

# GMC<sup>®</sup>

GLOBAL MACHINERY COMPANY

INSTRUCTION MANUAL

## **800 Watt** **Belt Sander**



**2** YEAR  
REPLACEMENT  
WARRANTY

**30** DAY  
SATISFACTION  
GUARANTEE

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

**BS800**  
031222 ED5 DR

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## Full 2 Years 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 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 you 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.



N380

Conforms to relevant standards for electromagnetic compatibility.

## Specifications

Voltage:	230 – 240V ~ 50 Hz
Input power:	800W
Belt speed:	230 m/min.
Insulation:	double insulated
Sanding area:	76mm x 130mm
Belt size:	76mm x 533mm

## General safety instructions

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.

**Warning.** When using power tools, basic safety precautions should always be taken to reduce the risk of fire, electric shock and personal injury. Also, please read and heed the advice given in the additional important safety instructions.

1. **Keep the work area clean and tidy.** Cluttered work areas and benches invite accidents and injury.
2. **Consider the environment in which you are working.** Do not use power tools in damp or wet locations. Keep the work area well lit. Do not expose power tools to rain. Do not use power tools in the presence of flammable liquids or gases.
3. **Keep visitors away from the work area.** All visitors and onlookers, especially children and infirm persons, should be kept well away from where you are working. Do not let others in the vicinity make contact with the tool or extension cord.
4. **Store tools safely.** When not in use, tools should be locked up out of reach.
5. **Do not force the tool.** The tool will do the job better and safer working at the rate for which it was designed.
6. **Use the correct tool for the job.** Do not force small tools or attachments to do the job best handled by a heavier duty tool. Never use a tool for a purpose for which it was not intended.
7. **Dress correctly.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-slip footwear are recommended when working outdoors. If you have long hair, wear a protective hair covering.
8. **Use safety accessories.** Safety glasses and earmuffs should always be worn. A face or dust mask is also required if the sanding operation creates dust.
9. **Do not abuse the power cord.** Never pull the cord to disconnect the tool from the power point. Keep the cord away from heat, oil and sharp edges.
10. **Secure the work piece.** Use clamps or a vice to hold the work piece. It is safer than using your hand and frees both hands to operate the tool.
11. **Do not overreach.** Keep your footing secure and balanced at all times.
12. **Look after your tools.** Keep tools sharp and clean for better and safer performance. Follow the instructions regarding lubrication and accessory changes. Inspect tool cords periodically and, if damaged, have them repaired by an authorised service facility. Inspect extension cords periodically and replace them if damaged. Keep tool handles dry, clean and free from oil and grease.
13. **Disconnect idle tools.** Switch off the power and disconnect the plug from the power point before servicing, when changing accessories and when the tool is not in use.
14. **Remove adjusting keys and wrenches.** Check to see that keys and adjusting wrenches are removed from the tool before switching on.
15. **Avoid unintentional starting.** Always check that the switch is in the OFF position before plugging in the tool to the power supply. Do not carry a plugged in tool with your finger on the switch.
16. **Use outdoor rated extension cords.** When a tool is used outdoors, use only extension cords that are intended for outdoor use and are so marked.
17. **Stay alert.** Watch what you are doing. Use common sense. Do not operate a power tool when you are tired.
18. **Check for damaged parts.** Before using a tool, check that there are no damaged parts. If a part is slightly damaged, carefully determine if it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, proper mounting and any other conditions that may affect the operation of the tool. A part that is damaged should be properly repaired or replaced by an authorised service facility, unless otherwise indicated in this Instruction Manual. Defective switches must be replaced by an authorised service facility. Do not use a tool if the switch does not turn the tool on and off correctly.
19. **Guard against electric shock.** Prevent body contact with grounded objects such as water pipes, radiators,

cookers and refrigerator enclosures.

**20. Use only approved parts.** When servicing, use only identical replacement parts. Use an authorised service facility to fit replacement parts.

## **Additional safety rules for sanders**

**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 sanding belt.**

- Fully unwind cable drum extensions to avoid potential overheating.
- When an extension cable is required, you must ensure that it has the right ampere rating for your power tool and is in safe electrical condition.
- After long working periods external metal parts and accessories could be hot.
- If possible, always use clamps or a vice to hold your work.
- Always switch off before you put the sander down.
- Do not force the sander; let the tool do the work at a reasonable speed. Overloading will occur if too much pressure is applied and the motor slows resulting in inefficient sanding and possible damage to the sander motor.
- When sanding wood, always connect the dust bag or use a dust extraction system.
- Before using the sander with metal, always remove the dust bag from the outlet as sparks may ignite the dust

or the bag.

- Do not continue to use worn, torn or heavily clogged sanding belts.
- Do not touch the moving sanding belt.
- Ensure that you have removed foreign objects such as nails and screws from the work before commencing sanding.
- Rags, cloths, cord, string and the like should never be left around the work area.
- Use safety equipment including safety goggles or shield, ear protection, dust mask and protective clothing including safety gloves.

## **Wear goggles, Wear earmuffs**

### **Wear a breathing mask**

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:

- Damage to the lungs if an effective dust mask is not worn.
- Damage to hearing if effective earmuffs are not worn.

