



# Cordless 34° Gas Powered Framing Nail Gun

## User Manual

[Revision 3.0 February 2019]




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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

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:

 <p>You <b>WILL</b> be KILLED or SERIOUSLY INJURED if you do not follow instructions.</p>	 <p>You <b>CAN</b> be KILLED or SERIOUSLY INJURED if you do not follow instructions.</p>	 <p>You <b>CAN</b> be INJURED if you do not follow instructions or equipment damage may occur.</p>
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It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

## General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

## General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol or medication.
- This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities.

## General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start or run the engine until all leaks are fixed.

## General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors and vents.





















## General Equipment Use and Care














- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids or harsh abrasives.
- For specific equipment safety use and care, see [Equipment Safety](#).

General Electrical Safety	General Electrical Safety	General Service Information
<ul style="list-style-type: none"> <li>• Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.</li> <li>• Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.</li> <li>• When wiring electrically powered equipment, follow all electrical and safety codes.</li> <li>• Wherever possible, use a residual current device (RCD).</li> <li>• High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</li> </ul>	<ul style="list-style-type: none"> <li>• Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.</li> <li>• Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.</li> <li>• Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.</li> <li>• Do NOT use electrical equipment in wet conditions or in damp locations.</li> <li>• Do NOT use electrical cords to lift, move or carry equipment.</li> <li>• Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.</li> </ul>	<ul style="list-style-type: none"> <li>• The equipment must be serviced or repaired at authorised service centres by qualified personnel only.</li> <li>• Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.</li> <li>• Do NOT attempt any maintenance or repair work not described in this manual.</li> <li>• After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before making adjustments, changing accessories or performing repair or maintenance.</li> <li>• Do NOT make adjustments while the equipment is running.</li> <li>• Perform service related activities in suitable conditions, such as a workshop.</li> <li>• Replace worn, damaged or missing warning/safety labels immediately.</li> </ul>

## Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc, replace them.

 <p><b>Flammable Material Hazard</b> Flammable liquids, gases or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p><b>Read User Manual</b> Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p><b>Use Hand Protection</b> Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p><b>Electrocution / Electrical Shock Hazard</b> High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p><b>Toxic Fumes / Dust Hazard</b> Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p><b>Explosive Material Hazard</b> Combustible liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p><b>Cutting / Amputation Hazard</b> The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p><b>Crush Hazard</b> The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Single Operator Only</b> The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p><b>Use Face Protection</b> Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p><b>Use Foot Protection</b> Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p><b>Use Eye / Ear / Head Protection</b> Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing and head hazards.</p>	 <p><b>Running Hazard</b> Do not run on or near the product as doing so may present a fall hazard.</p>	 <p><b>Diving Hazard</b> Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p><b>Adult Supervision Required</b> Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p><b>Skin Penetration / Puncture Hazard</b> The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p><b>Hot Surface Hazard</b> Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p><b>Flying Debris Hazard</b> Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p><b>Moving Parts Hazard</b> Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>

 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p><b>Pull Hazard</b> Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Slope / Fall Injury Hazard</b> Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p><b>"Slam Dunk" Warning</b> Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p><b>Electrocution / Electrical Shock Hazard - Outdoor</b> High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp or wet conditions. Electrical shock can be fatal.</p>	 <p><b>Electrocution / Electrical Shock Hazard - Disconnect</b> High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p><b>Power Line Electrocution Hazard</b> High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p><b>"Kick-Back" Hazard</b> High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p><b>Winch Operator Position Hazard</b> Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p><b>Winch Lift Hazard</b> Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p><b>Cable Hazard</b> Ensure that load bearing cable is not kinked or knotted.</p>	 <p><b>Winch Cable Hazard</b> Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p><b>Winch Hook Hazard</b> Carry hook to load – do NOT throw or run.</p>			

# Equipment Safety



Nail guns are high-speed equipment that can cause serious or fatal injury if not used correctly or without taking proper safety precautions. **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. It is extremely important that you read and fully understand the information in this section and all other safety warnings / recommendations and usage instructions before using the equipment.**

