



**Mini Flexible Curve
Guide Template
8mm x 8mm for
Routers
CURV/8X500
CURV/8X1000**

INST/CURV/8 V1.0

trend[®]
routing technology

Please
read carefully
before use

**MINI FLEXIBLE CURVE GUIDE
REF. CURV/8X500 & CURV/8X1000**

Thank you for purchasing this Trend product, which should give lasting performance if used in accordance with these instructions.

The following symbols are used throughout these instructions.



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions.



Refer to the instruction manual of your power tool.

This unit must not be put into service until it has been established that the power tool to be connected to this unit is in compliance with 2006/42/EC (identified by the CE marking on the power tool).

INTENDED USE

This mini flexible curve guide is intended to be used with a router with a suitable bearing guided router cutter, or cutter and guide-bush arrangement, to make curved templates up to 10mm thick in wood-based materials such as MDF, plywood and natural timber.

The flexible guide can be used with a hand router or a router held stationary in an overhead stand or router table.

Flexible guide thickness	8mm
Flexible guide width (except fixing hole location)	8mm
Inside radius possible min.	30mm
Outside radius possible min.	35mm
Template material thickness max.	10mm
Fixing screw dia. max.	2.5mm

SAFETY

Please read and understand the safety points at the end of this instruction as well as the power tool instructions before use.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

The attention of UK users is drawn to The Provision and Use of Work Equipment Regulations 1998, and any subsequent amendments.

Users should also read the HSE/HSC Safe Use of Woodworking Machinery Approved Code of Practice and Guidance Document and any amendments.

Users must be competent in using woodworking equipment before using our products.

Attention should be made to the HSE's Safe Use of Vertical Spindle Moulding machines information sheet No. 18 and any revisions.

Please keep children and visitors away from tools and work area.

All power tools will have a residual risk, so must therefore be operated with caution.

ITEMS REQUIRED

- Router with suitable collet or router in router table/overhead stand with suitable collet fitted.
- Power drill.
- Screwdriver bit Poz. No.1.
- Bearing guided profiler, or trimmer router cutter, or straight cutter and suitable diameter template guide bush.
- Bandsaw, jigsaw, or fretsaw.
- Clamps.
- Template material.
- 8mm thick timber based shoe for hand routing, size 75mm x 30mm.
- Pencil.
- Handtools.

ITEMS ENCLOSED & DESCRIPTION OF PARTS

- A. Flexible guide **x1**
- B. Screw countersunk 2.5mm x 16mm Poz.:-
for 500mm flexible guide **x18**
for 1000mm flexible guide **x36**
- C. Instructions **x1**

OPERATION



These instructions are intended to give guidance how to use this product correctly.

Setting out the Flexible Curve Guide

- The flexible guide should be used to create a template that is then used to make the final component.
- The flexible guide is secured to the template material using the supplied fixing screws. In some instances where the fixing holes are hidden, or not seen on a one off, the flexible guide can be fitted directly to the component. Ensure the fixing screws are sub-flush.
- Mark a line on the template or directly on the under-side of a work-piece if the screw holes will be hidden. If possible, make template over-length to allow bearing guided router to lead in easily.
- If the work-piece is natural timber, it is always best to make a template first, since this allows the work-piece to be routed with the grain if a suitable bearing guided cutter is used.
- To avoid accidentally cutting into the flexible guide, it is normally safer to cut off the waste material from the template, before screwing in place.

Cutting off the Excess Material

- Excess material should be rough trimmed leaving a maximum of 3mm for the router to trim off. The excess can be rough-cut on a bandsaw, jigsaw or fretsaw if access allows.

PTO

ENVIRONMENTAL PROTECTION

Recycle raw materials instead of disposing as waste.

Packaging should be sorted for environmental-friendly recycling. The product and its accessories at the end of its life should be sorted for environmental-friendly recycling.

GUARANTEE

All Trend products are guaranteed against any defects in either workmanship or material, except products that have been damaged due to improper use or maintenance.

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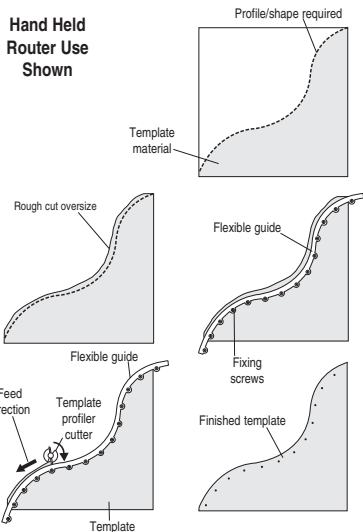


RECYCLABLE

Fixing the Flexible Guide in Place

- Starting at one end, hold flexible guide in place whilst screwing down in first hole position, following marked line. Pilot holes may be needed on some materials.

Hand Held Router Use Shown



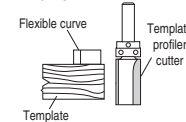
To prevent damage only use 2.5mm diameter fixing screws with the flexible guide.

