

# **GMC**<sup>®</sup>

**GLOBAL MACHINERY COMPANY**

**INSTRUCTION MANUAL**

# **750w**

**Dust Extractor/  
Collector**



**2** YEAR  
REPLACEMENT  
WARRANTY

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

**RDC100**  
080530 RDC100 ED7

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## **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.



Conforms to relevant standards for electromagnetic compatibility.

## Specifications

Nominal voltage: 230–240 Vac~ 50 Hz

Wattage: 750W

Motor speed: 2,950RPM

Base dimensions: 380mm (wide) x 650mm (deep)

Overall height: 1570mm

**NOTE.** This GMC Power Tool is an earthed appliance.

## 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 stored in a dry, high place or locked up out of the reach of children.

**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. For instance, do not use circular saws to cut tree limbs or logs.

**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 cutting 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 such as blades, bits and cutters, 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 or under the influence of drugs or alcohol.

**18. Check for damaged parts.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine if it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, proper mounting and any other conditions that may affect the operation of the tool. A guard or other 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, refrigerators and other metal surfaces..

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

**WARNING.** The use of an accessory or attachment, other than those recommended in this Instruction Manual, may present a risk of personal injury.

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:

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

## **Additional safety rules for dust extractors**

- Do not pick up glass, water or metal
- Keep hands well away from moving parts
- 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 onto it.
- Wood dust and chips in a confined area can give rise to fire or an explosion. Guard against possible ignition sources.

**Wear goggles**

**Wear earmuffs**

**Wear a breathing mask**

## **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.

## Know your product

1. Fan housing
2. Anti-vibration bolt (x2)
3. Collector
4. Collector support bracket (x2)
5. Motor
6. Switch box assembly
7. Support pole
8. Base plate
9. Bag
10. Bag support
11. Inlet port
12. Caster (x4)
13. 3-way vacuum distributor
14. Large inlet hose (see note)



**Note.** The small end (98mm) connects to the inlet port. The larger end (104mm) connects to the 3-way vacuum distributor.

## Assembly

The Dust Extractor is shipped partly disassembled.

### Casters

1. Place the base plate upside down and attach the four casters.



### Support pole

1. Turn the base plate the right way round and attach the support pole. The right-angle plate needs to face the shortest end of the base.



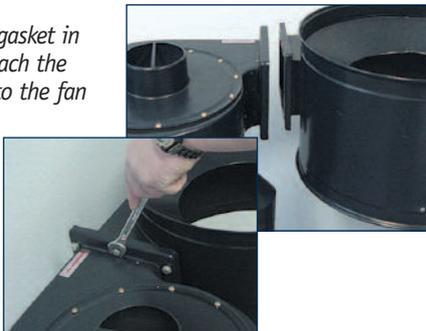
### Fan housing

1. Attach the fan housing to the support pole.



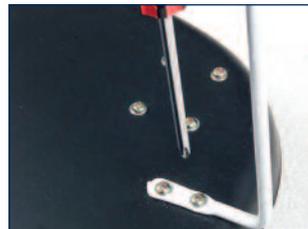
### Collector

1. With the gasket in place, attach the collector to the fan housing.



### Collector support brackets

1. Fix a bracket to the base plate and then to the collector.
2. Repeat for the other bracket.



### Bag support

1. Attach the bag support to the collector.



### Bags

1. Fit both bags over the collector.
2. Use the belt on each bag to secure the bag in place.



### Anti-vibration bolts

1. Loosen the lock nut on each anti-vibration bolt.
2. Adjust the two bolts so that the heads are flush with the bottom of the fan housing.
3. Retighten the lock nuts.



## Operation

**CAUTION.** Do not operate the extractor unless a hose is connected to the inlet port.

### Switching on and off

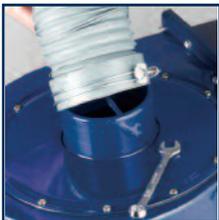
1. Connect the plug to the power supply.
2. Depress the ON button.
3. To switch off, depress the OFF button.

### NOTE.

1. The extractor must be connected to an earthed outlet and should be operated on a residual current device (RCD) of 30 mA capacity.
2. Extension leads must have a minimum lead cross section of  $3 \times 0.75 \text{ mm}^2$  (240V).
3. The extractor is automatically turned off in the event of a power failure. You will need to press the ON button again to restart it.

### Connecting the extractor to various tools and machines

1. Connect the small end of the large inlet hose (15) to the inlet port (11).
2. The 3 inlets of the vacuum distributor have an outer diameter of 35mm and inner diameter of 29mm.
3. You can connect up to 3 tools to the vacuum distributor. Use the caps supplied to cover the inlets that are not used. A single connection hose (14) is provided.
4. You can connect the 3-inlet vacuum distributor directly to the inlet port.



## Maintenance

**CAUTION.** Always use a dust mask and safety goggles when carrying out any maintenance operation on this tool.

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 tool 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 tool.

### General inspection

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

### 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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