

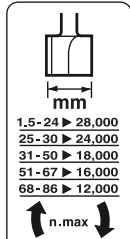
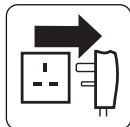
# SAFETY INFORMATION & CUTTER CARE

Before use, to ensure safe working and to get the best from your Trend cutters, read the following safety instructions and cutter care. Please see [www.trend-uk.com](http://www.trend-uk.com) for further safety advice.



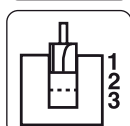
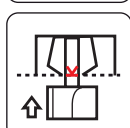
## POWER TOOL SAFETY

- Ensure the power tool is in compliance with 2006/42/EC (identified by the CE marking on the power tool).
- Read and understand instructions supplied with power tool, attachment and cutter.
- Always remove the plug from the socket before making any adjustments to the machine.
- Disconnect power tool and attachment from power supply when not in use, before servicing, when making adjustments and when changing accessories such as cutters. Ensure switch is in "off" position and cutter has stopped rotating.
- Do not wear loose clothing. Make sure baggy sleeves are rolled up and ties are removed. Ensure long hair is tied back.
- Always trail the cable away from the working area.
- Always keep the area around the work piece and the floor clear of obstacles.
- The level of noise when routing may exceed 85 dB(A) and ear defenders should be worn.
- Always wear eye protection in the form of goggles, safety spectacles or a visor.
- Always wear a respirator or dust protection mask. Dust masks/filters should be changed regularly. Fit dust extraction.
- All Personal Protective Equipment (PPE) must meet current UK and EU legislation.
- Trial cuts should be made on waste material before starting any project.
- Always clamp securely the material being machined.
- Never leave the power tool unattended when it is running.
- Always wait until the spindle stops rotating before making any adjustments.
- Periodically check all nuts and bolts to make sure they are tight and secure.
- Always keep guards in place and in good working order.
- Only use cutting tools for woodworking that meet EN847-1/2 safety standards and any subsequent amendments.
- Hand held power tools produce different vibration levels. Always refer to the specifications and relevant Health and Safety Guide.



## ROUTING SAFETY

- Disconnect machine from power source before carrying out any adjustments.
- Before each use check that the cutting tool is sharp and free from damage. Do not use the cutting tool if it is dull, broken or cracked or if any other damage is noticeable or suspected.
- Keep hands, hair and clothing clear of the cutter.
- Clamping surfaces shall be cleaned to remove dirt, grease, oil and water.
- Tool's shank must be inserted into the router's collet at least all the way to the marked point.
- Tools and tools bodies shall be clamped in such a way that they shall not become loose during operation.
- Care shall be taken when mounting tools to ensure that the clamping is by the shank of the tool and that the cutting edges are not in contact with each other or with the clamping elements.
- Fastening screws and nuts shall be tightened using the appropriate spanners etc., and to the torque value provided by the manufacturer.



- Extension of the spanner or tightening using hammer blows shall not be permitted.
- Clamping screws shall be tightened according to instructions provided by the manufacturer. Where instructions are not provided, clamping screws shall be tightened in sequence from the centre outwards.
- Cutting tools are sharp. Care should be taken when handling them.
- Check that the cutter is fitted securely in the router collet.
- Always remove spanners and hex keys from the cutter.
- Check before starting to cut, that there are no obstructions in the path of the router. When cutting through the full thickness of the material, ensure there are no obstacles beneath the work piece.
- The direction of routing must always be opposite to the cutters direction of rotation. Do not back-cut or climb-cut.
- Do not switch on the router with the cutter in contact with the work piece and do not feed the cutter into the work piece until it is at full speed.
- Always guide the router with both hands.
- When you are finished routing, release the plunge and allow the machine to come to a complete stop.
- Ensure the shank size is compatible with the collet.
- Ensure the cutter can be used safely with the chosen router before use.
- When using stacked tooling (multi-blade, block, groover etc.) on a spindle arbor, ensure that the cutting edges are staggered to each other to reduce the cutting impact.
- Feed the router at a constant speed. Too slow a feed speed will result in burning the material and overheating the cutter.
- Never use cutters with a diameter exceeding the maximum diameter indicated in the technical data of the power tool or attachment used.
- Do not take heavy and deep cuts in one pass as this will overload the router.
- The motor of a router is susceptible to the accumulation of sawdust and wood chips and should be blown out, or 'vacuumed', frequently to prevent interference with normal motor ventilation.
- In case of excessive vibrations while using the router stop immediately the operation and have the eccentricity of the router cutter and clamping system checked by competent personnel.

## MAXIMUM SPEED (N.MAX)

- The maximum speed marked on the tool, or shown in the chart or on the packaging should not be exceeded. Where stated, the speed range should be adhered to. Recommended speeds are shown in our Routing Catalogue, in our instructions and/or on our website.

