

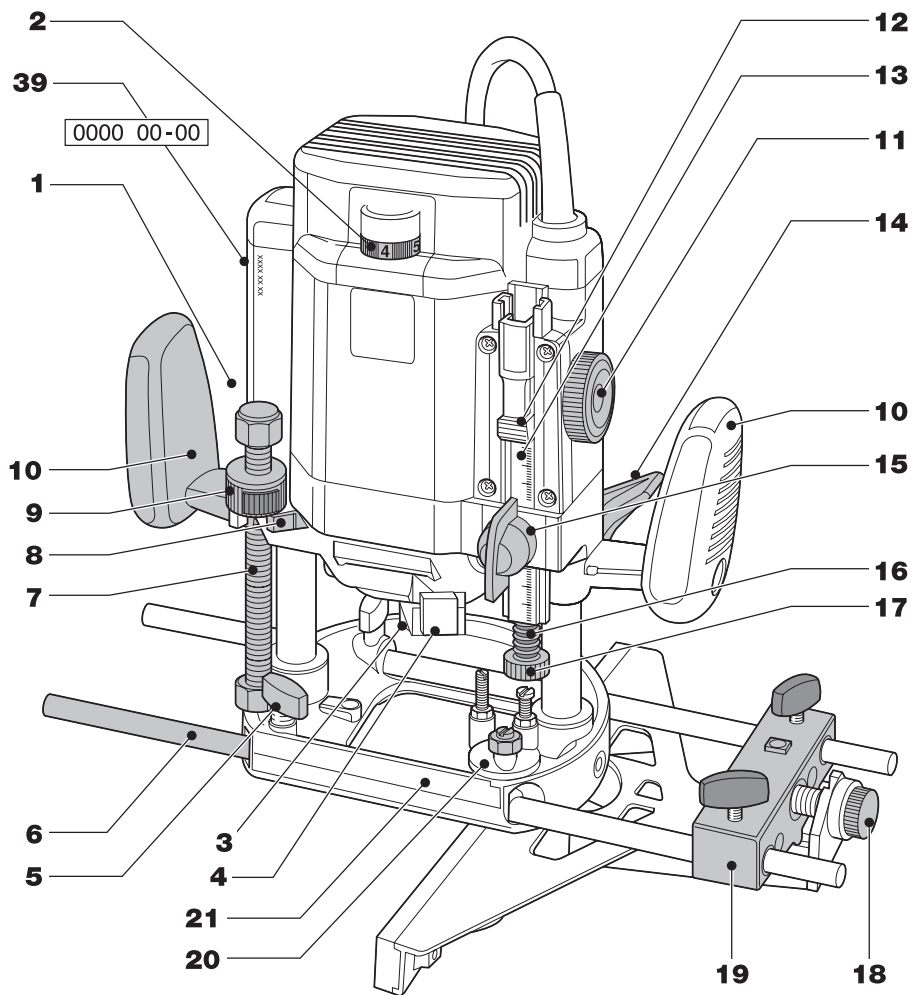


# T10 & T11

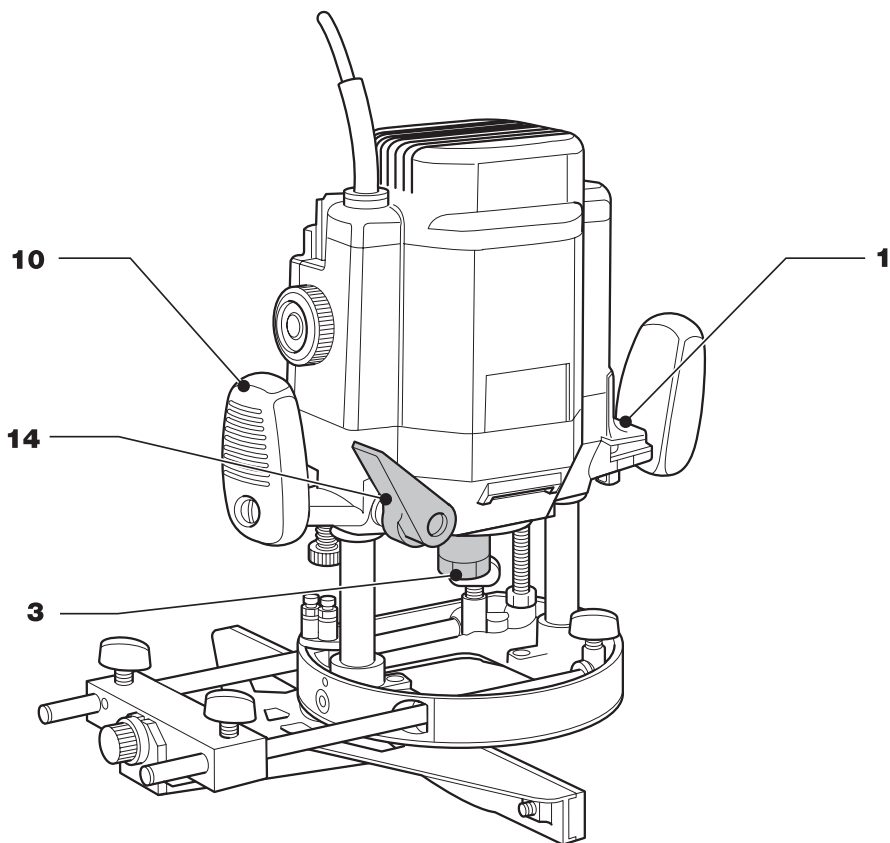
<b>EN</b> Original Instructions	P.9
<b>DE</b> Übersetzung Der Originalanleitung	P.17
<b>FR</b> Traduction Des Instructions Originales	P.26
<b>NL</b> Vertaling Van De Originele Instructies	P.35
<b>SE</b> Översättning Av De Ursprungliga Instruktionerna	P.44



