GMC®

GLOBAL MACHINERY COMPANY

INSTRUCTION MANUAL

1200W

184mm (7-1/4")
Circular Saw

2 YEAR REPLACEMENT WARRANTY

30 DAY SATISFACTION GUARANTEE

· London · Melbourne · Perth · Shanghai · Taipei
· Verona · Hong Kong · New York · Auckland ·

MX1275

050805 ED6 PW

Contents

Full 2 Years Home Use Warranty

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 replaced free of charge with another of the same item. A small freight charge may apply.

The warranty replacement unit is only made available by returning the tool to the place of purchase with a confirmed register receipt. 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 accessories unless the tool is a GMC Platinum Professional model.

Please ensure that you store your receipt in a safe place.

Conditions apply to the above warranty.

If you need direction of what constitutes a free of charge warranty claim, please review the guide given on the rear of the Receipt Holder. An indication is given as to the types of claim that are permissible, and those that are not.

Dear Customer

If you require any help with your product, whether it is a Warranty claim, spare part or user information:

Please phone our Help Line for an immediate response. The appropriate number is given on the rear page of this manual.

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 to 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.

Specifications

Voltage:	*230–240V ~ 50 Hz*
Input power:	*1200W*
No load speed:	*5000 RPM*
Insulation:	*Double insulated*
Blade diameter:	*Ø184mm*
Blade teeth:	*24 TCT*
Blade arbour:	*16mm*
Blade kerf:	*2.4mm*
Bevel angle range:	*0° to 45°*
Depth of cut at 90°:	*65mm*
Depth of cut at 45°:	*43mm*
Weight:	*4.6kg*

***Note.** The manufacturer may fit a different blade.*

Warnings.

1. *Never use a blade thinner than 1.2mm or thicker than 2.5mm*
2. *Do not use High Speed Steel (HSS) blades.*

General safety instructions

WARNING. *Read and understand 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 below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

Save these instructions

Work area

- ***Keep work area clean and well lit.*** *Cluttered and dark areas invite accidents.*
- ***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.*
- ***Keep children and bystanders away while operating a power tool.*** *Distractions can cause you to lose control.*

Electrical safety

- ***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.*
- ***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.*
- ***Do not expose power tools to rain or wet conditions.*** *Water entering a power tool will increase the risk of electric shock.*
- ***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.*
- ***When operating a power tool outdoors, use an outdoor extension cord suitable for outdoor use.*** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*

Personal safety

- ***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.*
- ***Use safety equipment.*** *Always wear eye protection. Safety equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- ***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.*
- ***Remove any adjusting key or wrench before turning the tool on.*** *A wrench or a key that is left attached to a rotating part of the power tool may result in personal injury.*
- ***Do not overreach.*** *Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.*
- ***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.*
- ***If devices are provided for the connection of dust extraction and collection facilities ensure that these are connected and properly used.*** *Use of these devices can reduce dust-related hazards.*

Power tool use and care

- ***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.*

- ***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.*
- ***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.*
- ***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.*
- ***Maintain power tools.*** *Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.*
- ***Keep cutting tools sharp and clean.*** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- ***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 intended could result in a hazardous situation.*

Service

- ***Have your power tool serviced by a qualified repair personnel using only identical replacement parts.*** *This will ensure that the safety of the power tool is maintained.*

Additional safety rules for circular saws.

Warnings. *Before connecting a tool to a power source (mains switch power point receptacle, outlet, etc.) be sure that the voltage supply is the same as that specified on the nameplate of the tool. A power source with a voltage greater than that specified for the tool can result in serious injury to the user, as well as damage to the tool. If in doubt, do not plug in the tool. Using a power source with a voltage less than the nameplate rating is harmful to the motor.*

Always remove the plug from the mains socket before making any adjustments or maintenance, including changing the blade.