## Operator

- The equipment is designed for domestic use only.
- If you are untrained in the use of a nail gun, it is highly recommended that you be trained/instructed by a suitably qualified or experienced user before using the tool.
- Fully understand how to safely operate the tool and the various attachments. See [Operation](#).
- NEVER operate the tool when tired, or under the influence of any substance (medication, alcohol, drugs etc) that may impair your judgement, alertness, physical strength, vision or dexterity.
- Maintain sure-footing and balance always when using or handling the tool and have full awareness of your surroundings and any possible hazards.
- Be aware that some parts of the tool may become hot during use and remain hot for a period after use.

## Clothing and Protective Equipment – All Operators and Assistants

- Wear approved safety goggles, or safety glasses with adequate top and side protection.
- Wear suitable hearing protection.
- Wear approved heavy-duty safety boots, with steel toe-caps and non-slip soles.

## Work Area Safety

- NEVER point the tool at any person, animal etc. Always assume the tool is loaded with fasteners.
- Fuel cells contain highly flammable chemicals, at high pressure. Do NOT use in environments where sparks, flames or other sources of ignition may be present. Do NOT smoke when using the tool or handling fuel cells.
- Fuel cell gas and tool emissions are toxic – ALWAYS use the tool in well-ventilated areas.
- Be aware of wiring, plumbing etc that may be pierced or contacted by nails. Before commencing work, ensure that there is no possibility of contacting live electrical wiring, gas or water plumbing etc.

## Operational Safety

- Do NOT use the tool if the trigger or any safety guard or mechanism is not installed or is not operating correctly – have the tool inspected and repaired at an authorised service centre before using it again.
- Fully understand how to safely operate the tool and the various attachments. See [Operation](#).
- ALWAYS remove the battery and fuel cell cartridge from the tool before performing any maintenance activities, loading nails, clearing nails jams etc.
- Always hold the tool firmly during operation, while allowing it to recoil away from the work surface as the fastener is driven. If the firing tip is allowed to contact the work surface again before the trigger is released, an unwanted fastener may be fired.
- Do NOT drive fasteners on top of other fasteners, or with the tool at a steep angle – the fastener may ricochet and cause injury.
- Do NOT drive fasteners close to the edge of the work piece. The work piece may split and allow the fastener to fly free or ricochet and cause injury.
- Do NOT use the equipment for purposes it is not designed for.
- ALWAYS use accessories (nails, fuel cell cartridges etc) that are directly compatible with the tool.

- If a nail jam occurs, clear the jam before using the tool again.
- Check operation of the firing tip before each use.
- Do NOT allow your hands, feet or face within 200mm (8") of the firing tip when using the tool.
- Follow all safety precautions recommended by fuel cell manufacturers.

#### **Transportation / Storage Safety**

- When transporting or storing the tool, ensure that the battery, fuel cell and nails are removed from the tool, and that all safety devices or mechanisms are engaged. Transport the tool in its case (if applicable).
- Do NOT store fuel cells or batteries in direct sunlight, enclosed vehicles etc. Always keep them below 50°C (120°F).



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# Parts Identification



Accessories, such as additional batteries, lubricant, nails etc may be supplied.



No.	Name	No.	Name
1	Tool Body	12	Fasteners / Accessories:
2	Nail Magazine		3 / 4 / 5mm Allen Key
3	Nail Feeder / Clip		Lubricant
4	Firing Tip		Fuel Cell Adaptor (includes spares)
5	Trigger		Piston O-Ring (technician use only)
6	Battery Status Indicator		Spark Plug (technician use only)
7	Gas Cartridge Cover		
8	Hook		
9	Battery Charging Dock		
10	Battery		
11	Battery Charger Power Supply		