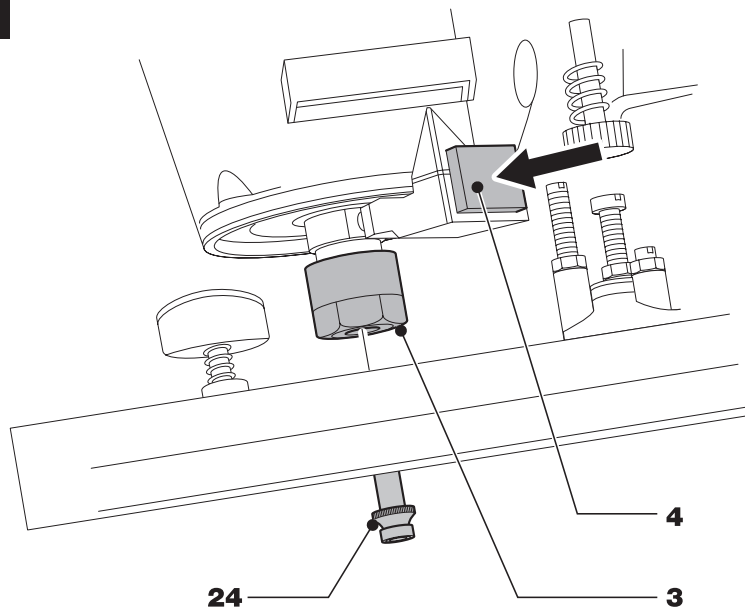
**Fig. A**



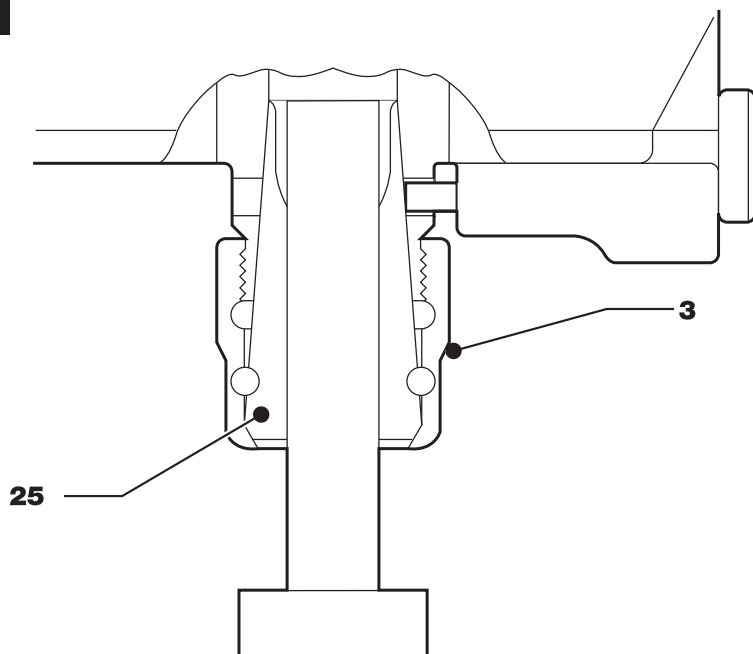
**Fig. B**



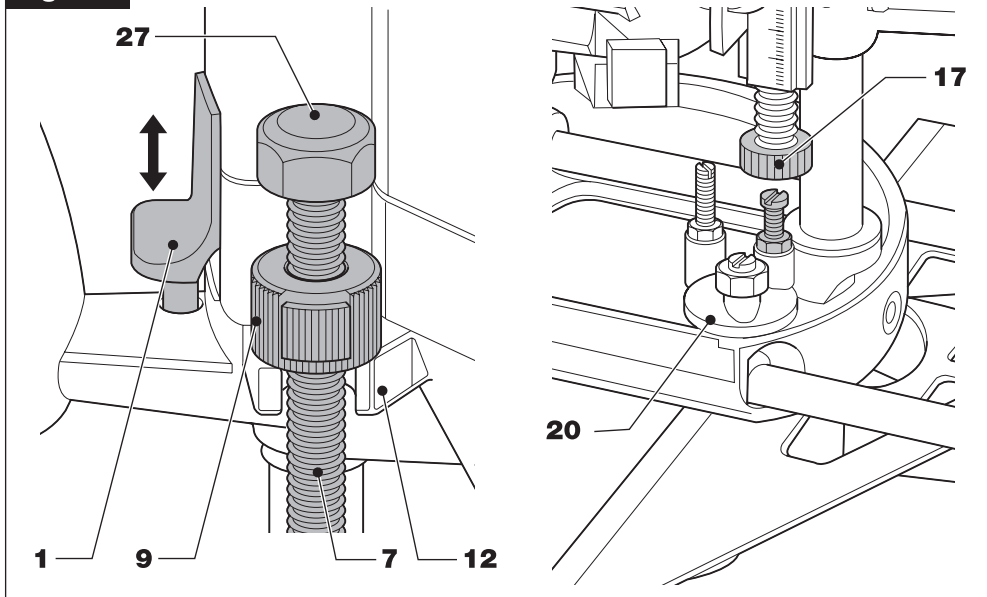
**Fig. C**



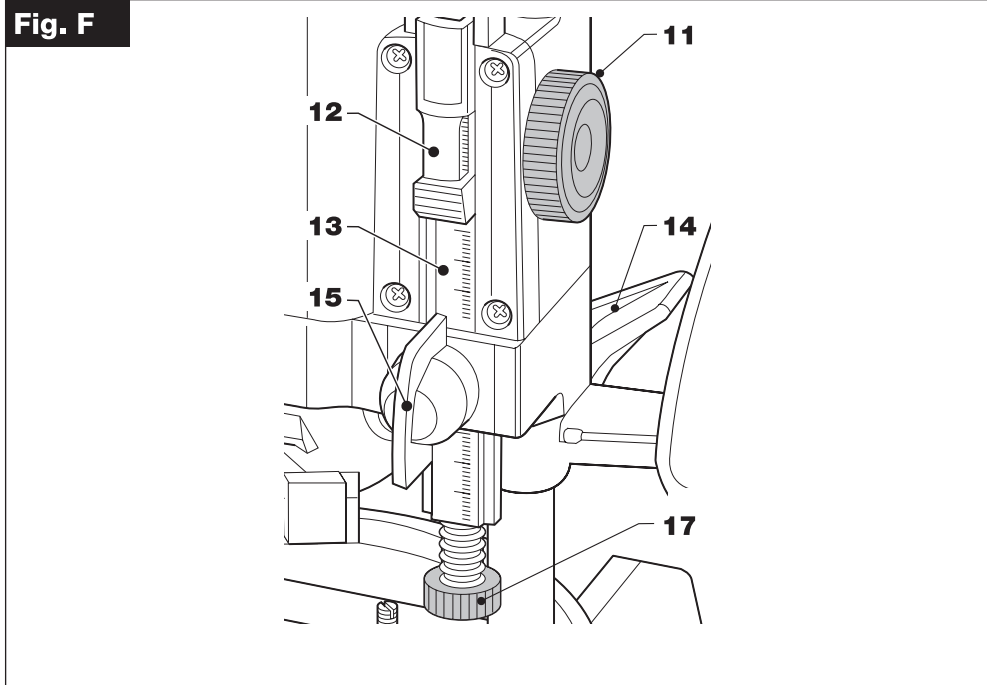
**Fig. D**



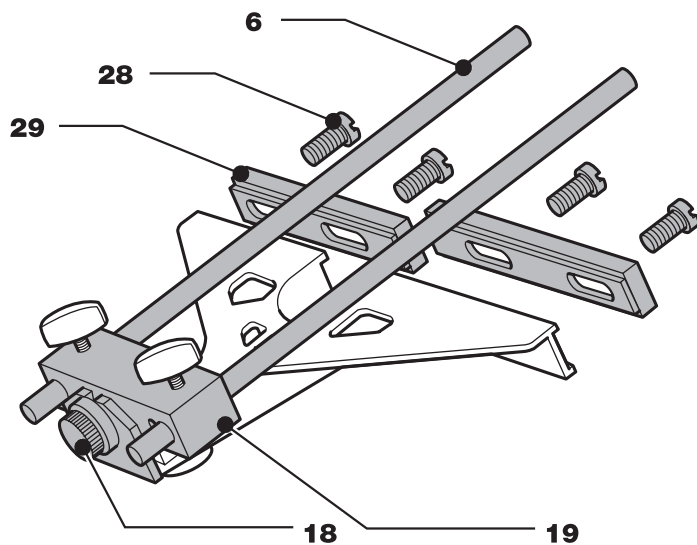
