

# **VEVOR**

**Affordable. Reliable. Home Improvement.**

## **OSCILLATING TOOLS**

**MODEL: GX-MT05/ GX-MT05S**

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

## SAFETY INSTRUCTIONS

	Read the instruction manual.
	Warning- Be sure to wear eye protectors when using this product.
	Warning- Be sure to u soundproof earmuffs when using this product

**Warning:** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury

### Work area safety

Keep work area clean and well lit. Cluttered or 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 extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock. If operating a power tool in a damp location is unavoidable, use a Ground Fault Circuit Interrupter (GFCI) protected supply. Use of an GFCI 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 personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and / or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

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. 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 jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust related hazards.

Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

## **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 and/or remove the battery pack, if detachable, from the power tool 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 and accessories. 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, 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.

Keep handles and grasping surfaces dry, clean and free from oil and grease.

Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

## **Service**

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

## **Additional Safety Warnings**

Always inspect accessories for damage (breakage, cracks) before each use. Never use if damage is suspected. GFCI and personal protection devices like electrician's rubber gloves and footwear will further enhance your personal safety. Do not use AC only rated tools with a DC power supply. While the tool may appear to work, the electrical components of the AC rated tool are likely to fail and create a hazard to the operator.

Keep handles dry, clean and free from oil and grease. Slippery hands cannot safely control the power tool.

Develop a periodic maintenance schedule for your tool. When cleaning a tool be careful not to disassemble any portion of the tool since internal wires may be misplaced or pinched or safety guard return springs may be improperly mounted. Certain cleaning agents such as gasoline, carbon tetrachloride, ammonia, etc. may damage plastic parts.

Risk of injury to user.

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically treated lumber.

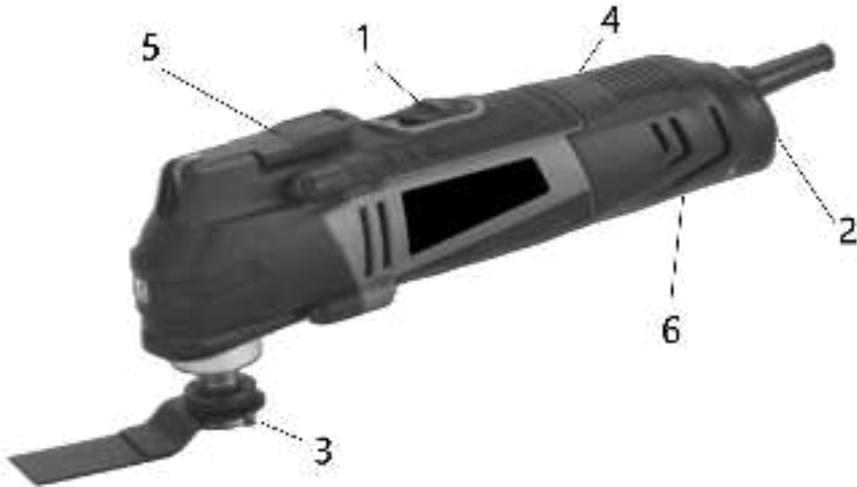
Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

## **Product introduction**

The power tool is intended for sawing and separating wooden materials, plastic, plaster, non-ferrous metals and fasteners (e.g. nails and clamps) as well as for working on soft wall tiles and for dry grinding of small surfaces. It is especially suitable for working close to edges and for flush cutting. The power tool must be used with VEVOR accessories only.

**NOTE: Metal cutting requires the use of special accessories.**

The product structure diagram is shown below:



The numbering of the product features refers to the illustration of the machine on the graphics page.

1. On/off switch
2. Speed adjustment wheel
3. Mounting point for accessories
4. Grip
5. Quick change level
6. Air Outlet

## Assembly

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

Only use VEVOR accessories . Using accessories not designed for this power tool may result in serious personal injury and property damage.

For all work or when changing accessories always wear protective gloves. Such preventive safety measures reduce the risk of injury from sharp edges of the accessories. Accessories can become very hot while working. Danger of burns!