# Batteries and Battery Charging



Charge batteries before use. • A battery that is new or has not been used for a long period does not charge to full capacity until after approximately 5 charge/discharge cycles. • Do not recharge batteries after using them if they are not to be used for an extended period. • Recharge batteries only as and when required. • If the battery is warm after use, allow it to cool before charging, otherwise it may not fully charge. • Use only with the batteries and battery charger specified by the manufacturer. • Batteries can explode in the presence of an ignition source, such as a pilot light. Never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals. • Do not use the charger in wet areas or expose it to rain or water. • Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug. • Do not open the battery – danger of short-circuiting and/or explosion. • Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result. • For best results, charge batteries in temperatures between 7°C (45°F) and 40°C (104°F). • Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations. Charging time varies for different battery types depending on battery capacity and charger output etc. • To prolong battery life, avoid leaving the battery pack on charge for extended periods (over 30 days without use). • During charging, the battery may become warm and some noise may be emitted – this is normal.

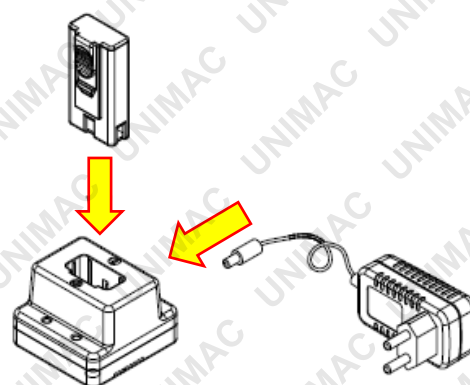
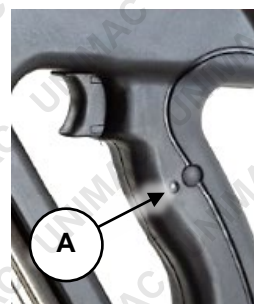
## Charging

Generally, if the tool stops during use, or the tool fan slows considerably, it indicates that the battery needs charging. The tool includes a battery status indicator (A) on the handle (battery must be inserted into the tool for the indicator to function):

- **Green Flash** – The battery has sufficient charge for normal use.
- **Green ON** – Tool in use.
- **Red Flash** – Battery requires charging.
- **Red Fast Flash** – Tool fault detected.

The battery charger has charge status LED indicators:

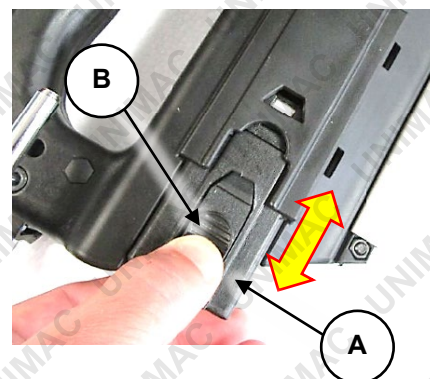
- **Red ON** – Charging.
  - **Green ON** – Battery charged.
1. Insert the battery into the charging dock.
  2. Connect the charging dock to the transformer.
  3. Plug the battery charger power supply into an electrical outlet and switch on. The battery charger indicator LEDs will indicate battery charge status. Charging takes approximately 2 hours from fully discharged.
  4. When the battery is fully charged, unplug the charger from power supply and remove the battery from the charging dock.



## Inserting and Removing the Battery

Insert the battery (A) into the back of the magazine until it "clicks" into place.

To remove the battery, press and hold the lock button (B) down and simultaneously pull the battery from of the tool.