**Fig. E**



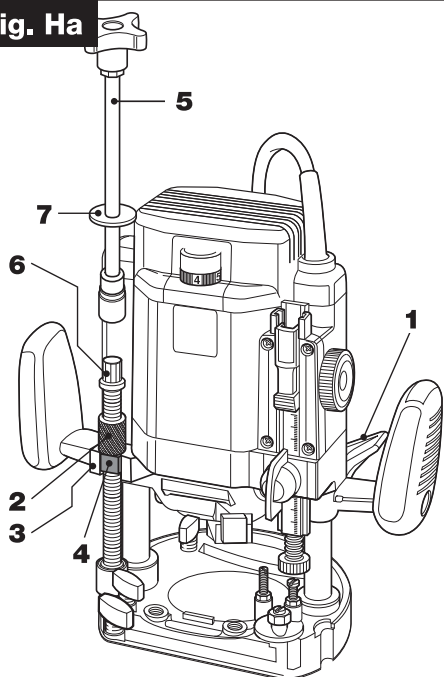
**Fig. F**



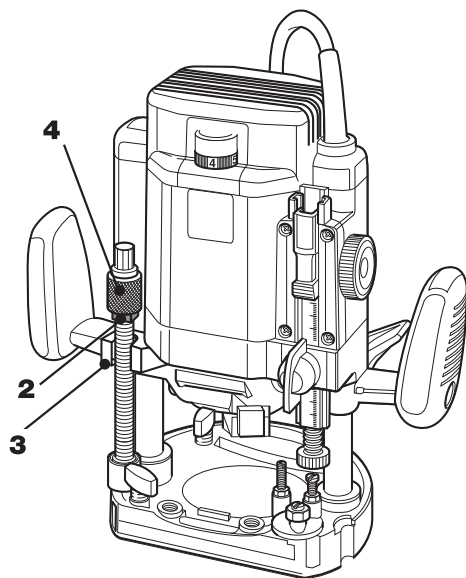
**Fig. G**



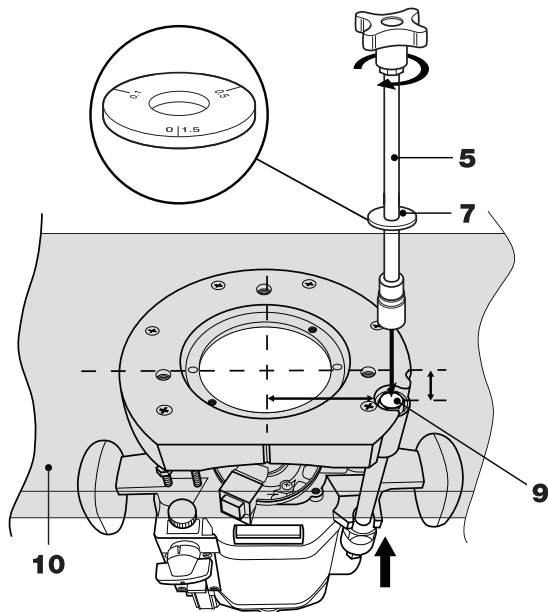
**Fig. Ha**



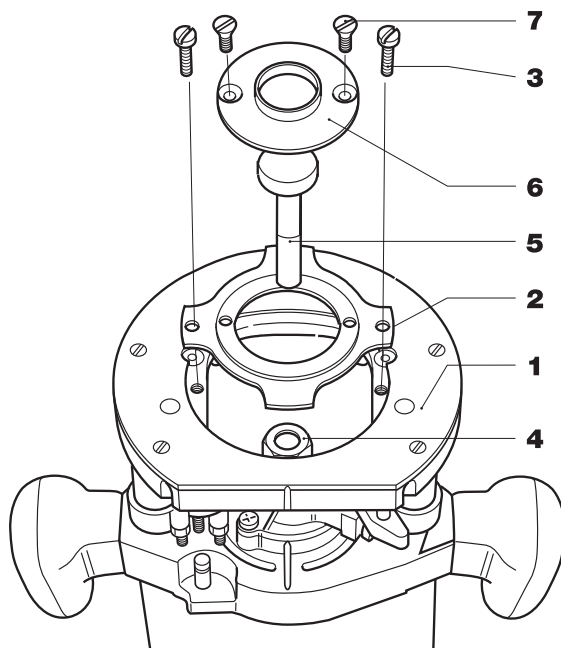
**Fig. Hb**



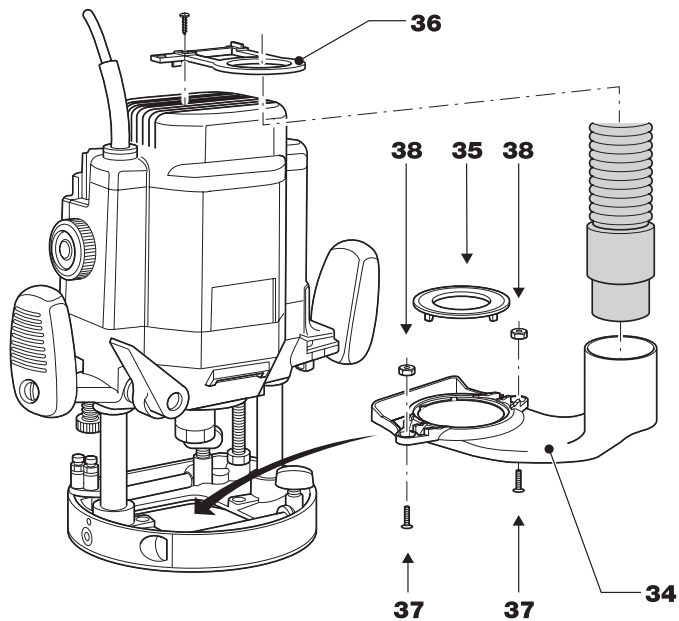
