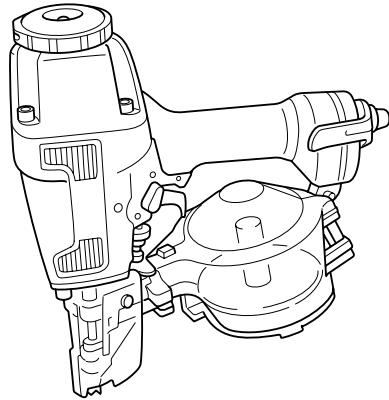




Construction Coil Nailer

MODEL AN611



005235

INSTRUCTION MANUAL

⚠ WARNING:

For your personal safety, READ and UNDERSTAND before using.
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

SPECIFICATIONS

Model		AN611
Air pressure		0.44 - 0.83 Mpa (4.4-8.3 bar)
Applicable length	Wire welded nails	32 mm - 65 mm
	Plastic sheet collated nails	32 mm - 50 mm
Nail capacity		200 - 400 pcs.
Dimensions (L X H X W)		332 mm X 317 mm X 127 mm
Min. hose diameter		6.5 mm
Net weight		2.2 Kg

- Due to our continuing programme of research and development, the specifications herein are subject to change without notice.
- Note: Specifications may differ from country to country.

IMPORTANT SAFETY INSTRUCTIONS

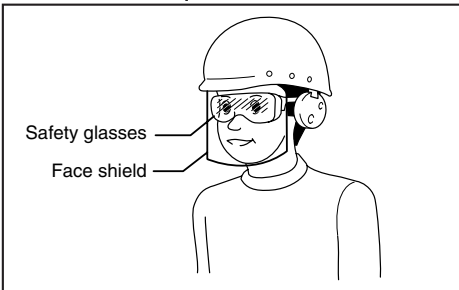
ENB087-1

⚠ WARNING:

WHEN USING THIS TOOL, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF PERSONAL INJURY, INCLUDING THE FOLLOWING:

READ ALL INSTRUCTIONS.


- For personal safety and proper operation and maintenance of the tool, read this instruction manual before using the tool.
- Always wear safety glasses and face shield to protect your eyes from dust or nail injury. The safety glasses and the face shield should conform with the requirements of AS/NZS 1336.



⚠ WARNING:

It is an employer's responsibility to enforce the use of safety eye protection equipment by the tool operators and by other persons in the immediate working area.

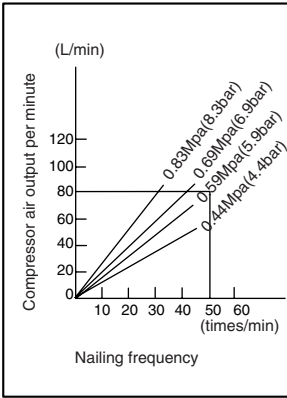
- **Wear hearing protection to protect your ears against exhaust noise and head protection. Also wear light but not loose clothing. Sleeves should be buttoned or rolled up. No necktie should be worn.**
- **Rushing the job or forcing the tool is dangerous. Handle the tool carefully. Do not operate when under the influence of alcohol, drugs or the like.**
- **General Tool Handling Guidelines:**
 1. Always assume that the tool contains fasteners.
 2. Do not point the tool toward yourself or anyone whether it contains fasteners or not.
 3. Do not activate the tool unless the tool is placed firmly against the workpiece.
 4. Respect the tool as a working implement.
 5. No horseplay.
 6. Do not hold or carry the tool with a finger on the trigger.
 7. Do not load the tool with fasteners when any one of the operating controls is activated.
- 8. Do not operate the tool with any power source other than that specified in the tool operating/safety instructions.
- An improperly functioning tool must not be used.
- Sparks sometimes fly when the tool is used. Do not use the tool near volatile, flammable materials such as gasoline, thinner, paint, gas, adhesives, etc.; they will ignite and explode, causing serious injury.
- The area should be sufficiently illuminated to assure safe operations. The area should be clear and litter-free. Be especially careful to maintain good footing and balance.
- Only those involved in the work should be in the vicinity. Children especially must be kept away at all times.
- There may be local regulations concerning noise which must be complied with by keeping noise levels within prescribed limits. In certain cases, shutters should be used to contain noise.
- Do not play with the contact element: it prevents accidental discharge, so it must be kept on and not removed. Securing the trigger in the ON position is also very dangerous. Never attempt to fasten the trigger. Do not operate a tool if any portion of the tool operating controls is inoperable, disconnected, altered, or not working properly.
- Operate the tool within the specified air pressure of 0.44 - 0.83 MPa (4.4 - 8.3 bar) for safety and longer tool life. Do not exceed the recommended max. operating pressure of 0.83 MPa (8.3 bar). The tool should not be connected to a source whose pressure potentially exceeds 1.37 MPa (13.7 bar).
- Make sure that the pressure supplied by the compressed air system does not exceed the maximum allowable pressure of the fastener driving tool. Set the air pressure initially to the lower value of the recommended allowable pressure (see SPECIFICATIONS).
- Never use the tool with other than compressed air. If bottled gas (carbon dioxide, oxygen, nitrogen, hydrogen, air, etc.) or combustible gas (hydrogen, propane, acetylene, etc.) is used as a power source for this tool, the tool will explode and cause serious injury.

