

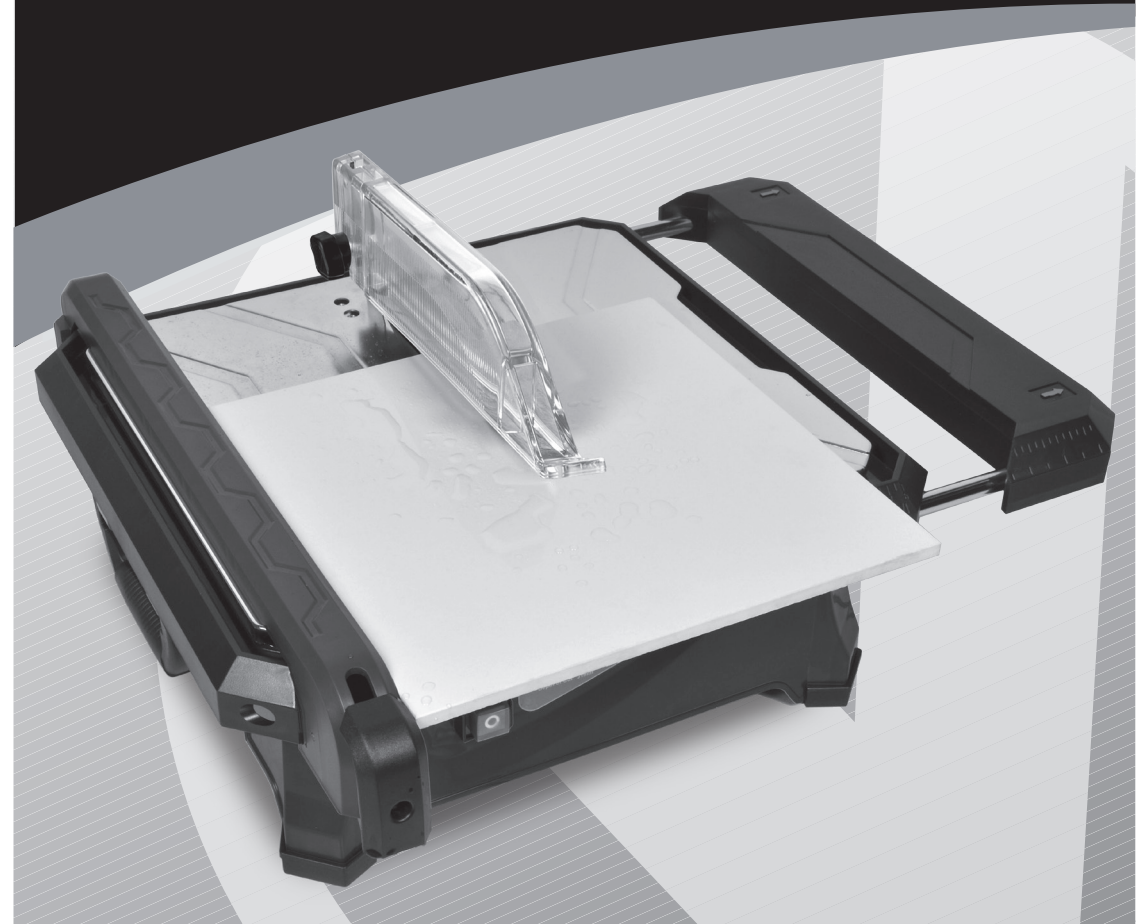
**Vitrex**   
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103430/650B

# VERSATILE<sup>®</sup>

## POWER PRO 650W Tile Cutter



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### Safety First

Read manual before use. Keep hands arms and face clear of blade whilst in use. Always have safety guard in place when machine is switched on at the mains. Always wear Vitrex Protective Equipment when using hand or power tools.



# VERSATILE<sup>®</sup>

## POWER PRO 650 Tile Cutter

### Owner's Safety and Operating Manual

## Contents

Safety Instructions .....	3
Machine Specification & Electrical Requirements .....	4
Assembly & Operating Instructions .....	5-6
Maintenance.....	7
Warranty .....	7

### Safety Instructions

To use this tool correctly, you must observe the Safety Regulations, the Assembly Instructions and the Operation Instructions contained in this Manual.

All persons who use and service the machine must be acquainted with this Manual and must be informed about any potential hazards.

Children and infirm people must not use this tool. Children must 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.