- *When operating the saw, use safety equipment including safety goggles or shield, ear protection, dust mask and protective clothing including safety gloves.*
- *Do not use this saw to cut firewood.*
- *Ensure that the lighting is adequate.*
- *Keep the area free of tripping hazards.*
- *Do not let anyone under the age of 18 years operate this saw.*
- *Always stand to one side when operating the saw.*
- *Never use a cracked or distorted saw blade. Only use sharp blades.*
- *When cutting round wood, use clamps that prevent the work piece from turning on both sides of the blade.*
- *Never use your hands to remove sawdust, chips or waste close to the blade.*
- *Use only blades as recommended.*
- *Do not use blades of High Speed Steel (HSS blades)*
- *Do not use a blade unless the rated blade speed exceeds the saw no-load speed.*
- *Rags, cloths, cord and string and the like should never be left around the work area.*
- *Avoid cutting nails. Inspect the work piece and remove all nails and other foreign objects before beginning sawing.*
- *Support the work properly.*
- *Never reach over the blade to remove waste or off cuts.*

- *Do not attempt to free a jammed blade before first switching off the machine.*
- *Do not slow or stop a blade with a piece of wood. Let the blade come to rest naturally.*
- *If you are interrupted when operating the saw, complete the process and switch off before looking up.*
- *Periodically check that all nuts, bolts and other fixings are properly tightened.*
- *Do not store materials or equipment above a machine in such a way that they could fall into it.*
- *Always hold the saw on parts that are insulated. If you accidentally cut into hidden wiring or the saw's own cable, the metal parts of the saw will become "live".*
- *Never saw near combustible liquids or gases.*
- *Note the direction of rotation of the motor and the blade.*
- *Do not lock the movable guard in the open position and always ensure that it is working properly, freely rotating and returning to fully cover the teeth of the blade.*
- *Fully unwind cable drum extensions to avoid potential overheating.*
- *When an extension cable is required, you must ensure that it has the correct ampere rating for your power tool and has a safe electrical condition.*
- *The base plate must always be held firmly against the material being cut to reduce saw vibration, blade jumping and blade breakage.*
- *Do not cut materials containing asbestos.*
- *Do not use metal or stone cutting blades. Only use wood saw blades.*

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.

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:

- *Contact with the blade.*
- *Kickback of work piece and parts of work piece.*
- *Blade fracture*
- *Catapulting of blade pieces.*
- *Damage to hearing if effective earmuffs are not worn.*
- *Harmful emissions of sawdust when the machine is used in closed rooms. Always use supplementary dust extraction where possible.*
- *Do not use blades that are deformed or cracked.*

Contents of Carton

The GMC MX1275 Circular Saw is supplied with the following accessories as standard:

- *Hex key (stored in holder on power cable)*
- *Parallel fence guide*
- *TCT blade (fitted)*
- *Instruction Manual*

Unpacking

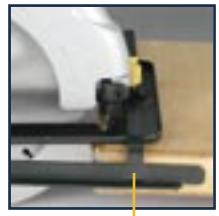
Due to modern mass production techniques, it is unlikely that your GMC Power Tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

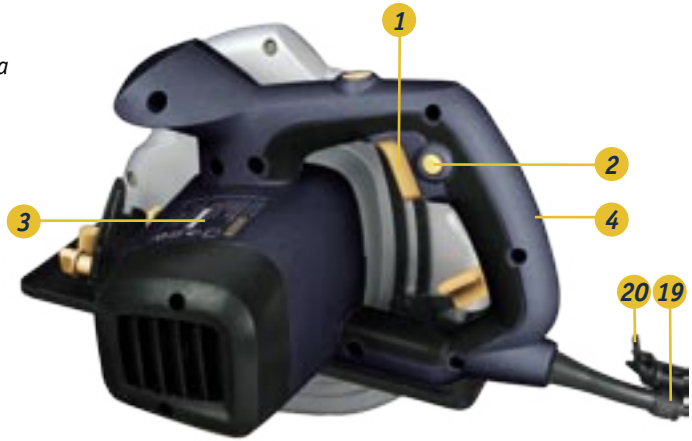
Assembly

The Saw is packed, fully assembled.