- Always check the tool for its overall condition and loose screws before operation. Tighten as required.
- Make sure all safety systems are in working order before operation. The tool must not operate if only the trigger is pulled or if only the contact arm is pressed against the wood. It must work only when both actions are performed. Test for possible faulty operation with nails unloaded and the pusher in fully pulled position.
- Make sure that the trigger is locked when the change lever is set to the LOCK position.
- Check walls, ceilings, floors, roofing and the like carefully to avoid possible electrical shock, gas leakage, explosions, etc. caused by striking live wires, conduits or gas pipes.
- Use only nails specified in this manual. The use of any other nails may cause malfunction of the tool.
- Never use fastener driving tools marked with the symbol “Do not use on scaffoldings, ladders” for specific application for example:
 - when changing one driving location to another involves the use of scaffoldings, stairs, ladders, or ladder alike constructions, e.g. roof laths; 
 - closing boxes or crates;
 - fitting transportation safety systems e.g. on vehicles and wagons.
- Do not permit those uninstructed to use the tool.
- Make sure no one is nearby before nailing. Never attempt to nail from both the inside and outside at the same time. Nails may rip through and/or fly off, presenting a grave danger.
- Watch your footing and maintain your balance with the tool. Make sure there is no one below when working in high locations, and secure the air hose to prevent danger if there is sudden jerking or catching.
- On rooftops and other high locations, nail as you move forward. It is easy to lose your footing if you nail while inching backward. When nailing against perpendicular surface, nail from the top to the bottom. You can perform nailing operations with less fatigue by doing so.
- A nail will be bent or the tool can become jammed if you mistakenly nail on top of another nail or strike a knot in the wood. The nail may be thrown and hit someone, or the tool itself can react dangerously. Place the nails with care.
- Do not leave the loaded tool or the air compressor under pressure for a long time out in the sun. Be sure that dust, sand, chips and foreign matter will not enter the tool in the place where you leave it setting.
- Do not point the ejection port at anyone in the vicinity. Keep hands and feet away from the ejection port area.
- When the air hose is connected, do not carry the tool with your finger on the trigger or hand it to someone in this condition. Accidental firing can be extremely dangerous.
- Handle the tool carefully, as there is high pressure inside the tool that can be dangerous if a crack is caused by rough handling (dropping or striking). Do not attempt to carve or engrave on the tool.
- Stop nailing operations immediately if you notice something wrong or out of the ordinary with the tool.
- Always disconnect the air hose and remove all of the nails:
 1. When unattended.
 2. Before performing any maintenance or repair.
 3. Before cleaning a jam.
 4. Before moving the tool to a new location.
- Perform cleaning and maintenance right after finishing the job. Keep the tool in tip-top condition. Lubricate moving parts to prevent rusting and minimize friction-related wear. Wipe off all dust from the parts.
- When not operating the tool, always lock the trigger by turning the change lever to the LOCK position.
- Do not operate this tool if it does not contain a legible WARNING LABEL.
- Do not modify tool without authorization from Makita.
- Ask Makita’s Authorized service centers for periodical inspection of the tool.
- To maintain product SAFETY and RELIABILITY, maintenance and repairs should be performed by Makita Authorized Service Centers, always using Makita replacement parts.

