

PLASPLUGS DWW101 OWNER'S MANUAL

Quick Links

- [Fitting the Cutting Wheel](#)
- [Preparing the Wet Saw for Use](#)
- [Replacing Saw Blades](#)
- [Using the Wet Saw](#)

Table of Contents

- [Warning](#)
- [Safety and Good Practice](#)
- [Extension Cords](#)
- [Cord ratings](#)
- [Electrical Safety](#)
- [Position of Tile Saw](#)
- [Grounding](#)
- [Preparing the Wet Saw for Use](#)
- [Fitting the cutting wheel](#)
- [Fitting the splash guard](#)
- [Aligning the Riving Blades](#)
- [Before use](#)
- [Using the Wet Saw](#)
- [Precautions](#)
- [Replacing saw blades](#)
- [Care of your Wet Saw](#)
- [Cutting straight edges](#)
- [Making Diagonal cuts](#)

Diamond Wheel Wet Saw

Owner's Manual

Please read these instructions carefully and keep them in a safe place

Sierra refrigerada por agua con hoja de diamante

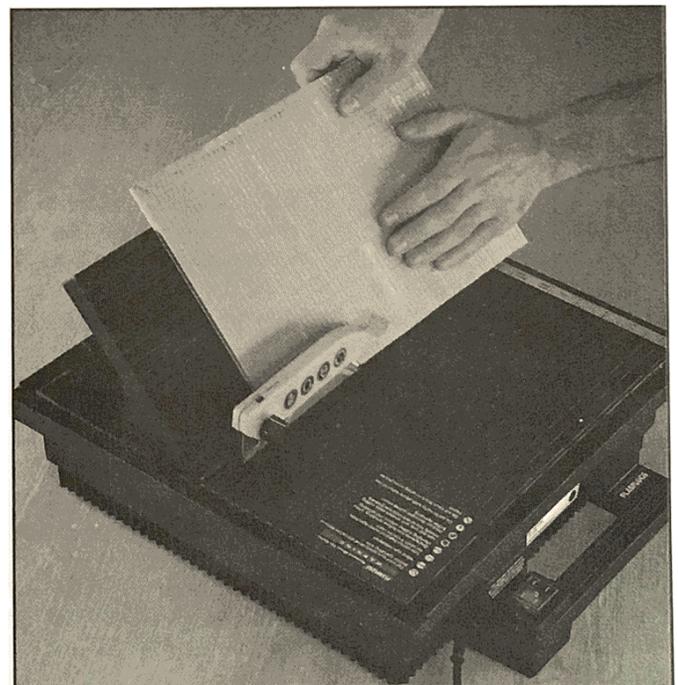
Manual del usuario

Instructions à lire attentivement et à conserver soigneusement

Scie de carreleur Wet Saw

Manuel de l'utilisateur

Se ruega leer estas instrucciones con cuidado y guardarlas en lugar seguro



PLASPLUGS Diamond Wheel Wet Saw

Contents:

Safety & Good Practice	2, 4, 6, 8
Electrical Safety (UK Users)	10
Grounding Instructions (USA Users)	14, 16
Preparing the Wet Saw for use	18, 20
Before Use	22
Using the Wet Saw	24, 26
Care of the Wet Saw	28
Customer Service & Product Guarantee	29

PLASPLUGS Scie de carreleur Wet Saw

Table des matières

Règles pratiques de sécurité	3, 5, 7, 9
Sécurité électrique (Royaume-Uni)	11
Raccordement à la terre (USA)	15, 17
Préparation de la scie Wet Saw	19, 21
Avant de commencer	23
Utilisation de la scie Wet Saw	25, 27
Entretien de la scie Wet Saw	28
Service à la clientèle et garantie	30

PLASPLUGS Sierra refrigerada por agua con hoja de diamante

Índice:

Medidas de seguridad y Uso debido	3, 5, 7, 9
Medidas de seguridad eléctrica (Reino Unido)	12, 13
Instrucciones para la puesta a tierra (EE.UU.)	15, 17
Preparación de la sierra para su uso	19, 21
Antes de usar la sierra	23
Uso de la sierra	25, 27
Cuidado de la sierra	28
Servicio al cliente y Garantía	31

 Please read these instructions carefully and keep them in a safe place.