- Take suitable precautions to protect your eyes, ears, lungs and hands when operating the Wet Saw.
- Keep children and others away from the machine whilst in use.
- Only use circular blades with a continuous rim- DO NOT USE segmented circular blades, saw blades or abrasive disks.
- The machine should be used indoors only, in a clean, dry, well lit area and on a clutter free, flat work surface.
- Avoid wearing loose clothing, ties, rings, bracelets or other loose items which may become caught in the moving parts. Long hair should also be tied back or contained.
- Always ensure that all loose tools and components are removed from the immediate working area.
- Switch machine off between cuts and disconnect from mains supply before carrying out any maintenance, cleaning or changing the blade.

- Do not leave the saw running unattended or touch the blade whilst in motion - always use the blade guard when cutting.

- Replace damaged blades immediately and ensure that new blades are fitted correctly to run in the direction indicated on the blade.

- Only recommended replacement parts should be used with this machine - use of improper accessories could cause serious injury

### Thermal Overload Protection

This machine has built-in thermal overload protection designed to prevent overheating.

Should the thermal overload protection trip, ensure that mains power supply and machine switch are turned off. Allow the machine to cool down for 10-15 minutes before restarting.

### Features of the Tile Cutter

- High - torque direct drive industrial motor
- Ø180 x 22mm diamond blade cuts tile up to 30mm thick.
- Detachable splash guard is designed for quick blade installation.
- Adjustable rip and mitre guides allow users to make 90° rip cuts and 22° & 45° mitre cuts.
- The right cutting table is hinged to work as an adjustable mitre block for 22.5° and 45° mitre cuts.
- The right cutting table has a built - in water reservoir for cooling the blade.
- The water reservoir contains a side overflow hole to ensure the proper water level.
- The built - in handle helps users to carry the portable tile saw easily from place to place.
- Power cord and rip guide can be stored in bottom storage to prevent the accessories loss or damage.

## Machine Specification & Electrical Requirements

Mains voltage V	230V
Mains frequency Hz	50 Hz
Power input W	650W
No load speed min-1	3000 RPM
Blade diameter mm	180
Blade bore mm	22
Max. cutting depth mm	30
Mitre Cuts	22.5° & 45°

- Ensure that the mains voltage corresponds to the instruction plate – a single phase socket with two contacts and an earth is obligatory.
- Use of an approved RCD circuit breaker between the machine and the electrical power point is highly recommended.
- To reduce the risk of unintentional starting, make sure that the switch is in the OFF position before plugging in.
- Repair or replace damaged or worn cable immediately after first disconnecting from mains supply.
- Electrical faults must only be rectified by a qualified electrician.
- This machine is Class 1 insulation and requires an earth.

The contents of the box should include the following (See pic below):

- POWER PRO 650 Tile Cutter
- Blade Assembly Set comprising of 180mm Diamond Blade, blade carrier, splashboard and splashboard securing screw and spanner
- Blade guard set comprising of bolt, wing nut, washer, guard support and blade guard
- Rip Guide
- Angle Mitre Guide
- Extension Outrigger
- Owner's Safety & Operating Manual



## Assembly & Set Up

### Positioning of the blade:

Place the blade onto the shaft, pushing it against the inner flange. Make sure the side of the blade with directional arrow is facing towards you.

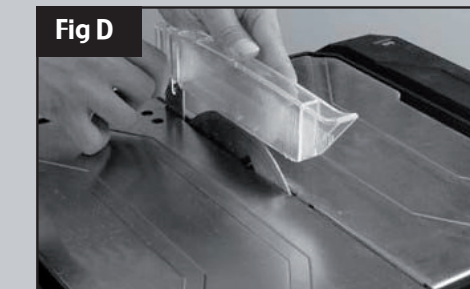
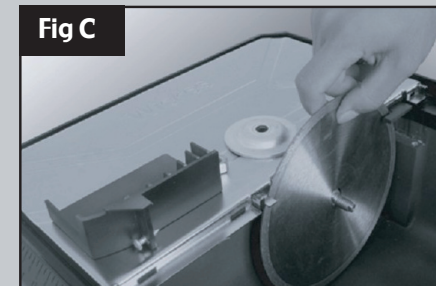
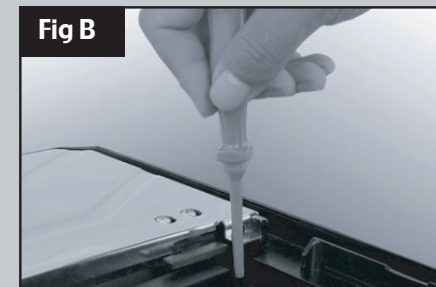
Next place the outer flange and blade shaft nut, and then tighten the blade shaft nut. Make sure the nut is firmly tightened with spanner provided.