SAVE THESE INSTRUCTIONS

INSTALLATION

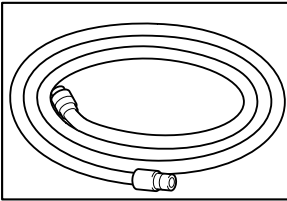
005236



Selecting compressor

- Select a compressor that has ample pressure and air output to assure cost-efficient operation. The graph shows the relation between nailing frequency, applicable pressure and compressor air output. Thus, for example, if nailing takes place at a rate of approximately 50 times per minute at a compression of 0.59 Mpa (5.9 bar), a compressor with an air output over 80 liters/ minute is required. Pressure regulators must be used to limit air pressure to the rated pressure of the tool where air supply pressure exceeds the tool's rated pressure. Failure to do so may result in serious injury to tool operator or persons in the vicinity.

004294



Selecting air hose

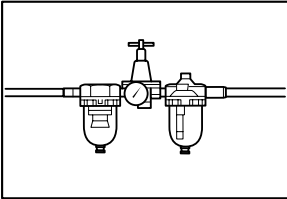
- Use an air hose as large and as short as possible to assure continuous, efficient nailing operation. With an air pressure of 0.49 Mpa (4.9 bar), an air hose with an internal diameter of over 6.5 mm and a length of less than 20 m (6.6 ft.) is recommended when the interval between each nailing is 0.5 seconds. Air supply hoses shall have a minimum working pressure rating of 1.03 Mpa (10.3 bar) or 150 percent of the maximum pressure produced in the system whichever is higher.

⚠ CAUTION:

- Low air output of the compressor, or a long or smaller diameter air hose in relation to the nailing frequency may cause a decrease in the driving capability of the tool.

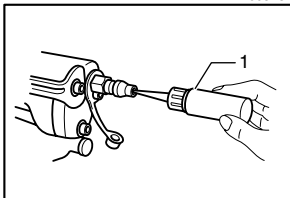
Lubrication

004295



- To insure maximum performance, install an air set (oiler, regulator, air filter) as close as possible to the tool. Adjust the oiler so that one drop of oil will be provided for every 30 nails.

005237

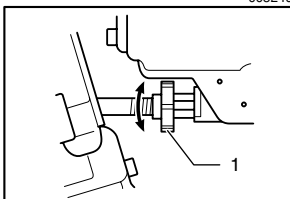


1. Pneumatic tool oil

- When an air set is not used, oil the tool with pneumatic tool oil by placing 2 (two) or 3 (three) drops into the air fitting. This should be done before and after use. For proper lubrication, the tool must be fired a couple of times after pneumatic tool oil is introduced.

FUNCTIONAL DESCRIPTION

005240



1. Adjuster

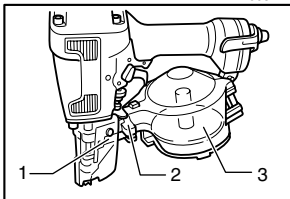
Adjusting depth of nailing

⚠ CAUTION:

- Always lock the trigger and disconnect the hose before adjusting the depth of nailing.
- To adjust the depth of nailing, turn the adjuster so that the arrow above the adjuster will point to the number indicated on the adjuster. The depth of nailing is the deepest when the arrow points to the number 1. It will become shallower as the arrow points to higher number. The depth can be changed in approx. 1.0 mm increments per graduation. If nails cannot be driven deep enough even when the arrow points to the number 1, increase the air pressure. If nails are driven too deep even when the arrow points to the number 9, decrease the air pressure. Generally speaking, the tool service life will be longer when the tool is used with lower air pressure and the adjuster set to a lower number.

