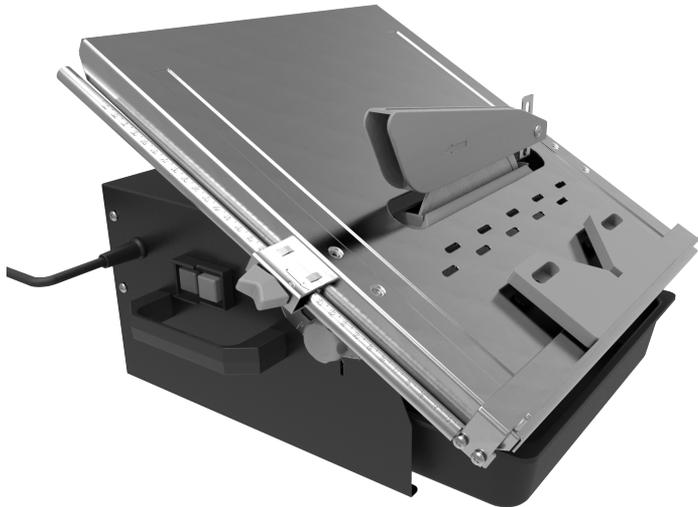


# Vitrex®

Sign of a professional job

# Astro 720W Cutter

## Safety and Operating Manual



### Environmental Protection

Waste electrical products should not be disposed of with household waste.  
Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



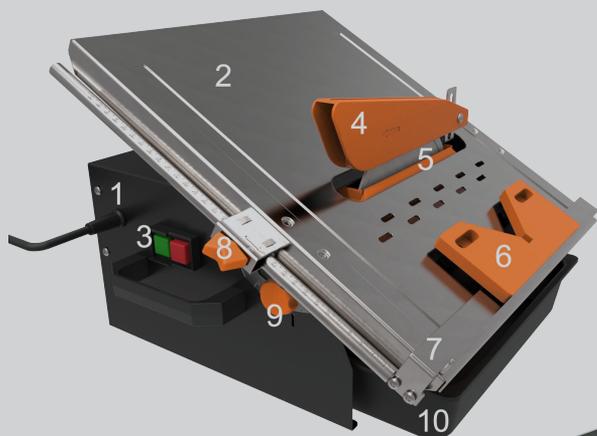
### Safety First

Always wear Vitrex Protective Equipment when using hand or power tools.



# ASTRO 720W CUTTER

## Owner's Safety and Operating Manual



1. Motor Base Unit
2. Cutting Surface
3. Power Switch
4. Splash Guard
5. Cutting Blade
6. Angle Guide
7. Cutting Guide
8. Cutting Guide Adjustment Knobs
9. Mitre Adjustment Knobs
10. Water Reservoir
11. Spanner



### GENERAL CONDITIONS

You have just purchased one of our electric cutting machines for tiles or similar materials.

- This machine has been inspected thoroughly at every stage of production to ensure your satisfaction.
- Before using the machine, be sure to read this manual carefully and in full.
- Do not use your machine for any work for which it was not designed.
- Keep the instructions near the machine.
- In the event of a claim, or when ordering spare parts, please specify: The model, the serial number and the year of manufacture given on the nameplate.
- If the user fails to comply with instructions, replaces parts with non standard parts or if any person other than specified persons work on the machine, the guarantee will be cancelled
- We reserve the right to make any technical modification without prior notice.

## ANGLE GUIDE

- The angle guide fits on top of the cutting guide.
- Use the adjusting knob to set the guide to the required angle (Fig 6).

## WATER RESERVOIR

- Fill the reservoir with water to a depth of 20mm.
- Ensure the water level continues to cover the blade whilst cutting.
- Top up the water level between cuts if required.

