction framing, pallet and crate assembly, deck construction, roof decks, fencing, sidewall sheathing and etc.

AIR SUPPLY

1. Use clean, Dry and Regulated compressed air at 4-7 bar (60-100psi)
2. Never exceed maximum and minimum pressure. Too low or too high pressure would cause noise, fast-worn or misfiring.
3. When connecting air supply always keep hands and body from discharge area of tool.
4. A filter-regulator-lubrication is required and should be located as close to tool as possible.
5. Keep air filter clean. A dirty filter will reduce the air pressure to the tool causing a reduction in power and efficiency.
6. For better performance, install a quick connector in your tool and quick coupler on the hose if possible.
7. Be sure all connections in air supply system are sealed to prevent air loss.

LOADING FASTENER AND OPERATION

Always disconnect the tool from the compressed air before loading. When loading the tool always point the tool away from yourself and others. Make sure that you are not holding the tool with trigger depressed while loading the tool.

1. Insert a strip of fasteners into magazine keeping it point down.
2. Release the latch and pusher, slid the pusher against the nails.
3. Connect the tool to the air supply. Make sure the air pressure is in the correct range denoted in the Technical Data.
4. Then test the driving depth in a sample piece of wood before using. If the fasteners are being driven too far or not far enough, adjust the regulator to provide less air pressure or more air pressure.
5. Never operate tool unless safety nose is contact with workpiece. Do not operate tool without fasteners or damage to tool may result.
6. Never fire fasteners into air because fasteners may injury operator or others and damage to tool may result.
7. The air tool is equipped with safety stand mechanism that disable tool unless safety stand is pushed against work. Hold gun body firmly and press safety stand on workpiece where fastener is to be applied. Pull the trigger to drive fastener into workpiece.
8. This operating procedure provides rapid-fire fastener driving. Never operate tool unless safety stand is in contact with workpiece.

MAINTENANCE

Disconnect the tool from the air compressor before adjusting, clearing jams, servicing, relocating and during non-operation.

- Regular lubrication, if your tool without using the in-liner automatic oiler, place 2 or 6 drops of pneumatic tool oil into the air inlet before each work day or after 2 hours of continuous use depending on the characteristic of workpiece or type of fasteners.
- Check and change all worn or damaged O-rings, seals, etc. Tight all the screws and caps in case personal injury.
- Inspect trigger and safety mechanism to assure safe system is complete and functional: no loose and missing parts, no building or sticking parts.
- Keep magazine and nose of tool clean and free of any dirt lint or abrasive particles.

TROUBLESHOOTING

- The following form lists the common operating system with problem and solutions. Please read the form carefully and follow it.
- If any of the following symptoms appears during your operating, stop using the tool immediately, or serious personal injury could result. Only qualified persons or an authorized service center can perform repairs or replacement of tool.
- Disconnect tool from air supply before attempting repair or adjustment. When replacing O-rings or Cylinder, lubricate with air tool oil before assembly.

SYMPTOM	PROBLEM	SOLUTIONS
Air leak near top of tool or in trigger area	1. O-ring in trigger valve are damage. 2. Trigger valve head are damage. 3. Trigger valve stem, seal or O-ring are damaged.	1. Check and replace O-ring. 2. Check and replace. 3. Check and replace trigger valve stem, seal or O-ring
Air leak near bottom of tool.	1. Loose screws. 2. Worn or damaged O-rings or bumper.	1. Tighten screws. 2. Check and replace O-rings or bumper.
Air leak between body and cylinder cap.	1. Loose screws. 2. Worn or damaged O-rings or seals.	1. Tighten screw. 2. Check and replace O-rings or bumper.
Blade driving fastener too deep.	1. Worn bumper. 2. Air pressure is too high.	1. Replace bumper. 2. Adjust the air pressure.
Tool does not operate well: cannot drive fastener or operate sluggishly.	1. Inadequate air supply. 2. Inadequate lubrication. 3. Worn or damaged O-rings or seals. 4. Exhaust port in cylinder head is blocked.	1. Verify adequate air supply. 2. Place 2 or 6 drops of oil into air inlet. 3. Check and replace O-rings or seal. 4. Replace damaged internal parts.

SYMPTOM	PROBLEM	SOLUTIONS
Tool skips fasteners.	1. Worn bumper or damaged spring. 2. Dirt in front plate. 3. Dirt or damage prevents fasteners from moving freely in magazine. 4. Worn or dry O-ring on piston or lack of lubrication. 5. Cylinder cover seal leaking.	1. Replace bumper or pusher spring. 2. Clean drive channel on front plate. 3. Magazine needs to be cleaned. 4. O-ring need to be replaced. And lubricate. 5. Replace Sealing washer.
Tool jams.	1. Incorrect or damaged fasteners. 2. Damaged or worn driver guide. 3. Magazine or nose screw loose. 4. Magazine is dirty.	1. Change and use correct fastener. 2. Check and replace the driver. 3. Tighten the magazine. 4. Clean the magazine.

TECHNICAL SPECIFICATIONS

Capacity	70 pcs
Nail length	18 – 64 mm (3/4" – 2")
Fastener size	14 gauge; diameter 2.2
Operation pressure	5.5 – 7.5 bar (80 – 110 PSI)
Air inlet	1/4"N.P.T.
Dimension	106.5 x 320 x 345 mm
Weight	3.6 kg



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.



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