# Operation



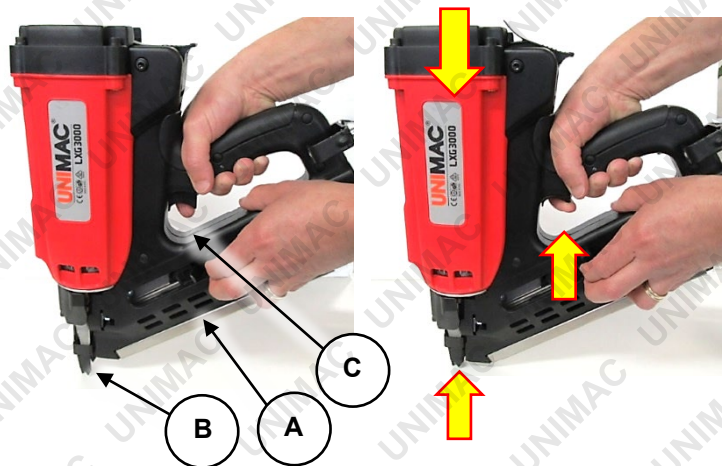
Nail guns are high-speed equipment that can cause serious or fatal injury if not used correctly or without taking proper safety precautions. **ENSURE THAT NO PART OF ANY HUMAN, ANIMAL OR CLOTHING IS PLACED IN/NEAR THE AREA WHERE NAILS ARE FIRED OUT OF THE GUN, REGARDLESS OF WHETHER YOU THINK THE GUN IS EMPTY OR LOADED WITH NAILS. It is extremely important that you read and fully understand the information in this section and all other safety warnings / recommendations and usage instructions before using the equipment.** • Always wear suitable protective clothing and equipment when using the tool. • Inspect the tool before each use and check for wear or damage. If the tool is damaged, have it inspected and repaired at an authorised service centre before using it again. • If you experience abnormal behaviour from the tool during operation, this is an indication of wear or damage. It is recommended to have it inspected and repaired at an authorised service centre before using it again. • Before use, ensure the battery is adequately charged. • Only framing gas cartridges should be used in this nail gun. Finishing gas cartridges are not suitable.

## Before Use - Check the Contact Safety Pin and Trigger Mechanism



**Before loading nails and using the tool, perform the following procedure to ensure that the contact firing safety mechanism is operating correctly. If it is not, do NOT use the tool – have it inspected and repaired by an authorized service centre or technician.**



1. Remove the battery from the tool.
2. Remove all nails from the magazine.
3. Attempt to operate the trigger – it should remain in the locked position.
4. While holding the nail feeder (A) near the centre of the magazine (to simulate loaded nails), press the safety contact tip (B) against an object (wood ideally) until it is fully retracted and hold in this position.
5. Pull the trigger (C), then release it – it should immediately return to the un-pulled position.



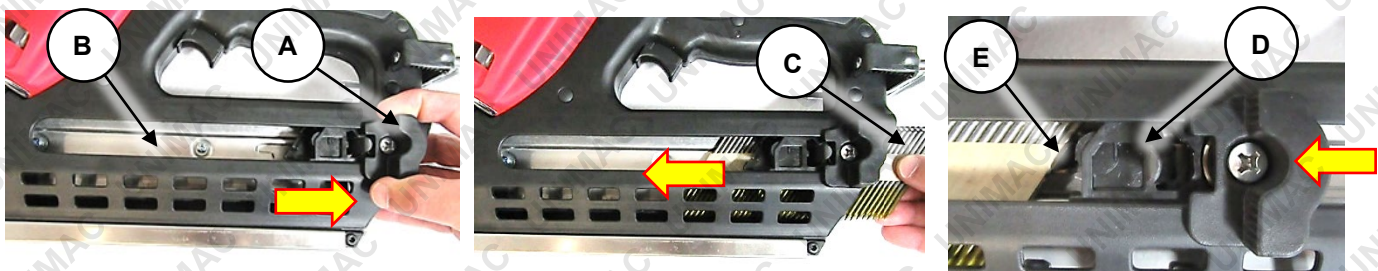
6. Remove the safety contact tip from the object – it should immediately return to the fully extended position.
7. Install the [battery](#) and [fuel cell](#).
8. While holding the nail feeder (A) near the centre of the magazine (to simulate loaded nails), press the safety contact tip (B) against an object (wood ideally) until it is fully retracted (do NOT pull the trigger) – the tool MUST NOT fire.
9. Remove the safety contact tip from the object while holding the nail feeder (A) near the centre of the magazine (to simulate loaded nails) – it should immediately return to the fully extended position. Pull the trigger and hold for at least 5 seconds – the tool MUST NOT fire.
10. While holding the nail feeder (A) near the centre of the magazine (to simulate loaded nails), place the safety contact pin on the work piece and press the machine down to push the safety contact pin in, then pull the trigger, the machine MUST fire.