## CUTTING A MITRE

- Unscrew the round knobs both sides of the machine body to release the table from the flat position.
- Lift up the left side of the table and use the angle guide measure to set the table top at the desired position.
- Tighten the round knobs to secure the table in place. (Fig 7)

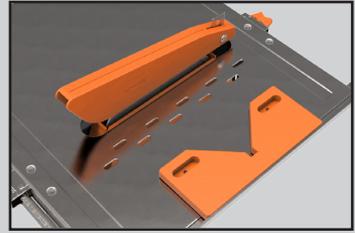


Fig. 6

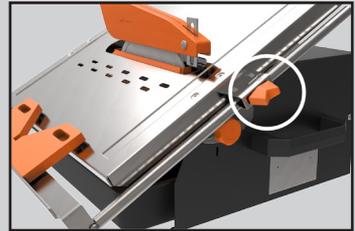


Fig. 7

## CUTTING BLADES

- Use the diamond blade with continuous rim for cutting tiles.
- Use the turbo disc to cut: bricks, concrete tiles, flat tiles, roof tiles and thin concrete.
- Visit [www.vitrex.com](http://www.vitrex.com) for 200mm replacement blades for this cutter.

## CARE AND CLEANING

- Always clean sludge thoroughly from tray after use.
- Wash with a clean damp cloth. Do not use a water jet or hose.
- Keep the cutter free from oil and grease and store in dry conditions.
- No regular servicing is required. In the unlikely event of operating difficulty, please contact Vitrex directly.

**For after sales care or any other additional questions you may have regarding Vitrex tiling tool product range, please contact us on 01335 347300.**

## USING THE CUTTER

### DURING USE

- Do not cut any materials other than: tile, stone, concrete, roof tiles, bricks or similar products.
- Do not use the diamond blade to dry cut as this will affect the life span. Only use the turbo blade to dry cut.
- Do not apply force during cutting; apply constant and regular pressure to the material.
- Regularly check the level of the water and top up if necessary.
- Ensure cutter is on a flat surface.

#### **Please note:**

This machine does not have full water recirculation. Some water from the cutter surface will not be recirculated and may fall on to your work area.

Please take appropriate measures to protect your surroundings.

- Always ensure that the guard is in place and in working order.
- Connect to electrical power point using an approved RCD circuit breaker. This is an essential safety precaution.
- For safety and motor life only switch the cutter on before cutting.
- Switch off immediately after use.
- Use adequate eye and hand protection as specified.
- Assemble and adjust all the accessories including the protective devices.

### REPLACING THE CUTTING BLADE

- Ensure the machine is disconnected from the power source.
- Remove the blade guard (Fig. 1).
- Remove nut and washer using the spanner provided (Fig. 2).
- Assemble the blade, flange and nut, ensuring that the elements are clean, and lock the assembly efficiently without excess force. Use only the specified cutting blade. Check that the rotation direction of the blade corresponds to the specifications (arrow) and check there is no vibration.
- Check the blade is firmly secured, replace the blade guard.

### CUTTING STRAIGHT EDGES

- Move the cutting guide to the preferred position, unscrew the cutting guide knobs (Fig 3).
- Once in the correct position, tighten knobs to secure.
- Adjust splash guard up or down so that it is just above the tile surface (Fig 4).
- Use the cutting guide alongside tile edge for support. (Fig 5)