Ensure screw heads do not foul router path.

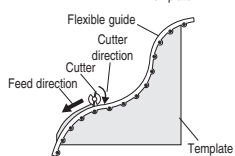
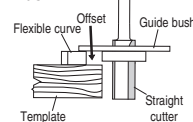
Hand Held Router Use

- A hand router can be used with a shank mounted bearing guided profiler cutter fitted, or a template guide bush and straight router cutter fitted. The router cutter used must have sufficient cut length to suit material.
- If a guide bush is used, there will be an offset between the cutter diameter and the guide bush diameter, which will need to be allowed for.

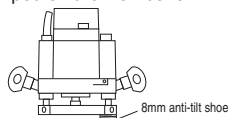
Template Profiler



Guide Bush



- An 8mm thick timber based material spacer shoe should be made and fitted to the underside of the router, this will act as an anti-tilt device. The spacer shoe should be about 75mm long x 30mm wide. Alternatively a waste board of 8mm thick of suitable size can be clamped on the workbench.



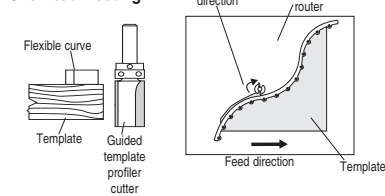
Fixed Head Routing Use

- When fixed head routing there are two methods that can be used, overhead or inverted. The flexible curve guide should be mounted on top of the template.

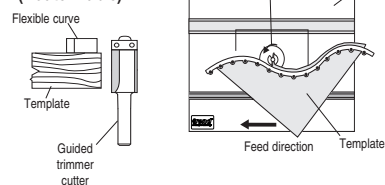
- For an overhead machine, a shank-mounted template profiler should be used, e.g Ref. 46/902. For an inverted machine (router table) a bearing guided trimmer with bearing on the nose should be used, e.g Ref. T46/0.

- Depending on which method is used ensure the feed direction is correct and a lead on pin is used. Please refer to router table/stand manufacturers instruction manual.

Overhead Routing



Inverted Routing (Router Table)



Removing Flexible Guide

- After the template has been machined, check that the edge is flush and has been fully trimmed. Remove flexible guide by unscrewing the fixing screws.



Ensure component is placed at a comfortable working height.



The material being cut, along with the template/jig will need to be supported and clamped securely.



Ensure that the router base will not foul the clamps.

- After use, store product safely.

Work-piece Routing

- Once the flexible guide has been removed, the template can then be used with the work-piece to create the finished shape. The component should be rough trimmed first before routing leaving a maximum overhang of 3mm. The excess can be rough-cut on a bandsaw, jigsaw or fretsaw if access allows.

- The template can be secured to the component with screws if this is feasible, or by hot melt glue, or clamped if part of a work holding device, or using double sided tape.

- For natural timber, a double bearing guided profiler cutter with bearing mounted on the shank and the nose of the tool, such as Trend ref. 46/501 is recommended.

- By turning the material over and adjusting the bearing height accordingly, the work-piece can be routed with the grain at the appropriate sections.



Regularly check knobs, handles and locking nuts are tight.



Consider working environment before using tools. Keep proper footing and balance at all times.

MAINTENANCE

Please use only Trend original spare parts and accessories.

The accessory has been designed to operate over a long period of time with minimum of maintenance. Continual satisfactory operation depends upon proper tool care and regular cleaning.

Cleaning

- Regularly clean with a soft cloth.

Lubrication

- Your accessory requires no additional lubrication.

Storage

- Always return product to its packaging after use.

Safety Points

- 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.
- Read and understand instructions supplied with power tool, attachment and cutter.
- Current Personal Protective Equipment (PPE) for eye, ear and respiratory protection must be worn. Keep hands, hair and clothes clear of the cutter.
- Before each use check cutter is sharp and free from damage. Do not use if cutter is dull, broken or cracked or if any damage is noticeable or suspected.
- The maximum speed (nmax) marked on tool or in instructions or on packaging shall not be exceeded. Where stated, the speed range should be adhered to.
- Insert the shank into the router collet at least all the way to the marked line indicated on the shank. This ensures at least 3/4 of shank length is held in collet. Ensure clamping surfaces are clean.
- Check all fixing and fastening nuts, bolts and screws on power tool, attachment and cutting tools are correctly assembled, tight and to correct torque setting before use.
- Ensure all visors, guards and dust extraction is fitted.
- The direction of routing must always be opposite to the cutter's direction of rotation.
- Do not switch power tool on with the cutter touching the workpiece.
- Trial cuts should be made in waste material before starting any project.
- Repair of tools is only allowed according to tool manufacturers instructions.
- Do not take deep cuts in one pass, take shallow passes to reduce the side load applied to the cutter.

Please see www.trend-uk.com/safety for more safety advice.



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