WARNING

Safety and Good Practice

- For safety and motor life, only switch the Wet Saw on immediately before cutting a tile and switch it off immediately after use.
- Never touch the moving cutting wheel.
- **Do not press hard to cut,** maximize efficiency by using a steady even pressure.
- **Grinding generates sparks-** keep flammable substances and materials well away.
- **Remove adjusting keys and wrenches.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- **Keep work area clean.** Cluttered areas and benches invite accidents.
- **Don't use in dangerous environment.** Don't use power tools in damp or wet locations, or expose them to rain. Keep area well lighted.
- **Don't overreach.** Keep proper footing and balance at all times.
- **Keep children away.** All visitors should be kept at a safe distance from work area.
- **Make workshop child proof** with padlocks, master switches, or by removing starter keys.
- **Use the right tool.** Don't force tool or attachment to do a job for which it was not designed.

WARNING

Safety and Good Practice

- **Wear proper apparel.** Wear no loose clothing neckties, rings, bracelet, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
- **Always use safety glasses.** Everyday eyeglasses do not have impact resistant lenses, they are NOT safety glasses. Also use face or dust masks if operation is dusty.
- **Keep guards in place** and in working order.
- **Maintain tools with care.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- **Disconnect tools** before servicing, when changing accessories, cutters and the like.
- **Reduce the risk of unintentional starting.** Make sure switch is in off position before plugging in.
- **Use recommended accessories.** The use of improper accessories may cause risk of injury to persons.
- **Never leave tools running unattended, Turn power off.** Do not leave tool until it comes to a complete stop.
- **Direction of feed.** Feed work into a cutter against the direction of rotation of the cutter only.
- **Damaged cords.** Repair or replace damaged or worn cord immediately. Consult a qualified electrician if necessary.

WARNING

Safety and Good Practice

- **Don't force tool.** It will do the job better and safer at the rate for which it was designed.
- Use the bench stops to secure the tile cutter on a level rigid surface.
- **Never stand on tools.** Serious injuries could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
- **Check damaged parts.** Before use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function - check for alignment of moving parts, binding of moving parts, breakage of moving parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- **Extension Cords.** Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking: - 'acceptable for use with outdoor appliances; store indoors while not in use.' Use only extension cords having an electrical rating not less than the rating of the product. Do not use damaged extension cords. Examine extension cord before using and replace if damaged. Do not abuse extension cords and do not yank on any cord to disconnect.

WARNING

Extension Cords

Keep cord away from heat and sharp edges. Always disconnect the extension from the receptacle before disconnecting the product from the extension cord. **WARNING** - to reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands. Ground fault circuit interrupter (GFCI) protection should be provided on the circuit(s) to be used for the tile saw. Receptacles are available, having built-in GFCI protection and may be used for this measure of safety.

- **Use proper extension cord**
Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. The table below shows the correct size to use, depending on cord length and nameplate ampere rating.

Cord ratings

VOLTS	TOTAL LENGTH OF CORD IN FEET			
	120ft.	25ft.	50ft.	100ft. 150ft.
AMPS	AWG			
0-6	18	16	16	14

If in doubt, use the next heavier gauge. The smaller the gauge number the heavier the cord.

WARNING

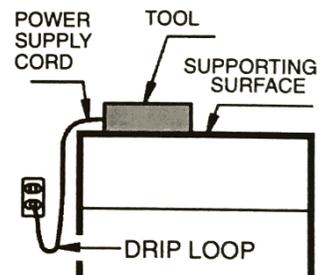
Electrical Safety

For U.K. Users:

- The Power Unit is fitted with an internal thermal cut-out switch which will switch off the motor automatically when too hot. It will reset after cooling fully with power disconnected.
- The Power Unit is a Class 1 appliance and must be connected to the standard 3-pin earth socket.
- The plug is fitted with a 3 amp BS 1362 fuse. Do not replace fuses with other than correct approved fuses.
- Use this appliance only with the recommended power supply i.e. 220-240 volts, 50 Hz, and keep to the recommended continuous running-times.
- The cable supplied is coded live - brown, neutral - blue and earth - yellow/green. If cable is damaged, replace with a new cable and consult a qualified electrician if in any doubt.
- For extra safety switch off and disconnect the power when not in use.
- To reduce the risk of unintentional starting, make sure switch is in off position before plugging in.
- Never leave tools running unattended. Turn power off. Do not leave tool until it comes to a complete stop.
- Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.

