

Maintenance

- Always check the blade before use for cracks or signs of damage
- Ensure that the water tray is filled up to the recommended level.
- Always clean the machine after use, after first ensuring that it is disconnected from the mains.
- Rinse out water tray thoroughly to remove all sludge and wipe down outside of machine using a cloth or sponge.
- No other servicing is required in normal use. No attempt should be made to repair or replace internal components as this may 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.



- *CE relates to 240V only
- For further information or advice, please call the Vitrex Technical Helpline on 01253 789180.

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 to 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 (01253 789180).

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

The guarantor is Q.E.P. Co. UK Ltd., Everest Road, Lytham St. Annes, Lancashire, FY8 3AZ (Registered No. 04988177 England).



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VERSATILE[®] POWER

PRO Bridge Saw

Owner's Safety and Operating Manual



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.



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PRO Bridge Saw

Owner's Safety and Operating Manual

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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 and anyone under the influence of drugs, alcohol or medication must not operate this saw. 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 ideally 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, components and adjusting wrenches 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 use the Bridge Saw for anything other than its intended use.
- When using an extension lead, check that it is capable of carrying the current required – failure to do so may result in loss of power and overheating.
- Do not leave the saw running unattended or touch the blade whilst in motion – always use the blade guard when cutting.
- Replace damaged blades and other parts immediately – ensure that new blades are fitted and aligned 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.

Automatic Overload Protection

To prevent overheating this machine has automatic overload protection which is designed to cut power to the motor.

Should the automatic overload protection trip, ensure that mains power supply and machine switch are turned off.

After ten seconds press the breaker button next to the main switch and restart the machine.

Machine Specification & Electrical Requirements

Power Supply	240V 50Hz / 110V 50Hz
Motor	900W / 1100W
RPM (No load)	2800rpm / 3400rpm
Maximum Sound Level*	110 dB (A)
Maximum Depth of Cut (with new blade)	35mm
Maximum Depth of Cut at 45° (with new blade)	30mm
Mitre Cutting Angle	0°–45° degrees
Cutting Angles	0°–45° degrees
Machine & Accessories packaged weight	45kg

*Note: If the sound intensity level exceeds 85 dB (A) ear protection should be worn by the operator

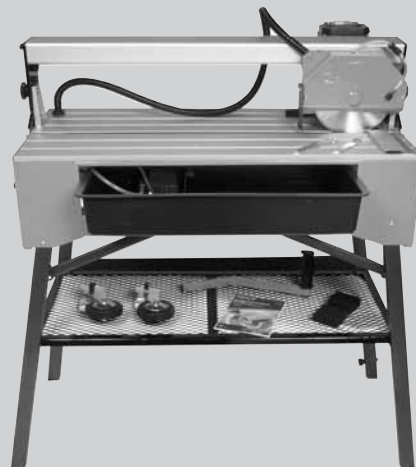
- Ensure that the mains voltage corresponds to the instruction plate – a single phase socket with two contacts and an earth is obligatory.
- Use an approved RCD circuit breaker between the machine and the electrical power point.
- To reduce the risk of unintentional starting, make sure that the switch 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 carried out by a qualified electrician.
- Immediately switch off the saw in the case of:

- Excessive sparking of the brushes
- Malfunction of the main plug, socket or damaged cables
- Broken switch
- Smoke or smell caused by scorched insulation

- **WARNING** – To reduce the risk of electrocution, keep all connections dry. Do not touch the plug with wet hands. Ensure that water cannot run back along the cable from the machine and into the plug socket.

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

- PRO Bridge Saw
- 200mm Diamond Blade
- 2 Wrenches
- Operating handle
- Steel shelf
- 2 Rear Wheel attachments
- Water Pump and Tray
- 2 spare foam Pump Filter Pads
- Owner's Safety & Operating Manual



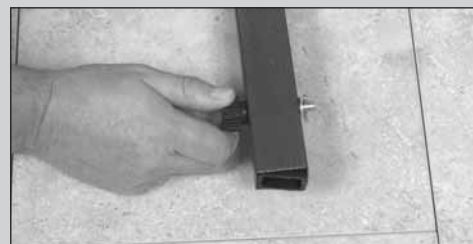
IMPORTANT

For best results with your new Vitrex Power PRO Bridge Saw, allow the blade to do the work, rather than forcing the tile through the machine. Should the blade stop, simply ease the tile away and then continue cutting using slightly less pressure.

Assembly & Operation



Remove the saw from its carton, lay carefully on its side. Pull down the legs and fasten the four support brackets to them using the nuts provided.



Balance can be altered if necessary by adjusting the screw on the right leg. Stand the saw upright and place the steel shelf in position.



Secure the handle in position on the blade carriage using the two screws provided.



Ensure that the drain plug is in position, then fill the water tray until the pump is almost submerged (approx. 10 litres). Check water level regularly and top up as necessary. Do not allow pump to run dry.

Operating Instructions

Straight Cuts



Unfasten blade carriage retaining bolt



Push the blade carriage to its furthest point away from the operator.



Place the tile in position on the cutting table so that it rests against the measuring scale and the mitre guide. Switch on the machine.



Set the size of cut required on the measuring scale and lock the mitre guide.



Pull the blade carriage steadily towards you, cutting through the tile. When the cut is complete, switch off the machine, removing the cut tile pieces and any debris.

Angular Cuts



Push the blade carriage to its furthest point away from the operator. Loosen the winged screw on the mitre guide and set the angle of cut required.



Place the tile in position on the cutting table so that it rests against the measuring scale and the mitre guide. Switch on the machine.



Pull the blade carriage steadily towards you, cutting through the tile. When the cut is complete, switch off the machine, removing the cut tile pieces and any debris.

Mitre Cuts



Loosen the two knobs at either end of the bridge.



Tilt the bridge to the desired angle (up to 45 degrees) and re-tighten. Push the blade carriage to its furthest point away from the operator



Place the tile in position on the cutting table so that it rests against the measuring scale and the mitre guide. Switch on the machine.



Pull the blade carriage steadily towards you, cutting through the tile. When the cut is complete, switch off the machine, removing the cut tile pieces and any debris.

Blade Replacement



Press the blue rings on the hose connector to release the water tubes.



Remove the four retaining screws and take off the blade guard.



Whilst holding the shaft with the spanner wrench, turn the blade retaining nut clockwise to release using the hex wrench.

Ensure that the new blade is correctly seated against the shaft and that the directional arrow matches that on the blade guard. Replace the flange and nut, taking care not to overtighten.

Rotate blade to ensure correct alignment.

Replace the blade guard and water tubes.

Wheel Fitting



There are two different options for mounting of the wheels. For ease of movement whilst on site, mount wheels at bottom of the support legs.



For transporting the saw between jobs, wheels can be mounted at the top of the folded legs, just below the angled stabilising bracket. The saw can now be easily moved by lifting the handle at the opposite end of the machine.

Pump Maintenance



Always clean the pump after use.

Remove intake and impeller covers and rinse the foam filter pad and impeller thoroughly to remove debris and prevent jamming.

Replace filter pad as necessary when showing signs of wear.

Two replacement filter pads supplied with machine.