## Accessory

1. Release the quick-change lever (5) and slide the accessory forward to unlock the mounting bracket.



2. Extract the necessary functional accessories, align the positioning holes on the accessory's installation end with those on the installation bracket, and firmly secure the components in place.



**NOTE:** The method of replacing other functional accessories is the same

3. Slide the quick-change rod (5) rearward to secure the mounting bracket, thereby finalizing the installation of the functional accessories.



4. The sandpaper accessories must be used together with the Oscillating Sanding Pad accessories.



To remove the sanding sheet , grasp it at one of the tips and pull it off from the sanding plate.



## Selecting the Sanding Sheet

To ensure optimum dust extraction, pay attention that the punched holes in the sanding sheet match with the holes in the sanding plate. Depending on the material to be worked and the required rate of material removal, different sanding sheets are available:

Matériau	Utilisation	Grains	
<ul style="list-style-type: none"> <li>- All wooden materials (e.g., hardwood, softwood, chipboard, building board)</li> <li>- Metal materials</li> </ul>	For coarse-sanding, e.g. of rough, unplanned beams and boards	<b>coarse</b>	40 60
	For face sanding and planing small irregularities	<b>medium</b>	80 100 120
	For finish and fine sanding of wood	<b>fine</b>	180 240 320 400
<ul style="list-style-type: none"> <li>- Paint</li> <li>- Varnish</li> <li>- Filling compound</li> <li>- Filler</li> </ul>	For sanding off paint	<b>coarse</b>	40 60
	For sanding primer (e.g., for removing brush dashes, drops of paint and paint run)	<b>medium</b>	80 100 120
	For final sanding of primers before coating	<b>fine</b>	180 240 320
<ul style="list-style-type: none"> <li>- Masonry, stone</li> <li>- Marble</li> <li>- Granite</li> <li>- Glass</li> <li>- Plexiglas</li> <li>- Glass-fibre plastics</li> </ul>	For shaping and braking edges	<b>medium</b>	80 100 120
	For final sanding and forming	<b>fine</b>	180 240 320 400
	For polish-sanding and rounding off edges	<b>very fine</b>	600 1200

**NOTE:** Model GX-MT05/GX-MT05S products come standard with P60/P80/P120 specification sandpaper. Should you require sandpaper of different specifications, it must be purchased separately.

## Operation

### Starting Operation

Observe correct mains voltage! The voltage of the power source must agree with the voltage specified on the nameplate of the machine.

### Switching On and Off

To start the machine, push the On/Off switch 1 forward so that the "I" is indicated on the switch.

To switch off the machine, push the On/Off switch<sup>1</sup> toward the rear so that the "O" is indicated on the switch.



### **Preselecting the Orbital Stroke Rate**

With the thumb wheel for preselection of the orbital stroke rate, offering 6 speed adjustable settings, with oscillation speeds ranging from 15,000 to 22,000 OPM (Model GX-MT05 oscillations per minute).

**Note: Model GX-MT05s oscillation speeds ranging from 7,000 to 19,000 OPM**

The required stroke rate depends on the material and the working conditions and can be determined through practical testing.



### **Operating Instructions**

**Note:** Do not cover off the venting slots of the machine while working, as this reduces the working life of the machine.

While working with HCS tools make sure that the covering of the tools is undamaged.

## Operating Principle

Due to the oscillating drive the application tool/accessory swings up to 15000-22000 times (Model: GX-MT05) per minute for 3.2°.

This allows for precise work in narrow spaces.

**Note:** Model: GX-MT05S is 7000-19000 times per minute for 3.2°.

## Sawing



Straight saw blade  
(high-speed steel)



HCS  
Semicircle Saw Blad

Use undamaged faultless saw blades only. Deformed, blunt saw blades or saw blades that are otherwise damaged can break.

When sawing light building materials, observe the statutory provisions and the recommendations of the material suppliers.