For U.S.A. Users:

- **Position of Tile Saw**
To avoid the possibility of the appliance plug or receptacle getting wet, position the tile saw to one side of a wall-mounted receptacle. To prevent water from dripping onto the receptacle or plug. A 'drip loop' shown in the figure below should be arranged by the user for the cord, connecting the saw to a receptacle. The 'drip loop' is that part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water travelling along the cord and coming in contact with the receptacle.



- If the plug or receptacle does get wet, DON'T unplug the cord, Disconnect the fuse or circuit breaker that supplies power to the tool, then unplug and examine for presence of water in the receptacle.

Grounding Instructions**For U.S.A. Users:**

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord, having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation, having an outer surface that is green, with or without yellow stripes, is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding-conductor to a live terminal.

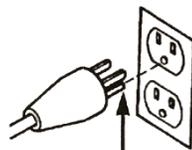
Check with a qualified electrician, or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tooling is properly grounded.

Use only 3-wire extensions cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.

This tool is intended for use on a circuit that has an outlet that looks like the one illustrated below in the sketch A. The tool has a grounding plug that looks like the plug illustrated below.

Sketch A

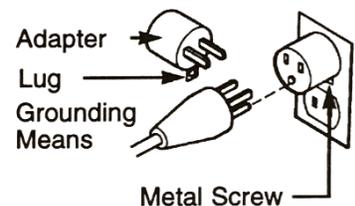
Cover of grounded outlet box



Grounding Pin

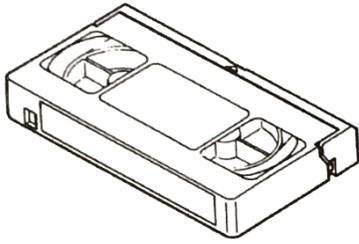
Grounding Instructions

A temporary adapter, which looks like the adapter illustrated, may be used to connect this plug to a 2-pole receptacle as shown below in sketch B, if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug and the like, extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box.

Sketch B

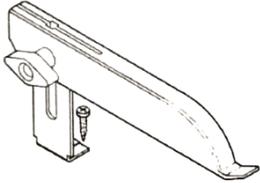
This tool should be connected to a grounded metal permanent wiring system or to a system having an equipment-grounding conductor.

Preparing the Wet Saw for use



Remove tape, lift cover and carefully remove parts packed inside.

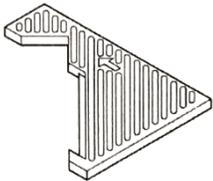
Video:
We recommend that you watch the video before using the Wet Saw as it has many useful tips and safety advice.



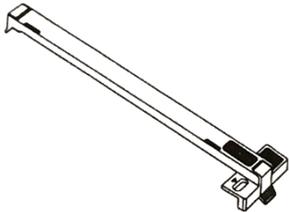
Splash Guard and riving blade support.



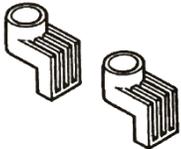
Diamond Cutting Wheel.



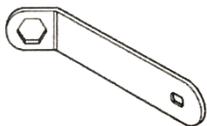
Diagonal Cutting Guide



Tile Guide



2 Bench Stops

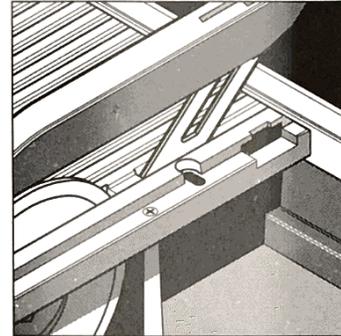


Wrench

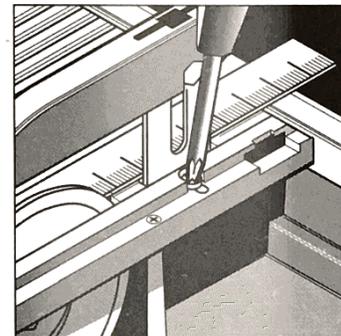
Preparing the Wet Saw for use



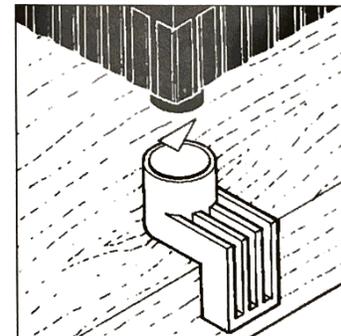
Fitting the cutting wheel
Remove nut and large washer from shaft. Then fit cutting wheel up from below with rotation arrow as shown. Refit washer and nut and tighten with wrench.