Know your product

1. *Trigger switch*
2. *Lock-off button*
3. *Motor housing*
4. *Main handle*
5. *Front handle*
6. *Bevel adjustment knob*
7. *Bevel scale*
8. *Parallel fence locking knob*
9. *Parallel fence*
10. *Blade guard lever*
11. *Retracting blade guard*
12. *Base plate*
13. *Fixed blade guard*
14. *Dust extraction port*
15. *Depth locking lever*
16. *Cut depth indicator*
17. *Spindle lock button*
18. *Blade*
19. *Blade key storage area*
20. *Hex key*
21. *Sighting notch*





Overview

The saw is capable of ripping and cross cutting hardwoods, softwoods and man made boards quickly, accurately and safely.

If the tool becomes too hot, let it run under no load for 2–3 minutes to cool the motor.

The quality of the cut will improve as the number of blade teeth increases.

The blade cuts on an upward stroke and may chip the uppermost surface or edges of your work piece. When cutting, ensure that your uppermost surface is a non-visible surface when your work is finished.

By slackening the bevel adjustment knob (6), the body and the blade of the saw can be tilted to any angle up to 45° for making angle cuts. Please note that the maximum depth of cut is reduced when cutting at an angle.

A fixed guard (13) encloses the upper part of the blade. As the saw advances through the work piece, the retracting blade guard (11) is pushed back by the edge of the wood to expose only that part of the blade which is needed. When the blade clears the work, the retracting blade guard snaps back to completely enclose the blade.

Adjusting the cutting depth

Caution. *Always ensure that the saw is switched off and unplugged from the power supply before making any adjustments.*

1. *Ensure that the saw is facing away from you.*
2. *Loosen the depth locking lever (15).*
3. *Hold the base plate flat against the edge of the work piece and lift the body of the saw until the blade is at the right depth - as shown on the indicator (16).*
4. *Tighten the depth locking lever (15).*

Adjusting the depth locking lever

If the locking lever cannot be tightened enough to lock the pivot point, it is time to adjust it.

1. *Ensure the power is disconnected from the mains socket.*
2. *With a pair of circlip pliers or a flat screwdriver blade, carefully remove the circlip from the pivot point nut.*
3. *Take off the lever and move it back one section.*
4. *Replace lever and carefully re-fit the circlip.*
5. *Check the pivot point now locks tight when the lever is pushed over to tighten.*

Adjusting the bevel angle

Caution. *Always ensure that the saw is switched off and unplugged from the power supply before making any adjustments.*

1. *Loosen the bevel adjustment knob (6).*
2. *Tilt the body of the saw until the required angle is reached, using the bevel scale (7) as a guide.*
3. *For accurate work it is necessary to make a trial cut, measure the work and reset the angle until the correct setting is achieved.*
4. *Tighten the bevel adjustment knob (6) to secure the base plate.*

Under bench use

1. Set the saw into the bench as required, ensuring the saw is secured adequately.
2. Attach a vacuum adapter to the saw.
3. Ensure the retracting blade guard can retract and return freely, operating as designed, before plugging cordset in the mains socket.
4. Run saw up to ensure it is running smoothly before attempting any cutting.
5. Make sure guarding is suitable so that the operator cannot touch the saw blade when the blade is spinning.
6. Make sure an anti-kickback device is fitted to your saw bench.
7. Make sure a suitable safety off switch is fitted to the saw bench. The saw switch may then be locked on using a spring clamp, cable tie or similar and then plugged into the safety socket on the saw bench. This clamp MUST be taken off when the saw is removed from the saw bench.
8. Using all safety equipment make a test cut in an off cut piece of material making sure all guarding is set up correctly before continuing with your bench sawing.

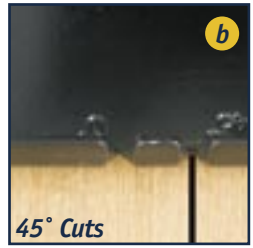
Switching on and off

1. Connect the plug to the power supply.
2. To switch on the saw, press the lock-off button (2) and squeeze the trigger switch (1).
3. When you release the trigger, the machine turns off and re-engages the safety lock-off switch to help prevent accidental operation.