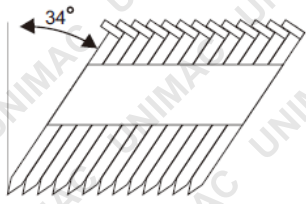
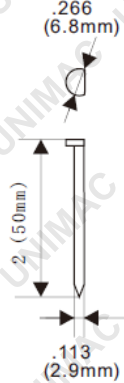

# Loading Fasteners

  ALWAYS remove the battery and fuel cell before loading / unloading fasteners. • Do NOT have the safety contact tip against any surface or activate the trigger at any time when loading / unloading fasteners. • Do NOT load fasteners of different lengths. • Use 34° nail strips only. • When the number of remaining fasteners is under 10, the tool may stop operating until further fasteners are loaded.

1. Pull the nail feeder (A) back to the rear of the magazine (B) until it remains in the locked position.
2. Insert the nail strip (C) fully into the magazine from the rear of the tool.
3. Pull the lever (D) on the nail feeder to release it from the locked position, then release the lever to allow the "shoe" (E) to lower. Gently move the nail feeder forward in the magazine so the shoe is pushing against the last nail in the nail strip.



## Compatible Fastener Size

Paper collated strip nails Clipped-head nails	Min.	Max.
		

## Loading Fuel Cells

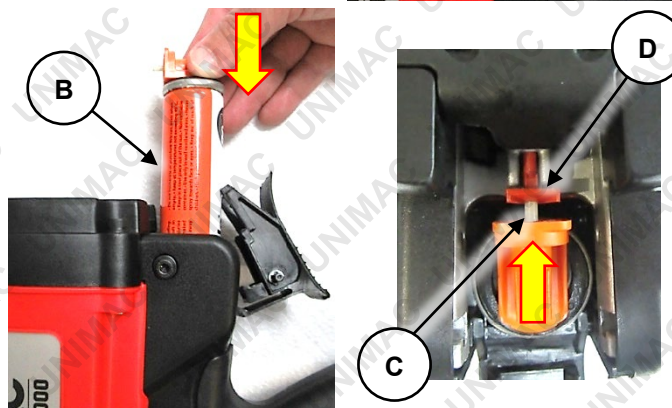


ALWAYS remove the battery before loading / unloading a fuel cell. • Do NOT have the safety contact tip against any surface or activate the trigger at any time when loading / unloading a fuel cell. • Prepare the fuel cell for use and follow all safety warnings according to the manufacturer's instructions.

1. Open the fuel cell compartment cover (A) by pushing it forward, then lifting – once the locking pins are free of the guide grooves in the tool, the cover can be pivoted to the fully open position.