Fig. 1

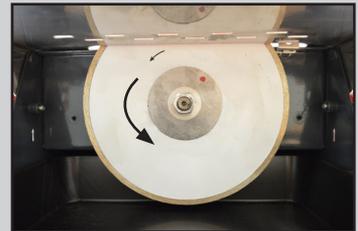


Fig. 2

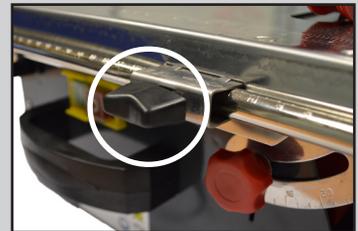


Fig. 3

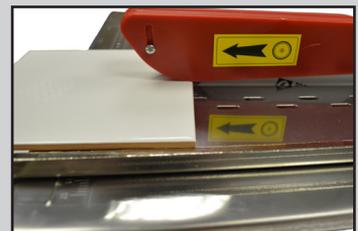


Fig. 4

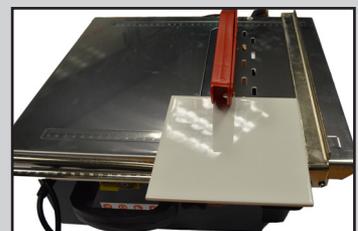


Fig. 5

## SAFETY INSTRUCTIONS

### **Before use, read the instructions carefully and familiarise yourself with the machine.**

When using electrical tools, basic safety precautions should always be used including the following:

- Read and save all instructions.
- To avoid the danger of suffocation, keep plastic bags and packaging materials away from children and babies.
- Connect through an RCD adaptor.
- Unplug from outlet when not in use, before putting on or taking off any parts and before cleaning.
- To protect against electrical shock, do not immerse cord, plug or appliance in water or any other liquid.
- Do not operate any product with a damaged cord or plug, if the product malfunctions or it is dropped or damaged in any way.
- The use of attachments not recommended or sold by Vitrex may cause fire, electrical shock or injury.
- Keep your work area clean - Cluttered benches invite accidents.
- Do not use in dangerous environments. Do not use in damp or wet conditions or expose machine to rain.
- Keep your working area well lit.
- Do not let the cord hang over the edge of table or counter, or touch hot surfaces.
- Do not use product or attachments for other than intended purpose.
- Do not leave product unattended whilst it is operating.
- Do not over reach - keep proper footing and balance at all times.
- Keep all non - users a safe distance from the work area, especially children.
- Never touch the moving cutting blade.
- Grinding generates sparks - keep away all flammable substances and materials.
- Maintain all tools with care. Keep tools sharp and clean for best and safest performance.
- Never stand on tools.
- Always check for damaged parts before operation. Do not use this machine if damaged parts are detected.
- Thermal cut out switch will prevent the motor from overheating.

## USER PRECAUTIONS

- Wear proper apparel - remove all loose clothing, neckties, rings, bracelets and other jewellery that may get caught in moving parts.
- Non-slip footwear is recommended.
- Wear protective hair covering to contain long hair.
- Ear protection and gloves are recommended.
- Always use safety glasses. NB. Everyday eye-glasses do not contain impact resistant lenses - they are NOT safety glasses.
- Always use face or dust masks if cutting operation is dusty.
- Always connect to an electrical power point using an approved RCD circuit breaker. This is an essential safety precaution.
- For safety and to prolong the motor life, only switch the cutter on before cutting. Switch off immediately after use.

## PRODUCT SPECIFICATION

Model No.	WSBMC720
Motor	230 V / 50 HZ - S2:15min
RPM	2800
Input Power	720W
Rated Power	450W
Blade Size	Ø 200mm
Bore Size	22.2mm
Cutting Height	43mm
Mitres	Up to 45°
Acoustic Pressure	< 70 dBA - IP44
Substrates	For brick, concrete, polished porcelain, marble, quarry, terracotta, slate, marble, granite, porcelain, frost proof tiles, ceramic, granite, travertine, limestone and natural stone.

## CERTIFICATE OF CONFORMITY

This product has been tested and found to comply with  
EN 61029-1:2009, EN12418:2000+A1:2009 (Applicable Parts).  
The Machinery Directive 2006/42/EC

## ONE YEAR GUARANTEE

Your Vitrex product is guaranteed for one year from date of purchase, against electrical and mechanical defects in material and workmanship. Repairs or part replacement required as a result of such defects will be made free of charge during this period. Proof of purchase must be provided.

This guarantee does not cover damage caused by misuse, negligence or use on current or voltage other than that stamped on the product. The guarantee is invalid if the machine has been dismantled or interfered with in any way and persons other than Vitrex consumer care department have attempted repairs.

This guarantee is in lieu of any other warranty expressed or implied.

This warranty does not affect your statutory rights.