Caution. *Allow the blade to come to a complete standstill before setting the saw down.*

Making a cut

1. Adjust the depth and angle of cut as required.
2. Plug in the machine and start the motor.
3. Line up your pencil line with the correct sighting notch - for 90° cuts use the right hand (when viewed from the operators perspective) sighting notch (a) and for 45° cuts use the left hand sighting notch (b).



4. When the blade is at its maximum speed (approximately 2 seconds), slowly push the saw forward using both hands.

Note. *Use only enough pressure to keep the saw cutting. Do not force the saw so that there is an appreciable slowing of the motor. Allow the blade and the saw to do the work.*

Using the parallel fence guide

The parallel fence allows you to make parallel cuts in a sheet of wood, all at the same width.

***Caution.** Always ensure that the saw is switched off and unplugged from the power supply before making any adjustments.*

1. *Slide the parallel fence (9) through the slots in the base plate.*

2. *Adjust the guide to the required width and secure it in position with the locking knob (8).*
3. *Ensure that the guide rests against the wood along its entire length to give a consistent parallel cut.*

Dust extraction

You can connect the tool to a vacuum system via the dust extraction port (14).

Changing the blade

***Caution.** Always ensure that the saw is switched off and unplugged from the power supply before making any adjustments.*

1. *Rotate the saw blade by hand whilst depressing the spindle lock button (17) until the blade locks.*

2. *Turn the blade bolt anti-clockwise using the hex key (20) provided.*
3. *Remove the outer blade flange and the blade bolt.*
4. *Retract the lower blade guard (11) using the lever (10).*
5. *Remove the saw blade from the inner flange and pull it out.*
6. *Clean the saw blade flanges thoroughly before mounting the new saw blade.*
7. *Mount the new saw blade in reverse order and tighten the blade bolt.*

***Warning.** The direction in which the blade rotates has to be the same as the direction of the arrow marked on the housing.*

8. *Ensure that the spindle lock button (17) is released.*
9. *Before using the saw again, check that the safety devices are in good working order.*

***Important.** After replacing the saw blade, make sure that the saw blade runs freely by turning the blade by hand.*

***WARNING:** Plug the machine in to a power socket and run the saw under no load to check that it runs smoothly before using it to cut any material.*

Maintenance

1. *Keep the tool's air vents unclogged and clean at all times.*
2. *Remove dust and dirt regularly. Cleaning is best done with a soft rag or a soft brush. Wear safety glasses to protect your eyes while cleaning.*
3. *Re-lubricate all moving parts at regular intervals.*
4. *If the body of the saw needs cleaning, wipe it with a soft damp cloth. A mild detergent can be used but nothing like alcohol, petrol or other cleaning agent.*
5. *Never use caustic agents to clean plastic parts.*

Caution. *Water must never come into contact with the saw.*

General inspection

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

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.

Carefully read the entire Instruction Manual before using this product.

Before returning this product for a Warranty Claim or any other reason
Please Call 1300 880 001 (Australia) or 0800 445 721 (New Zealand)

When you make your call, please have the following information at hand:

- ***GMC Product Type***
- ***GMC Product Code***

A GMC Service Engineer will take your call and, in most cases, will be able to solve your problem over the phone.

You are welcome to use this phone-in service to make suggestions or give comments about any GMC product.

With continuing product development changes may have occurred which render the product received slightly different to that shown in this instruction manual. The manufacturer reserves the right to change specifications without notice. Note: Specifications may differ from country to country.

The GMC 777 Helpline operates from 7am to 7pm, 7 days a week (EST). This allows you to contact GMC directly with any queries and technical questions you have regarding our products.

GLOBAL MACHINERY COMPANY

45–55 South Centre Road
Melbourne Airport
Victoria, Australia 3045
Tel: (03) 8346 1100 Fax: (03) 8346 1200

Save this Manual for future reference.