



360W
MAGNESIUM
ALLNAILER®
ACALN
INSTRUCTION MANUAL

GMC®
GLOBAL MACHINERY COMPANY

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Warranty Power Tools

Whilst every effort is made to ensure your complete satisfaction with this tool, occasionally, due to the mass manufacturing techniques, a tool may not live up to our required level of performance and you may need the assistance of our service department.

This product is warranted for a 2-year period for home domestic use from the date of the original purchase. If found to be defective in materials or workmanship, the tool or the offending faulty component will be repaired or replaced free of charge with another of the same item. A small freight charge may apply. Proof of purchase is essential. We reserve the right to reject any claim where the purchase cannot be verified.

This warranty does not include damage or defects to the tool caused by or resulting from abuse, accidents, alterations or commercial or business use. It also does not cover any bonus items or included accessories. Only the power tool is covered under this warranty.

With continuing product development, changes may have occurred which render the product received slightly different to that shown in this instruction manual.

Please ensure that you store your receipt in a safe place. Conditions apply to the above warranty. For full details of the warranty terms and conditions please refer to our website – **www.gmcompany.com**

For prompt service we suggest you log your service request online - www.gmcservice.com.au, should you not have access to the internet, please contact our service department on 1300 880 001 (Australia) or 0800 445 721 (New Zealand).

Introduction

Your new GMC power tool will more than satisfy your expectations. It has been manufactured under stringent GMC Quality Standards to meet superior performance criteria.

You will find your new tool easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION. Carefully read through this entire Instruction Manual before using your new GMC Power Tool. Take special care to heed the Cautions and Warnings.

Your GMC power tool has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this tool, making it easy to maintain and operate.

Environmental protection



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

Description of symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



Wear hearing protection.

Wear eye protection.

Wear breathing protection.



Double insulated for additional protection.



Conforms to relevant standards for electromagnetic compatibility.



For safe operation read instruction manual.

Specifications

Voltage:	230–240V ~ 50Hz
Input power:	360W
Hammer rate:	0–4200 min ⁻¹
Nail length:	40mm (1-5/8") to 150mm (6")
Nail type:	Accepts all commonly available nail types including oval brad nails, round shank nails and serrated nails
Nail head size:	Maximum of 10mm
Depth of nail (The value given is approximate only as the depth will depend on the hardness of the wood into which the nail is driven):	
Position 1:	Nail head underflush by 1mm
Position 2:	Nail head level with surface
Position 3:	Nail head 5mm proud from surface
Position 4:	Nail head 10mm proud from surface
Sound pressure value:	91.9dB(A)
Net weight:	2.7kg

General safety rules

WARNING. Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term “power tool” in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

Save these instructions

1. Work area

a. Keep work area clean and well lit.

Cluttered and dark areas invite accidents.

b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. Electrical safety

a. Power tool plugs must match the outlet.

Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.

There is an increased risk of electric shock if your body is earthed or grounded.

c. Do not expose power tools to rain or wet conditions.

Water entering a power tool will increase the risk of electric shock.

d. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool.

Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

3. Personal safety

a. Stay alert, watch what you are doing and use common sense when operating a power tool.

Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b. Use safety equipment. Always wear eye protection.

Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c. Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

d. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

4. Power tool use and care

a. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Additional safety rules for nailers

1. Use only the nail types indicated in this manual.
Use of accessories that are not designed for this tool could result in personal injury and / or damage to the tool.
2. Do not touch metal parts of tool during operation.
Hold only the handle or housing of the tool.
3. Do not activate the trigger switch unless the nail is in contact with the workpiece. Serious injury can result from improper operation.
4. The tool should only be used for the purpose it was designed as outlined in this manual. Do not use it on hard surfaces like rock or concrete. Personal injury or damage to the tool could result.
5. Take care when nailing thin material. Special caution must be taken for possible penetration of nails through thin material. This could cause harm to anyone behind the workpiece or in the immediate area.
6. Do not overheat the tool. During operation, the nailer may feel warm to the touch. This is normal. However, if the nailer starts to feel hot, discontinue use until the unit cools down.

The tool must be used only for its prescribed purpose.

Any use other than those mentioned in this manual will be considered a case of misuse. The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse.

