

GMTC[®]

GLOBAL MACHINERY COMPANY

INSTRUCTION MANUAL

TyrannoSaw



**18v Cordless
Multi-Saw**



2 YEAR
REPLACEMENT
WARRANTY

30 DAY
SATISFACTION
GUARANTEE

• Melbourne • Perth • Auckland • Hong Kong • Shanghai
• Taipei • New York • Verona • London • Paris

TRM18V
040611 E08 JJ

Contents

Warranty	2
Introduction	3
Environmental protection	3
Description of symbols	3
Specifications	3
Safety instructions	4
Additional safety rules for saws	5
Additional safety rules for the charger	6
Additional safety rules for the battery pack	6
Accessories	7
Unpacking	7
Assembly	7
Know your product	8
Fitting and removing the battery pack	9
Battery charging	9
To obtain the best life for the battery	9
Changing a blade	10
Operation	10
Maintenance	11
General inspection	11



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. Phone 1300 880 001 in Australia or 0800 445 721 in 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.



N380

Conforms to relevant standards for electromagnetic compatibility.

Specifications

Charger:	230–240V ~ 50 Hz
Nominal battery voltage:	18V
No load speed:	0 – 3100min ⁻¹
Batteries:	2 x 1.3Ah
Charging time:	3-5 Hours
Weight:	3.2Kg
Cutting capacity:	General Purpose Cutting approximately 75 x 100mm Pruning approximately 75mm Metal cutting 3 mm
Blade types:	230mm general purpose blade for fast smooth cuts in woods, masonite and plastics. 239mm Pruning blade for pruning, trimming and limbing. 200mm metal cutting blade for cutting ferrous and non ferrous materials such as aluminium sections and brass pipes.

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 saws

- *Ensure that the lighting is adequate.*
- *Keep the area free of tripping hazards.*
- *Do not let anyone under 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 by the saw blade.*
- *Use only blades as recommended.*
- *Rags, cloths, cord, 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.*
- *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 fixings are properly tightened.*
- *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.*

Wear goggles

Wear earmuffs

Wear a breathing mask

Additional safety rules for the charger

- Before using the charger, read all the instructions and cautionary markings on the charger and battery pack as well as the instructions on using the battery pack.
- Only charge your batteries indoors as the charger is designed for indoor use only.
- DANGER. If the battery pack is cracked or damaged in any other way, do not insert it in the charger. There is a danger of electric shock or electrocution.
- WARNING. Do not allow any liquid to come into contact with the charger. There is a danger of electric shock.
- To allow the battery pack to cool down after charging, do not place it in a hot environment such as a metal shed or open trailer left in the sun.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- The charger and battery packs supplied with it are specifically designed to work together. Do not attempt to charge the battery pack with any other charger than the one supplied.
- Do not place any object on top of the charger as it could cause overheating. Do not place the charger near any heat source.
- Do not pull on the lead of the charger to disconnect it from the power source.
- Make sure that the charger cable is positioned where it will not be stepped on, tripped over or otherwise subjected to damage or stress.
- Do not use an extension cord unless it is absolutely necessary. The use of an improper extension cord could cause the risk of fire, electric shock or electrocution.
- Do not use the charger if it has been subjected to a heavy knock, dropped or otherwise damaged in any way. Take the charger to an authorised service centre for a check or repair.

- Do not disassemble the charger. Take it to an authorised service centre when service or repair is required. Incorrect re-assembly may result in the risk of fire, electric shock or electrocution.
- To reduce the risk of an electric shock, unplug the charger from the power supply before attempting to clean it. Removing the battery alone does not reduce the risk.
- Never attempt to connect two chargers together.
- Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 104°F (40°C) such as alongside sheds or metal structures in the summer.
- The charger is designed for use from a standard household electrical supply (230–240 volts). Do not attempt to connect the charger to a supply with a different supply.
- If you wish to charge a second battery pack, unplug the charger from the mains supply and leave it for at least 15 minutes. After this time you can charge a second battery pack.

Additional safety rules for the battery pack

- The battery pack for this tool has been shipped in a low charge condition. You should charge the battery pack fully before use.
- Ensure the switch is in the off position before inserting battery pack. Inserting the battery pack into power tools that have the switch on invites accidents.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- To ensure the longest battery life and best battery performance, always charge the battery when the air temperature is between 18–24°C. Do not charge the battery pack when the temperature is below 0°C, or above 40°C. This is important. Failure to observe this safety rule could cause serious damage to the battery pack.

- *When battery pack is not in use keep it away from other metal objects like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.*
- *Do not incinerate the battery pack even if it is seriously damaged or can no longer hold a charge. The battery pack can explode in a fire.*
- *Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks open or cracks, immediately discontinue its use and do not recharge it.*
- *Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.*
- *The battery pack utilizes nickel-cadmium cells. Cadmium is considered to be a toxic material. Use an environmentally safe disposal unit at a municipal waste disposal centre to dispose of a damaged or worn out battery.*

Accessories

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

1. Allen key
2. General purpose blade
3. Pruning blade
4. Metal cutting blade
5. 2 Batteries
6. Battery charger
7. This Instruction Manual

Note. *For your protection, the blades are supplied with a protector strip. Please replace the strip when changing and storing blades.*

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 GMC Multi Saw is packed, fully assembled.

Know your product

1. Variable speed trigger switch
2. Lock-off switch
3. Shoe
4. Allen key
5. Auxiliary handle
6. 18 Volt battery
7. Battery charger
8. Battery release buttons
9. Adaptor charger
10. General purpose blade
11. Pruning blade
12. Metal cutting blade



You have purchased a 18V heavy duty saw capable of taking the effort out of many sawing tasks in both wood and metal. It is robust and extremely versatile.