Fitting the Splash Guard
Remove screw and slot the support through its slot from above as shown. Lift and refit the screw.

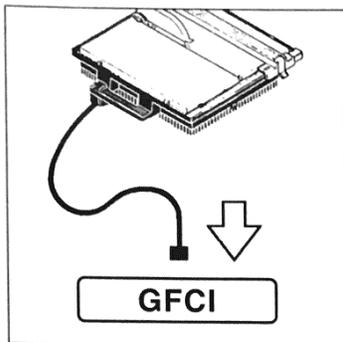


Aligning the Riving Blades
Place a metal ruler or similar alongside the cutting wheel as illustrated and check for alignment. Check each side and tighten screw when adjusted.



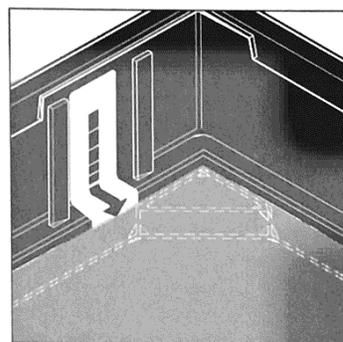
Fit bench stops to prevent machine moving forwards and locate on a level rigid surface.

Before use

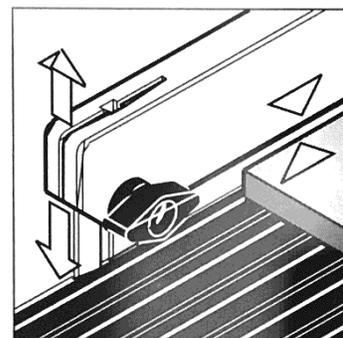


Connect to electrical power point using an approved GFCI circuit breaker.

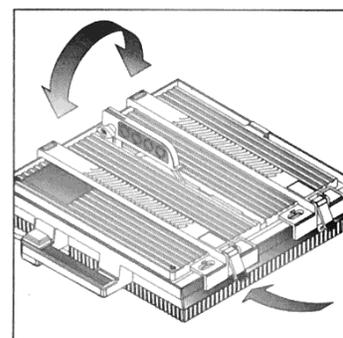
U.S.A. users:-
Connect to electrical supply receptacle using an approved ground fault circuit interruptor (GFCI).



Fill reservoir with water to level indicated by arrow.



Adjust blade guard up or down so that it is just above the tile surface.



Fit tile guide on top of the tile cutter, clamping front first and then back. Guide can be adjusted along scale and used on left or right of cutting wheel.

Using the Wet Saw

Precautions



Use an approved GFCI circuit breaker.



Proper eye protection must be worn.



Ear protection and gloves are recommended.



Keep people not wearing eye protection away from area.

Replacing saw blades

For use with diamond cutting saw blades 4 1/4 inches or less in diameter. We recommend the use of Plasplugs genuine replacement blades.
Product code ref. RDW110

General hints

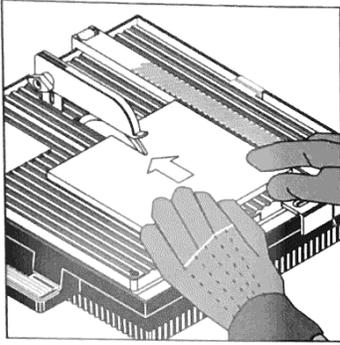
Always keep reservoir cleaned out thoroughly after use.

Empty cutter out and store the Wet Saw on edge opposite handle.

Always keep water level to recommended level - Do not overfill or ever allow to run dry.