ASSEMBLY

005241



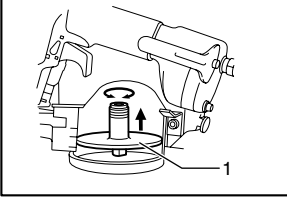
1. Door
2. Latch lever
3. Magazine cap

Loading nailer

⚠ CAUTION:

- Always lock the trigger and disconnect the hose before loading the nailer.
- Select nails suitable for your work. Depress the latch lever and open the door and magazine cap.

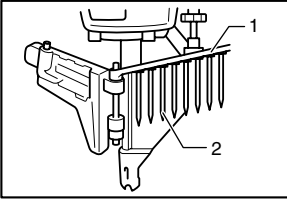
005242



1. Coil support plate

- Lift and turn the coil support plate to set it to the correct step. When loading 57 or 65 mm long nails, use the bottom step. When loading 45 or 50 mm long nails, use the middle step. When loading 32 or 38 mm long nails, use the top step. If the tool is operated with the coil support plate set to the wrong step, poor nail feed or malfunction of the tool may result.

005243

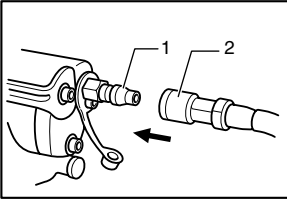


1. Slot
2. Feeder body

- Place the nail coil over the coil support plate. Uncoil enough nails to reach the feed claw. Place the first nail in the driver channel and the second nail in the feed claw. The nail heads must be in the slot in the feeder body. Place other uncoiled nails on feeder body. Close the magazine cap and door after checking to see that the nail coil is set properly in the magazine.

Connecting air hose

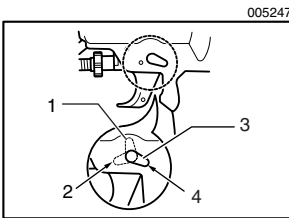
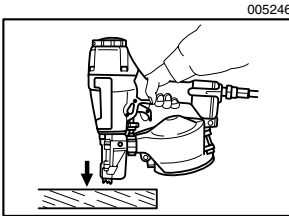
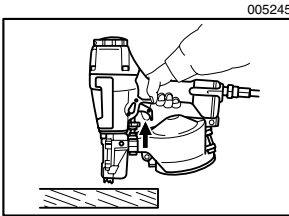
005244



1. Air fitting
2. Air socket

- Lock the trigger. Slip the air socket of the air hose onto the air fitting on the nailer. Be sure that the air socket locks firmly into position when installed onto the air fitting. A hose coupling must be installed on or near the tool in such a way that the pressure reservoir will discharge at the time the air supply coupling is disconnected.

OPERATION



1. Intermittent nailing
2. Continuous nailing
3. Change lever
4. Trigger lock

⚠ CAUTION:

- Make sure all safety systems are in working order before operation.
1. To drive a nail, you may place the contact element against the workpiece and pull the trigger, or
 2. Pull the trigger first and then place the contact element against the workpiece.
- No. 1 method is for intermittent nailing, when you wish to drive a nail carefully and very accurately.
No. 2 method is for continuous nailing.

⚠ CAUTION:

- However when the tool is set to the "Intermittent Nailing" mode, WITH THE TRIGGER HELD IN A HALF-PULLED POSITION, an unexpected nailing could occur, if contact element is allowed to re-contact against the workpiece or the other surface under the influence of recoil. In order to avoid this unexpected nailing, perform as follows;
- A. Do not place the contact element against the workpiece with excessive force.
 - B. Pull the trigger fully and hold it on for 1-2 seconds after nailing.

- For No. 1 method, set the change lever to the "Intermittent Nailing" position. For No. 2 method, set the change lever to the "Continuous Nailing" position. After using the change lever to change the nailing method, always make sure that the change lever is properly set to the position for the desired nailing method.

⚠ CAUTION:

- Operating the tool without nails shortens the life of the tool and should be avoided.

Anti exhaust

- Air exhaust direction can be changed easily by rotating the exhaust cover. Change it when necessary.

Makita Corporation