By changing between the three saw blades provided, it is possible to use the saw on a wide variety of materials and in many tasks around the home or workshop.

Fitting and removing the battery pack

To remove the battery pack from the drill firmly press the battery release buttons (8) at either side of the battery pack, and slide the battery backward out of the tool.

To install the battery pack, align rails, on the tool with the tabs on the battery pack and slide the battery pack on to the saw. Ensure the battery pack is sitting straight on the foot and correctly entering the runners. The battery should slide fully on to the saw until the battery pack “clicks” into position.



Battery charging

The battery pack for this tool has been shipped in a low charge condition. You should charge the battery pack fully before use.

Warning. Do not use an extension cord.

1. Connect the adaptor charger (9) lead to the battery charger (7).
2. Insert the battery charger (7) into the battery pack (6) and connect the adaptor charger (9) to a suitable power socket.
3. The battery charge time is approx. 3–5 hours, after which the battery pack should be removed. A good indication for a fully charged battery is the temperature of the battery, which becomes fairly warm as the battery becomes fully charged.



4. After normal use, 3 hours of charging time is required for the battery pack to be fully charged. However, 4–5 hours charging will ensure a longer run time of your tool.
5. Do not charge batteries for “top up”. Batteries should be placed on charge only when the battery is noticeably running down or the tool no longer performs a task it previously performed.
6. Unplug the adaptor charger and charging slide when not in use and store them in a dry, secure place.
7. Do not charge your battery pack in temperatures below 0°C or above 40°C.
8. Always remove the battery pack and store it in a dry, secure place when the tool is not in use.
9. Battery charging should only be carried out indoors.

Warning. Never leave a battery on charge once it starts to warm up.

Do not charge the battery for more than 8 hours, as this will damage the battery cells.

If two batteries are to be charged in succession, unplug the adaptor charger and let it cool down for about 15 minutes before using it for the second battery.

Warning. Consult your local waste authority for information regarding available recycling and/or disposal options of a damaged or worn out battery pack.

To obtain the best life for the battery

Never allow the tool to come to a complete stand still before recharging. The battery should be placed on charge whenever the battery is noticeably running down or the tool no longer performs a task it previously performed.

Avoid conducting short charges. Make sure that the battery is fully charged every time by allowing the charger to complete its full charging cycle.

Avoid allowing loose items like screws or nails etc to be stored with battery packs as these or similar items can short battery packs and cause a fire or explosion.

Always unplug the charger when not in use and store in a dry secure place.

Avoid charging or storing your battery in temperatures below 0°C and above 40°C.

Changing a blade

Caution. Always ensure that the saw is switched off and unplugged from the power supply before installing or removing a blade. Make sure that the blade protector is fitted to the blade to protect your hands and fingers against the sharp teeth.

Removing a blade.

1. Loosen the Allen screw, by inserting the allen key provided and turning it anti-clockwise. This screw clamps the blade so that the blade can be lifted off the retaining pin.
2. Remove the blade from the saw.



Fitting a blade

3. Position the hole in the blade over the retaining pin.
4. Tighten the allen key by inserting the allen key and turning it clockwise to clamp the blade in position.
5. Remove the blade protector.

Operation

Switching on and off and controlling the speed.

1. The multisaw has a variable speed trigger switch, the harder it is squeezed the faster the saw will operate.
2. This gives the operator better control when starting a cut and at break through, and enables the speed of cutting to be varied according to the circumstances.



3. To switch on, rotate or roll the Lock-off switch (2) to release the trigger switch, then pull the trigger on.
4. To switch off, release the trigger switch.

General cutting and pruning (230 & 239 mm blades)

1. Hold the saw firmly with both hands in front and clearly away from you.
2. Make sure that the blade is clear of any obstructions.
3. Ensure that the material to be cut is held firmly. Small work pieces should be held in a vice or clamped to the workbench.
4. Mark out the cutting line.
5. To switch on, rotate or roll the Lock-off switch to release the trigger switch, then pull the trigger on.
6. Wait until the saw has reached maximum speed.
7. Begin sawing using the same forward and backward movement you would use with a hand saw.



Note. Use only enough pressure to keep the saw cutting. Do not force the cutting; allow the blade and the saw to do the work.

Warning. Use of excessive pressure that causes bending or twisting of the blade may cause the blade to break.

Warning. Make sure that the blade does not touch the work piece until the blade has reached maximum speed since this could cause loss of control and serious injury.

Metal cutting (200 mm blade)

Metals such as sheet steel, pipe, aluminium, brass and copper can be cut with your saw. Be careful not to bend or twist the blade and do not force the cutting action.



We recommend that you use cutting oil to lubricate the cut when sawing soft metals and steel. It keeps the blade cooler and prolongs blade life.

Caution. *Clamp the work firmly and cut close to the clamping point to minimise vibration. When cutting conduit pipe or angle iron, clamp the work in a vice if possible and cut close to the vice. To cut thin sheet metal, sandwich the sheet between hardboard or plywood and clamp the layers to prevent vibration and the tearing of the metal.*

Maintenance

Cleaning

- 1. Keep the tool's air vents unclogged and clean at all times.*
- 2. Remove dust and dirt regularly. Cleaning is best done with compressed air or a rag.*
- 3. Re-lubricate all moving parts at regular intervals.*
- 4. Never use caustic agents to clean plastic parts.*

Caution. *Do not use cleaning agents to clean the plastic parts of the saw. A mild detergent on a damp cloth is recommended. 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.

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.

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Save this Manual for future reference.