To use this tool properly, you must observe the safety regulations, the assembly instructions and the operating instructions to be found in this manual. All persons who use and service the machine have to be acquainted with this manual and must be informed about its potential hazards. Children and infirm people must not use this tool. Children should be supervised at all times if they are in the area in which the tool is being used. It is also imperative that you observe the accident prevention regulations in force in your area. The same applies for general rules of occupational health and safety.

The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes.

Even when the tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

1. Damage to hearing if ear protection is not worn.
2. Injury from nails if the safety instructions are not followed.

Know your product

1. On/off trigger switch with variable speed control
2. Power cord
3. Nail gripping jaws
4. Jaw release button
5. Depth adjustment dial
6. Safety switch
7. Non marking jaw protector



Accessories

We recommend that you buy all your accessories such as nails from the store where you bought the tool. Use good quality accessories with a well-known brand name. Store personnel can help and advise (Fig. A).



Unpacking

Due to modern mass production techniques, it is unlikely that your power tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

Assembly

The ACALN Allnailer® is packed fully assembled.

Adjusting the depth of nail penetration

1. The depth adjustment dial can be set to 4 different positions in order to vary the depth of nail penetration as follows:

Depth setting values (approximate only)	
Position	Depth
1	Nail head underflush by 1mm
2	Nail head level with the surface
3	Nail head 5mm proud from surface and suitable for hanging heavy objects (ensure that the mounting surface is capable of taking the weight loading)
4	Nail head 10mm proud from surface and suitable for hanging lighter objects (ensure that the mounting surface is capable of taking the weight loading)

2. Press in then turn the depth adjustment dial (5) to the appropriate level (Fig. B).



Installing the non-marking jaw protector

The Allnailer® comes supplied with a non marking jaw protector (7) designed to protect the workpiece surface from the jaw hammer impacts. This is the ideal accessory when using the Allnailer® as a finisher nailer (i.e. on decking, when building furniture, fitting skirting boards or architraves). Installing the non marking jaw protector (7) is easy, just follow the following steps;

1. Slide the non marking jaw protector (7) directly over the nail gripping jaws (3). Make sure that the gripping jaws (3) line up with the non marking jaw protector (7) (Fig. C).
2. Secure the non marking jaw protector (7) by pressing and positively engaging the cover and locking it over the side ribbed section of the nail gripping jaws (3) (Fig. D).



Note. When using the non marking jaw protector (7) the nail will not finish flush.

Note. The nail depth adjustment gauge (5) has been set in accordance with the nail gripping jaws and not with the non marking jaw protector (7). Hence the depth adjustment dial gauge and pre set driving capacity does not apply when using the non marking jaw protector (7). We recommended that when using the non marking jaw protector (7) that you trial the depth adjustment gauge (5) settings on a test piece of timber prior to applying it to the workpiece, then set the depth adjustment gauge (5) accordingly.

Operation

WARNING. Make sure your finger is not on the trigger switch (1) when loading nails into the tool (Fig. E).

Safety switch

1. The nailer is protected against accidental operation by the safety switch (6). When this switch is in its mid position the trigger switch (1) is inoperable (Fig. F).

DANGER. Always set the safety switch (6) to the mid position when not actually using the nailer.

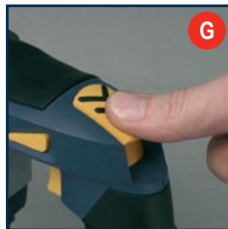
Ensure that the safety switch (6) is pressed in. You can press this switch from either side.

Loading a nail

1. Hold the nailer in the operating position and use your thumb to press the jaw release button (4) (Fig. G).
2. Insert the nail, head first, between the jaws (3) as far as it will go and then release the jaws by taking your thumb off the jaw release button (4) (Fig. H).

Note. The nailer accepts nails from 40mm (1 5/8") to 150mm (6") long. The shank can be oval, round or serrated. The head must not be more than 10mm (3/8") in diameter.

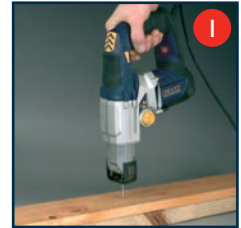
You are now ready to use the nailer.