## USING ROUTERS IN A FIXED POSITION

- After work, release the router plunge to protect the cutter.
- Always use a push-stick or push-block for last 300mm of the cut.
- Whenever possible use a work holding device or jig to secure component being machined.
- Ensure attachment is securely fitted to the workbench, with table surface at approximately hip height.

- Use a No-Volt Release Switch. Ensure it is fixed securely, easily accessible and is used correctly.
- Do not use awkward or uncomfortable hand positions.
- The use of a fine height adjuster is highly recommended (if available for your router) for accurately adjusting the height of the cutter for operations such as dovetailing, or in a fixed head use.
- Do not reach underneath the table or put your hands or fingers at any time in the cutting path while tool is connected to a power supply.

## CUTTER CARE

- Always read the instructions supplied with the cutter.
- Do not drop cutters or knock them against hard objects.
- Cutter shanks should be inserted into the collet all the way to the marked point. Do not insert shank too far into the collet. Leave about 3mm of shank showing.
- Do not over-tighten the collet nut as this will score the shank and create a weakness. If the shank is marked please discard the cutter.
- Periodically check the router collet and collet nut for wear. A worn distorted collet should be discarded.
- Cutters should be kept sharp to avoid burning and to maintain a good finish on the work piece. Do not use blunt cutters.
- Cutters should be kept clean. Resin build-up should be removed at regular intervals with Resin Cleaner. The use of a lubricant such as Trendcote PTFE spray will help prevent resin build-up.
- Do not take deep cuts in one pass, take several shallow passes to reduce the side load applied to the cutter.
- Very small diameter cutters should be handled and used with care.
- Always return the cutter to its packaging after use.
- Always use router cutters in a router. Router cutters must not be used in a drill. Drill and boring bits must not be used in a router. Router cutters must only be used for the material cutting application for which they are designed. Do not use on metal or masonry.

## REPAIR OF TOOLS/ MAINTENANCE

- Repair of tools is only allowed in accordance with the manufacturers instructions.
- The design of composite (tipped) tools shall not be changed in the process of repair. Composite tools shall be repaired by a competent person, i.e. a person of training and experience, who has knowledge of the design requirements and understands the levels of safety to be achieved.
- Repair shall therefore include e.g. the use of spare parts which are in accordance with the specification of the original parts provided by the manufacturer.
- Tolerances which ensure correct clamping shall be maintained.
- Care shall be taken that regrinding of the cutting edge will not cause weakening of the body and the connection of the cutting edge to the body.

## WARRANTY

If your Trend product becomes defective due to faulty materials or workmanship within 12 months of purchase, we guarantee to replace all defective parts free of charge, or at our discretion, replace the unit free of charge provided that: Proof of date of purchase is provided. The product has not been misused, abused or improperly maintained and has been used in accordance with the instructions. No unauthorised repair or modification has been made to the product. Service and/ or repair of power tools and machinery is carried out by an authorised Trend Service Agent. The product was not stolen or is a counterfeit copy.

Please note: This guarantee is personal to the original purchaser and is not transferable. The guarantee is in addition to and does not affect contractual rights as a professional user or your statutory rights as a private non-professional user. Customers must ensure that the product is suitable for the purpose intended before use. Trend cannot be held liable for any products or unauthorised service of any product. We also cannot be held liable for material rendered unusable or any form of consequential loss.

## IMPORTANT

The information in this catalogue is for general guidance purposes only. You are responsible for determining whether it applies to your particular application. Before using our products users must read and understand all safety legislation and refer to the Provision and Use of Work Equipment Regulations (PUWER). Before using our products please read and understand all instructions provided and also refer to our Safety section in this catalogue on page 119. Trend accessories must not be put into service until it has been established that the power tool being used is in compliance with 2006/42/EC (identified by the CE marking).

## ENVIRONMENTAL

We are committed to reducing the impact of our products to the environment through design and process. The re-use of recycled materials reduces the demand for raw materials and helps prevent environmental pollution. Packaging and used products should be sorted for environmentally friendly recycling. We comply with all applicable laws and regulations and strive to minimise waste generation, re-use and recycle materials where possible. Please see our website for more information and also [www.recycle-more.co.uk](http://www.recycle-more.co.uk)

## WASTE ELECTRONIC AND ELECTRICAL EQUIPMENT REGULATION

### Recycle raw materials instead of disposing as waste.

Accessories and packaging should be sorted for environmental-friendly recycling. Separate collection. This product must not be disposed of with normal household waste.

**Household User**  
Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by retailer when you purchase a new product. Please call Trend Customer Services for advice as to how to dispose of unwanted Trend electrical products in an environmentally safe way or visit [www.trend-uk.com](http://www.trend-uk.com)

**Business User**  
Please call Trend Customer Services for disposal of unwanted Trend electrical products.

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## SPECIAL CUTTERS

Router cutters can be made to a customer's specific requirements. Please provide exact dimensions or a wood profile, shank size, material grade (e.g. TCT or PCD), flute form, number of tips, rotation and material to be cut to enable us to provide a quotation. Please contact Trend Technical Support for further information.