**Do not over-tighten!** (See Fig A-C)

### Placing The Splash Guard:

Insert guard support into the socket. Make sure the support is parallel to the blade. Place splash guard onto support and tighten wing nut. (See Fig D)

Place the Rip Guide on the top of the cutting table and clamp both ends. Rip guide can be placed on both right and left side. (See Fig E) Place the Mitre Guide on to the Rip Guide (See Fig F)





## Tile Cutter Operation

Take out the electrical cord to connect to the power source. The electrical cord is stored underneath the counter.

Detach the splash guard, and then open the right cutting table to fill the reservoir with water to the recommended level.

Attention! Keep water level within lines. (See Fig G)

Attach the splash guard above the blade and close to the right cutting table.

### Now you are ready to cut!

#### Steps for rip, angle and mitre cuts :

The edge of the cutting table (upper frame) is marked with rigid dimension in both inches and centimetres for accurate cutting.

#### For 90° rip cuts

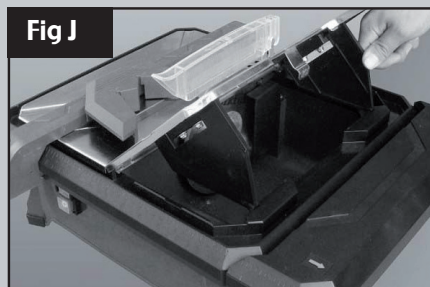
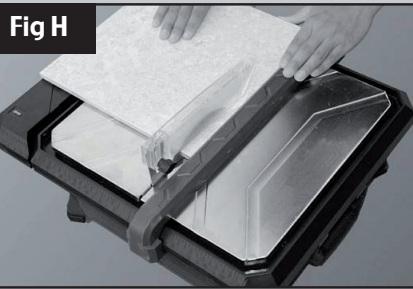
After the rip guide is positioned for the desired dimension, lean the material against the rip guide then push the material forward to the blade. (See Fig H)

#### 22° & 45° angle cuts

Attach the mitre guide on the rip guide. Choose the degree you want. Then push the mitre guide and material together forwards for the blade to cut the material. (See Fig I)

#### For mitre cuts

Raise the right cutting table at the desired angle, you can choose 22.5° and 45°. Put the two stands into the grooves to hold the cutting table in place. Place the material face down onto the left cutting table and you are ready to cut. (See Fig J)



## Maintenance

- Always check the blade before use for cracks or signs of damage.
- Ensure that the reservoir is filled up to the recommended level. Do not overfill or allow it to run dry.
- Always clean the machine after use, after first ensuring that it is disconnected from the mains.
- Rinse out reservoir thoroughly to remove all sludge and wipe down outside of machine using a cloth or sponge.
- When not in use, store the electrical cable and plug under the machine in the space provided.
- No other servicing is required in normal use. No attempt should be made to repair or replace internal components as this will invalidate any claim whilst the product is under guarantee.

## Consumer Advice

- Do not dispose of electrical products with your normal household waste.
- Always use recycling facilities whenever possible.
- Additional recycling information can be found through your local Authority or Retailer.



- 103430 is the Vitrex code for model 650B
- For further information or advice, please call the Vitrex Technical Helpline on +44 (0) 1253 789180.

Q.E.P. Co UK Ltd is committed to a continuing program of product improvement. Consequently, please be advised that specifications, performance, appearance, and dimensions of QEP/Vitrex products are subject to change without notice. For more up-to-date information about our range of products, please contact our Customer Service Office on +44 (0) 1253 789180 or your local distributor.

This electric tile cutter has been manufactured to a high quality standard. It is guaranteed against faulty materials and workmanship for 12 months from the date of purchase. Any claim must be accompanied by a valid till receipt as proof of purchase. A faulty machine will either be repaired or replaced free of charge. If a direct replacement is not available, an alternative of the same or greater value/specification will be offered.

This guarantee does not cover machine defects caused by or resulting from:

- a) Misuse, abuse or neglect, b) Trade, Professional or hire use, c) Repairs attempted by anyone other than our authorised repair agent, d) Ingress of foreign objects, substances or accident

In the unlikely event of a fault occurring, contact should be made through the Vitrex Technical Helpline +44 (0) 1253 789180

The above guarantee is only valid within the UK and does not affect your statutory rights.

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