High speed steel cutting parts are not only suitable for sawing wood, particleboard, building materials and other materials, but also for nails, screws and other metal materials.

**Note: HCS Saw Blade (High-carbon steel) is not suitable for cutting metal materials.**

## Scraping



**Note:** the tools wear heavily when used for longer periods of time.

## Sanding



The removal rate and the sanding pattern are primarily determined by the choice of sanding sheet, the preset oscillation rate and the applied pressure.

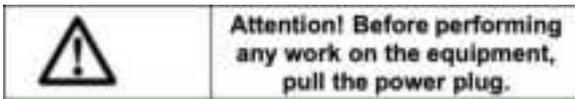
Only flawless sanding sheets achieve good sanding capacity and extend the service life of the machine.

Pay attention to apply uniform sanding pressure; this increases the working life of the sanding sheets. Intensifying the sanding pressure does not lead to an increase of the sanding capacity, but to increased wear of the machine and the sanding sheet.

For precise on-the-spot sanding of edges, corners and hard to reach areas, it is also possible to work only with the tip or an edge of the sanding plate.

A sanding sheet that has been used for metal should not be used for other materials.

## CLEANING AND MAINTENANCE



### Service

Only qualified specialist personnel and original replacement parts should be used for repairs. This will ensure that your device remains safe.

### Cleaning

Regularly clean the machine housing with a soft cloth, preferably after each use. Keep the ventilation slots free from dust and dirt. If the dirt does not come off use a soft cloth moistened with soapy water. Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

### **Maintenance and Cleaning**

Before any work on the machine itself, pull the mains plug.

For safe and proper working, always keep the machine and ventilation slots clean.

### **SERVICE DEPARTMENT**

\_Damaged switches must be replaced by our after-sales service department.

\_If replacing the power cord is necessary, it should be done by the manufacturer or his agent to avoid a hazard.

### **Replacing the accessories**

Only use sharp and undamaged accessories.

- To remove the accessory, proceed as described in the corresponding section.
- To mount the accessory, proceed as described in the corresponding section.

### **AFTER-SALES SERVICE AND APPLICATION SERVICE**

Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. Exploded views and information on spare parts can also be found under: [www.vevor.com](http://www.vevor.com) VEVOR application service team will gladly answer questions concerning our products and their accessories : [support@vevor.com](mailto:support@vevor.com)

### **STORAGE**

- Thoroughly clean the whole machine and its accessories.
- Store it out of the reach of children, in a stable and secure position, in a cool and dry place, avoid too high and too low temperatures.
- Protect it from exposure to direct sunlight. Keep it in the dark, if possible.
- Don't keep it in plastic bags to avoid humidity build-up.

## PRODUCT PARAMETER

MODEL NO	GX-MT05	GX-MT05S
PHASE	SINGLE PHASE	SINGLE PHASE
VOLTAGE	AC 120V	AC 120V
FREQUENCY	60HZ	60HZ
MULTIPLE SPEED	SIX SPEED	SIX SPEED
NO LOAD SPEED	15000-22000RPM	7000-19000RPM
RATED POWER INPUT	360W	480W
OSCILLATING ARC	3.2°	3.2°
WEIGHT	1.75kg	1.75kg
Functional accessory	<ol style="list-style-type: none"> <li>1. Scraper *1</li> <li>2. Straight saw blade (high-speed steel) *1</li> <li>3. Semi-circular saw *1</li> <li>4. Sand tray *1</li> <li>5. Sandpaper *9 (P60, P80, P120, 3 sheets each)</li> <li>6. Tool kit *1</li> <li>7. User Manual *1</li> </ol>	<ol style="list-style-type: none"> <li>1. Scraper *1</li> <li>2. Straight saw blade (high-speed steel) *1</li> <li>3. Semi-circular saw *1</li> <li>4. Sand tray *1</li> <li>5. Sandpaper *9 (P60, P80, P120, 3 sheets each)</li> <li>6. Tool kit *1</li> <li>7. User Manual *1</li> </ol>

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