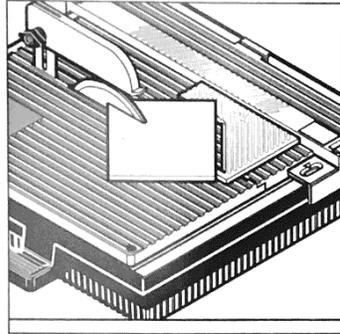
The powerful geared motor is protected by an integral thermal cut out switch - In the unusual event of this operating, disconnect the power. Then leave cutter to cool down. Before reconnecting check that the wheel is free to run.

If the problem persists consult a qualified electrician or telephone our customer service number on the technical label under the main handle.



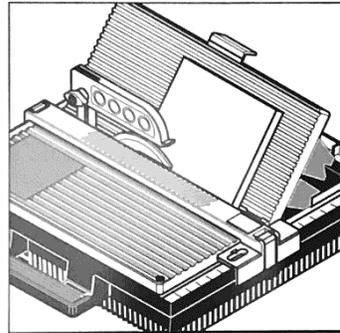
Cutting straight edges

Do not force - A steady even pressure will cut just as well. If undue force is needed check for alignment of riving blade, guide fence or worn blade.



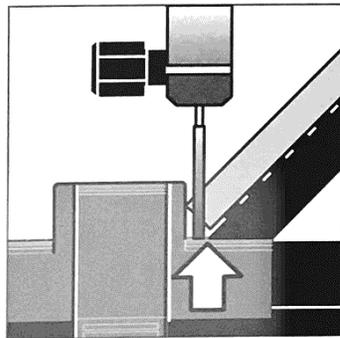
Making Diagonal cuts

Use the Diagonal cutting guide as shown keeping both the tile and guide firmly pressed against the fence as you cut.



Cutting 45 and 22.5 Mitres

Lift up the right hand side of the worktop, bend out the support legs so that they wedge into the top of the pillars on each side of the water reservoir. This is done using each thumb inside to spring out both legs together.



Tiles should be cut face down on the left table top. It is recommended that the tile guide be snapped into place creating a small flat on the left edge to avoid sharp edges and chips.

It is recommended that the tile guide be snapped into place creating a small flat on the left edge to avoid sharp edges and chips.

Keep the Wet Saw clean and free from oil and grease.

Store in dry conditions.

The Wet Saw requires no maintenance by the user and no regular servicing is required. In the unlikely event of a fault developing, do not attempt to dismantle or repair the unit yourself as this will void your guarantee. The Diamond Wheel Wet Saw contains no customer serviceable parts. Return it directly to Plasplugs' Customer Service Department.

Customer Service and Product Guarantee

In the unlikely event of operating difficulty, please contact Plasplugs at your country address below:

If a fault occurs, return direct to Plasplugs by mail.

Do not return the unit to the store where bought - the unit contains no customer or shop serviceable parts.

Never interfere with the components or attempt to repair the Wet Saw yourself, as this will void your guarantee. All Plasplugs tools are carefully inspected and tested before leaving our factory and are guaranteed against defects due to faulty materials or workmanship for a period of 90 days from the date of purchase. During this period a defective product will be replaced or repaired free of charge within 28 working days of receipt.

PLASPLUGS

UK Users:

Plasplugs Limited
Wetmore Road
Burton-on-Trent
Staffordshire
DE14 1SD

**FREEPHONE
0800 243401**

USA Users:

Plasplugs Inc.
780 Vassar Avenue
Lakewood NJ08701

**TOLLFREE
1-800-966-6400**

Terms of Guarantee

Providing the following guarantee and conditions are met, we will repair or replace, free of charge any part or assembly found to be defective during the guarantee period provided that:

1. The product is returned to the Plasplugs Customer Service Department at the address below by post, together with proof of purchase and a description of the fault or problem experienced, and a copy of the store receipt.
2. The product has been used for the purpose for which it was intended and has not been abused or mishandled.
3. The product has not been dismantled or interfered with in any way and repairs have not been attempted by persons other than Plasplugs' Customer Service Department.
4. The product has been adequately packed and protected for return in such a way that further damage is not caused. Such damage is not covered by the terms of this guarantee.
5. We reserve the right to repair or replace faulty products at our own discretion and we will return a fully functioning unit to you within 28 working days of receipt.

This guarantee is provided as an additional service and does not affect your statutory rights.