## **Unpacking**

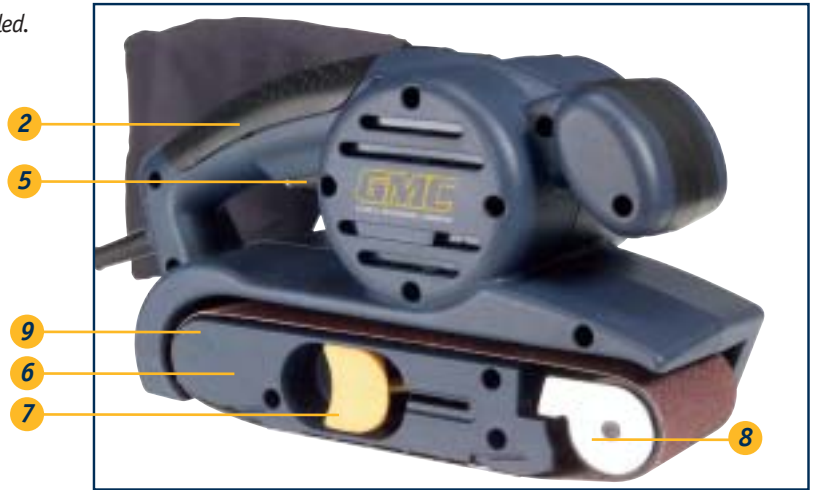
Due to modern mass production techniques, it is unlikely that your GMC Power Tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

## Assembly

The Sander is packed, fully assembled.

### Know your product

1. Front handle
2. Main handle
3. Dust collection bag
4. Lock on button(not shown)
5. On/Off switch
6. Drive roller
7. Sanding belt tension lever
8. Front belt roller
9. Belt rotation direction indicator
10. Tracking adjustment knob
11. Dust extraction port





## Switching on and off



1. Pull the on/off trigger (5) upward to start the sander.
2. Release the trigger to turn off the sander.
3. By pulling the trigger on and pressing the lock on button (4), you can lock the sander on. Pulling the switch on again and releasing it turns the switch off.

## Attaching a sanding belt

**Caution.** Switch off the sander and disconnect it from the power point.

1. Pull the belt tension lever (7) and slide off the old belt.
2. Check that the replacement belt has a good join and is not frayed at the edges.



3. Slip the new belt into position with the rotation arrow on the inside of the belt pointing in the same direction as the arrow on the sander.



4. Fold down the lever (7).

5. Plug the sander into a power point and with the sander held tight, pull the trigger on/off switch (5) and allow the belt to rotate for a short period.



6. Whilst the belt is running, adjust the tracking knob (10) to align the belt to the centre of the roller (6).

7. Repeat the trigger action and tracking adjustment until the belt is correctly aligned.



8. Run the sander for a minute or so to ensure correct alignment before using the sander on a work piece.

**Warning.** Do not continue to use the sander with a sanding belt that is overworn or damaged.

**Warning.** Do not use the same sanding belt for wood and metal. Metal particles become embedded in the belt and will scour a wooden surface.

## Selecting the right grade of sanding belt

1. Different grades of sanding belt can be purchased from your local hardware store. Typical grades are Coarse (40 grit), Medium (80 and 100 grit) and Fine (120 grit).
2. Use Coarse grade to remove rough finishes, Medium grade to smooth the work and Fine grade to finish it off.
3. It is best to make a trial run on a scrap piece of material to determine the optimum grades of belt for a particular job.
4. In order to take full advantage of your sander, always

*purchase good quality belts.*

**Note.** After sanding with a belt sander, an orbital sander should be used to give a better surface finish.

## **Sanding**

1. The sander is designed for sanding wood, metal, plastic and similar materials. It is used mainly for quickly removing a large amount of material. Do not use this sander for sanding magnesium.
2. Ensure that the belt is in good condition.
3. Plug in the tool to the power socket.
4. Bring down the sander onto the work piece and apply light pressure.
5. Pull up the trigger and allow the belt to reach full speed before moving it across the work.
6. Press the lock on button (4) if you require continuous operation.
7. Sand with the grain, in parallel overlapping strokes.
8. To remove paint or smooth very rough wood, sand across the grain at 45° in two directions, and then finish parallel with the grain.
9. Use the front roller (8) only to sand corners or irregular shapes.
10. Lift the sander off the work before switching off.
11. Remember to keep your hands away from the moving belt, as it will continue to move for a short time after the machine is switched off.
12. Wear safety goggles, a dust mask and earmuffs.



## **Dust extraction**

1. Disconnect the plug from the power supply.
2. Firmly push the plastic nozzle of the dust bag (3) onto the dust extraction port (11).
3. Before removing the dust bag, first disconnect the plug from the power supply.



**Warning.** For optimum dust removal, empty the dust bag when it is no more than half full.

Do not use the dust bag when sanding metal. The hot metal particles could cause residual wood dust or the bag itself to catch fire.

4. A vacuum cleaner adaptor can be used to connect a household vacuum cleaner or workshop dust extraction system to the sander.
5. An adaptor is fitted into the dust extraction port (11).

## **General inspection**

1. Regularly check that all the fixing screws are tight.
2. The supply cord of the tool and any extension cord used should be checked frequently for damage. If damaged, have the cordset replaced by an authorised service facility. Replace the extension cord if necessary.



## **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 a rag.*
3. *Re-lubricate all moving parts at regular intervals.*
4. *If the body of the sander 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 sander.*

## **Repairs**

1. *Only an authorised service centre should replace the cordset or effect other repairs. If the cordset is damaged or worn, have it repaired or replaced by an authorised service centre.*

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## 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.**

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