Note. This product is designed for intermittent use. The recommended operational duration is 10 seconds on and 10 seconds off. Please operate accordingly.

Driving a nail

1. Once the nail is inserted in the jaws and button (4) is released, the nail can be driven into the workpiece.
2. Hold the tool such that the nail is guided into the workpiece by the automatic hammering process (Fig. I).
3. Squeeze the trigger switch (1) (Fig. J).
4. When the nail has been driven to the required depth, release trigger switch (1) and either return the safety switch (6) to its mid position or use the release button (4) to open the jaws and insert another nail.



Note. It is best to trial the depth adjustment setting using the same type of nail on a scrap piece of wood of the same type as the workpiece. It may be necessary to change the depth setting to suit the circumstances.

Note. The nail can be driven between the perpendicular and 45°.

WARNING. To avoid personal injury, keep your fingers away from the trigger switch (1) until you are ready to drive a nail. Do not point the nailer at anyone when a nail is loaded into the nailer.

Variable speed

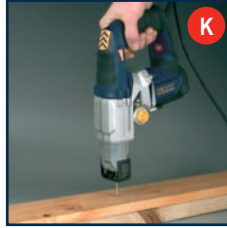
The variable speed feature enables you to select the best speed for a particular application.

The farther you squeeze the trigger, the faster the tool will operate.

Use lower speeds for starting and when hammering large nails into hard wood.

Increase the speed to suit the application (Fig. K).

Note. It is recommended to use the variable speed feature for short periods at a time. Do not continuously operate the tool at different speeds. It may damage the switch.



Maintenance and repair

General Inspection

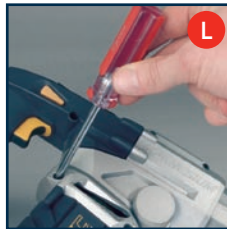
Regularly check that all the fixing screws are tight. They may vibrate loose over time (Fig. L).

Maintenance

WARNING. Always ensure that the tool is switched off and that the power cord is removed from the power supply before making any adjustments or maintenance procedures.

Store the tool instruction manual and accessories in a secure place. In this way you will always have all the parts ready to hand.

Re-lubricate all moving parts at regular intervals.



CAUTION. Do not use cleaning agents to clean the plastic parts of the nailer. A mild detergent on a damp cloth is recommended. Water must never come into contact with the tool.

Cleaning

1. Keep your machine and its cord clean. The outside of the machine can be cleaned using a soft brush or damp soft cloth with a mild detergent if required (Fig. M).
2. Some maintenance products and solvents may damage the plastic parts; these include products containing benzene, trichloroethylene, chloride and ammonia.
3. Excessive sparking generally indicates the presence of dirt in the motor or abnormal wear on the carbon brushes.
4. Take special care to keep the ventilation inlets/outlets free from obstruction; cleaning with a soft brush followed by a compressed air jet will usually be sufficient to ensure acceptable internal cleanliness.
5. Wear eye protection when carrying out cleaning.



CAUTION. Do not use cleaning agents to clean the plastic parts of the drill.

Power cord maintenance

If the supply cord needs replacing, the task must be carried out by the manufacturer, the manufacturer's agent, or an authorised service centre in order to avoid a safety hazard.

GMC customer assist

If your product needs repairing, replacing, technical service or you simply need help or advice, please contact us on our Customer Assist Line 1300 880 001 (Australia) or 0800 445 721 (New Zealand).

For prompt service we suggest you log your service request online at www.gmcservice.com.au. Should you not have access to the Internet, please contact our service department on **1300 880 001 (Australia) or 0800 445 721 (New Zealand)**.
7am – 7pm, 7 days a week (AEST).

Please note that if repair or replacement is required, you must provide a valid original purchase receipt.

You will need the following details at hand to log your service request;

Personal details: First & Last name, address, pick up address, contact phone numbers, email address

Product details: Product number, date of purchase, retailer bought from, State & postcode, receipt number, reason for the request, copy of official purchase receipt

Attach your purchase receipt and save with this Manual for future reference.

Please refer to our website www.gmcompany.com for full GMC warranty Terms and Conditions.

Attach Your
Receipt Here

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