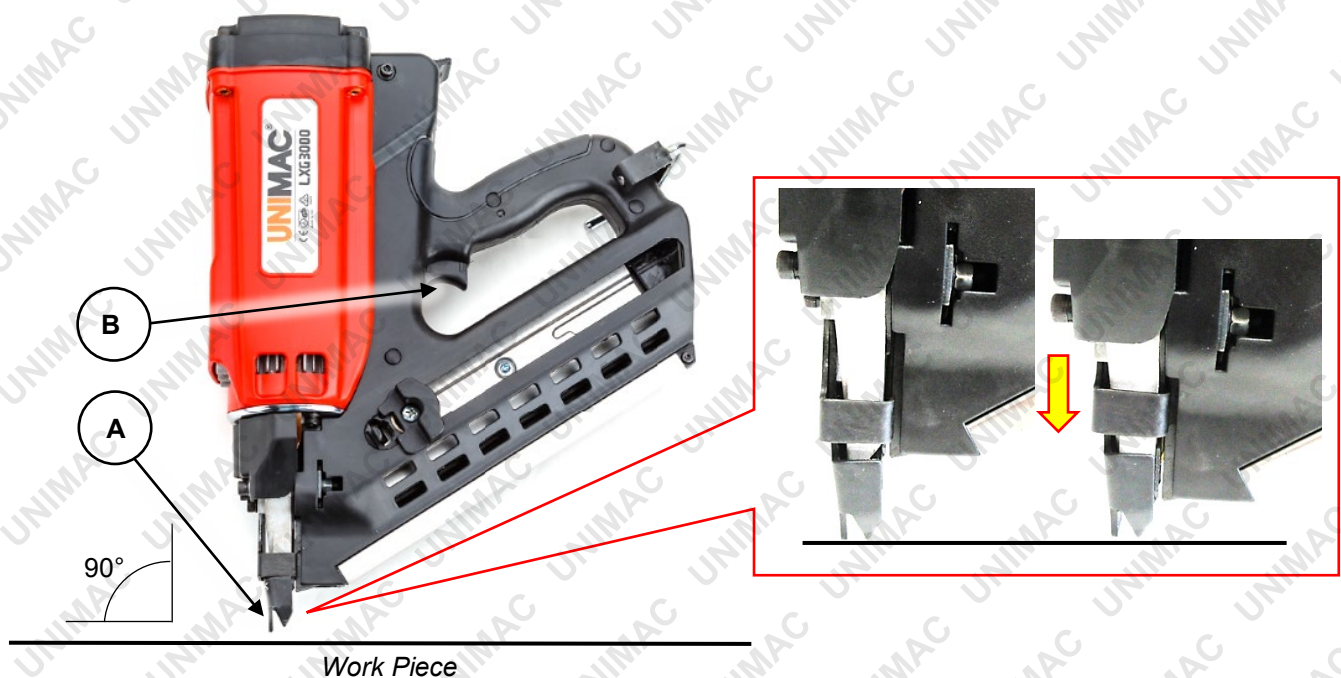
2. Gently insert the fuel cell (B) fully into the fuel cell compartment.
3. Carefully insert the valve stem (C) of the fuel cell into the fuel cell adaptor (D).
4. Close the fuel cell compartment cover by pivoting it around so the pins in the cover enter the guide grooves, then pushing it forward then down so it is firmly locked in position.



# Nailing



Do NOT keep the trigger pulled when the machine is not in use or modify the trigger to remain pulled after it is released. • Before use, check that the fasteners are loaded correctly in the magazine, ensure the battery is charged, and that the fuel cell is not empty. • Always hold the tool firmly and parallel to the work piece so that the fasteners are driven in at 90° to the work surface. • Always take care to avoid damage to the safety contact tip – do NOT apply force to it when the tool is not ready for normal operation (nails loaded, battery and fuel cell installed). • NEVER point the tool at any person, animal etc. Always assume the tool is loaded with fasteners. • Fuel cells contain highly flammable chemicals, at high pressure. Do NOT use in environments where sparks, flames or other sources of ignition may be present. Do NOT smoke when using the tool or handling fuel cells. • Fuel cell gas and tool emissions are toxic – ALWAYS use the tool in well-ventilated areas. • Be aware of wiring, plumbing etc that may be pierced or contacted by nails. Before commencing work, ensure that there is no possibility of contacting live electrical wiring, gas or water plumbing etc. • Do NOT use the tool if the trigger or any safety guard or mechanism is not installed or is not operating correctly – have the tool inspected and repaired at an authorised service centre before using it again. • Fully understand how to safely operate the tool and the various attachments. • ALWAYS remove the battery and fuel cell cartridge from the tool before performing any maintenance activities, loading nails, clearing nails jams etc. • Always hold the tool firmly during operation, while allowing it to recoil away from the work surface as the fastener is driven. If the firing tip is allowed to contact the work surface again before the trigger is released, an unwanted fastener may be fired. • Do NOT drive fasteners on top of other fasteners, or with the tool at a steep angle – the fastener may ricochet and cause injury. • Do NOT drive fasteners close to the edge of the work piece. The work piece may split and allow the fastener to fly free or ricochet and cause injury. • Do NOT use the equipment for purposes it is not designed for. • ALWAYS use accessories (nails, fuel cell cartridges etc) that are directly compatible with the tool. • If a nail jam occurs, clear the jam before using the tool again. • Check operation of the firing tip before each use. • Do NOT allow your hands, feet or face within 200mm (8") of the firing tip when using the tool. • Follow all safety precautions recommended by fuel cell manufacturers.



