

Vitrex®

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103450

VERSATILE®

POWER PRO 900W 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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QEP

VERSATILE®

POWER PRO 900W 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 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.

- 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 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

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	220/240v/50Hz
Motor	900W
RPM (No load)	2950 RPM
Maximum Sound Level*	110 dB (A)
Blade size	200mm x 22mm bore
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 packed weight	45 kg

* 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:

- Versatile Power Pro 900W Bridge Saw
- 200mm Diamond Blade
- Wrenches
- Operating handle
- Steel shelf
- 2 Rear Wheel attachments
- Water Pump and Tray
- Owner's Safety & Operating Manual

IMPORTANT

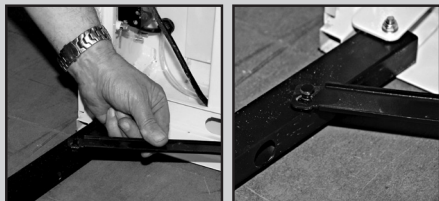
For best results with your new Vitrex Versatile Power Pro 900W Bridge Saw allow the blade to do the work, rather than forcing the tile through the machine. Should the blade stop, simply ease the tile away and then continue cutting using slightly less pressure.



Assembly & Operation



Remove the saw from its carton, lay carefully on its side.



Pull down the legs and fasten the four safety brackets to them using the arms.



Make sure the wheels are tightened.



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.

Operating Instructions

Straight Cuts



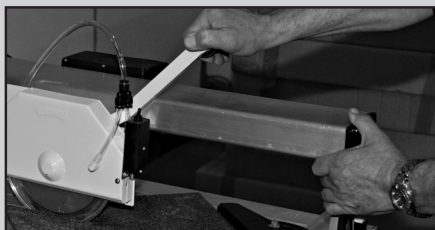
Unfasten blade carriage retaining bolt.



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 mitre guide.

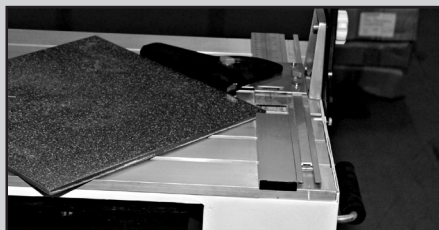


Set the size of cut required on the measuring scale and lock the mitre guide. Switch on the machine.

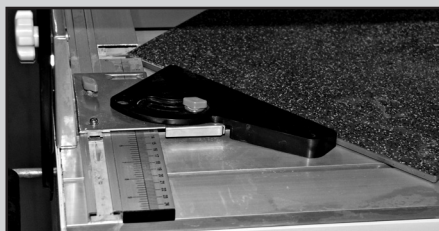


Pull the blade carriage steadily towards you, cutting through the tile. When the cut is complete, switch off the machine, removing the cut tile pieces and any debris.

Angular Cuts



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



Loosen the winged screw on the mitre guide and set the angle of cut required.



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°) and re-tighten.



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

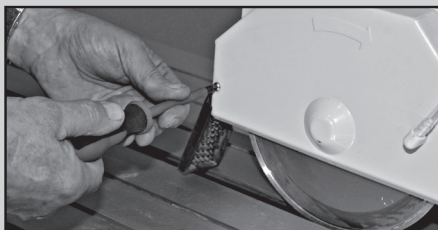


Switch on the machine. Pull the blade carriage steadily towards you, cutting through the tile. When the cut is complete, switch off the machine, removing the cut tile pieces and any debris.

Blade Replacement



Press the hose connector to release the water tubes.



Remove the two cover retaining screws and take off the blade guard.



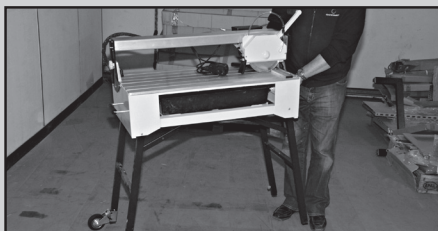
Whilst holding the shaft with the spanner wrench, turn the blade retaining nut clockwise to release using the hex wrench.

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.

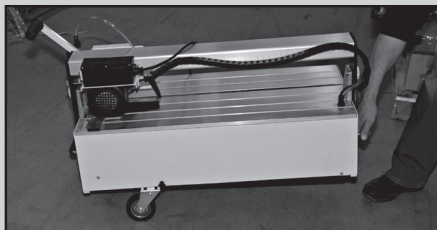
Replace the blade guard and water tubes.

Moving the Bridge Saw



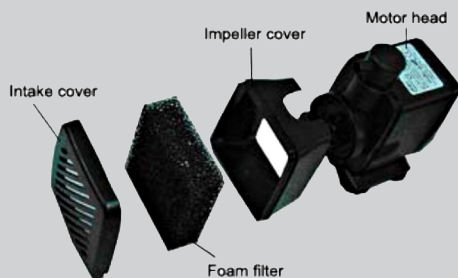
The bridge saw comes with handles for ease of moving the machine.

Transportation



For transportation 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 moved by lifting the handle at the opposite end of the machine.

Pump Maintenance



Note: Please clean the pump immediately after you stop use. Otherwise the filter foam and the impeller could be stuck by the dry debris. So you must replace the filter foam or the pump.

1. **Clean the pump**
To clean the pump, remove the intake Cover, and then take out of the filter foam and impeller cover. Use a small brush or stream of water to remove any debris on the foam and the impeller.
2. **Replace the filter foam**
To replace the filter foam, remove the intake cover, then take out of the filter foam and put into a new one.

Two replacement filter pads supplied with machine.

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.



- For further information or advice, please call the Vitrex Technical Helpline on +44 (0) 1253789180.

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.

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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