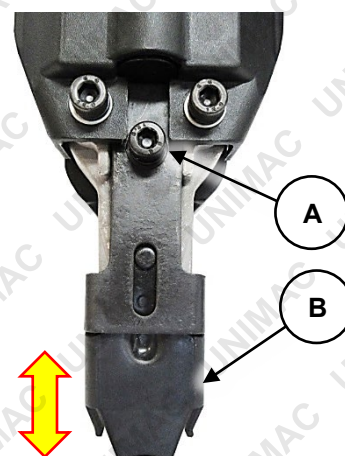
1. Press the safety contact pin (A) against the work piece so the safety contact pin is pushed in.
2. Pull the trigger (B) to fire the fastener.
3. Release the trigger and lift the tool from the work piece so the safety contact pin extends.
4. Repeat 1 to 3 for each fastener.



## Depth Adjustment

Depth adjustment helps protect work surface and allows proper setting of nail heads – set the depth so the nail head sits just beneath the work surface. Always hold the tool firmly against the work-piece to ensure consistent nailing depth. To adjust nailing depth:

1. Remove the battery, fuel cell and nails from the tool.
2. Loosen (do not remove) the safety contact tip (A) locking bolt (B) using a 4mm Allen key.
3. Move the safety contact tip UP to INCREASE nailing depth or DOWN to DECREASE nailing depth, as required.
4. Firmly tighten the locking bolt.
5. Test the tool to ensure correct depth adjustment. Re-adjust as required.



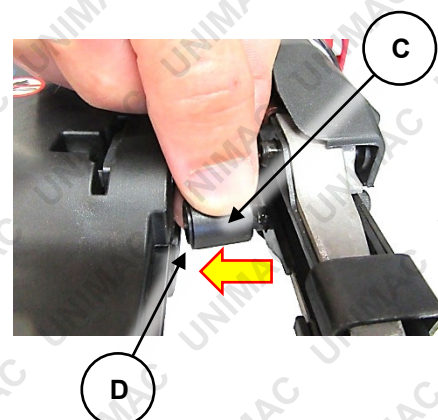
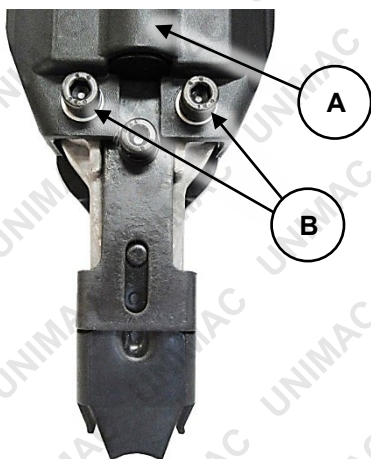
## Removing Jammed Fasteners



You must remove jammed fasteners before using the tool any further, otherwise personal injury and/or damage to the tool may result.

A fastener jam will prevent the tool from operating normally. To remove jammed fasteners:

1. Remove the battery, fuel cell and nails from the tool.
2. Unscrew and remove the nailing head (A) bolts (B) using a 4mm Allen key. Note that the bolts have a lock washer and flat washer under the bolt head.
3. Swing the magazine away from the nailing head to access the jammed fastener(s).
4. For the jammed fasteners, attempt to remove them with pliers or similar, however, do not use excessive force.
5. Re-install the nailing head bolts and washers. Note that if the collets (C) fall from the magazine, re-install them with the collar-end (D) facing into the magazine.





# Maintenance



Remove the battery and fuel cell from the tool before performing any maintenance. • The tool should be cool enough to touch before performing maintenance activities. • Some maintenance activities described may be beyond the scope of some users. Do NOT attempt procedures that you are not comfortable with, or do not have the necessary tools, experience or knowledge for – take the unit to an authorised service centre or qualified technician for servicing. • **Failure to follow the maintenance recommendations, using incorrect or non-compatible accessories or replacement parts, or general negligence may result in making the product warranty void.**

- Clean the tool after EVERY use with a soft cloth – do NOT use water, solvents, abrasives etc. Remove any debris from the magazine, safety contact pin, nailing head and tool ventilation slots using a soft brush.
- Regularly lubricate the nail feeder slide, magazine backing plate and all moving parts / pivots using a light machine oil (may be supplied). Do not over-lubricate. Ensure that the nail feeder slides smoothly and travels the length of the magazine fully.
- When transporting or storing the tool, ensure that the battery, fuel cell and nails are removed from the tool, and that all safety devices or mechanisms are engaged. Transport the tool in its case (if applicable).
- Do NOT store fuel cells or batteries in direct sunlight, enclosed vehicles etc. Always keep them below 50°C (120°F).

## Troubleshooting

The following information may assist in identifying a problem and rectifying it.

### Tool will not operate.

Possible Fault	Action
No voltage	Ensure the <a href="#">battery is charged</a> and is correctly inserted.



Indicator flashing red / motor fault	Have tool inspected and repaired at an authorised service centre.
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### Tool operates, but not driving nails.

Possible Fault	Action
Empty fuel cell	Ensure that a <a href="#">fuel cell is loaded</a> and that it is not empty.



No nails, or incompatible nails	<a href="#">Load nails</a> . Ensure nails are <a href="#">compatible</a> in size and head type.
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Nail feeder jam or nail jam.	<a href="#">Clean and lubricate</a> nail feeder and magazine. <a href="#">Remove jammed nails</a> if applicable.
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Other tool fault	Have tool inspected and repaired at an authorised service centre.
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### Skiping nails / intermittent feed.

Possible Fault	Action
Incompatible nails	Ensure nails are <a href="#">compatible</a> in size and head type.



Nail feeder jam or nail jam.	<a href="#">Clean and lubricate</a> nail feeder and magazine. <a href="#">Remove jammed nails</a> if applicable.
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Low fuel cell	<a href="#">Use new fuel cell</a> .
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Other tool fault	Have tool inspected and repaired at an authorised service centre.
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**Nails driven too deep or not deep enough.**

Possible Fault	Action
Incorrect depth setting	<a href="#">Adjust nailing depth.</a>

**Nails jamming often or not being driven straight.**

Possible Fault	Action
Incompatible nails	Ensure nails are <a href="#">compatible</a> in size and head type.



Nail feeder dirty.	<a href="#">Clean and lubricate</a> nail feeder and magazine.
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Nail hammer fault	Have tool inspected and repaired at an authorised service centre.
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Other tool fault	Have tool inspected and repaired at an authorised service centre.
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**Gun jamming and not firing.**

Possible Fault	Action
<i>It's possible that if a clip with fewer than 10 nails were inserted to start with, the nail may jam at an angle and not being detected.</i>	Try removing the short clip and insert a full clip of nails, this should rectify the issue. The short clip of nails can then be added to the magazine.

## Specifications

Battery Charger Electrical Requirements	240VAC / 50Hz
Battery Type	7.4V 1.2Ah Lithium-Ion
Nail Size Range	50mm (2") to 90mm (3.5") length / 2.9mm (0.113") to 3.3mm (0.131") diameter
Nail Type	48 nail paper collated strip, 34° clipped head



**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](http://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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