**Fig. Hc**



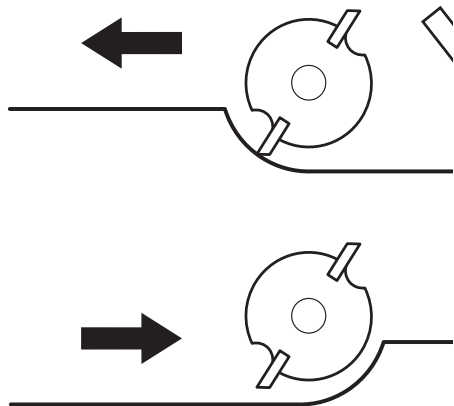
**Fig. I**



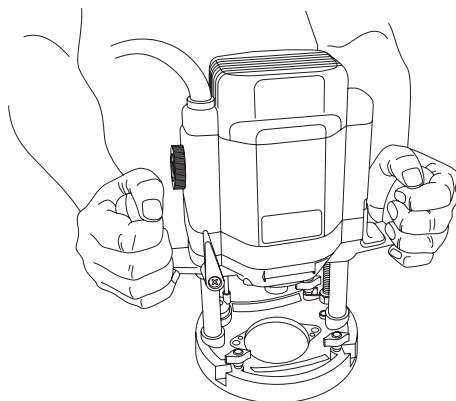
**Fig. J**



**Fig. K**



**Fig. L**





## EN – T10 & T11

You have chosen a Trend tool. Years of experience, thorough product development and innovation make Trend one of the most reliable partners for professional power tool users.

### TECHNICAL DATA

		T10	T11
Voltage - UK & Eire	V <sub>AC</sub> V <sub>AC</sub>	230 230/115	230 230/115
Type		7	7
Power input	W	2000	2000
Power output	W	1100	1100
No-load speed	min <sup>-1</sup>	8000-20000	8000-20000
Router carriage		2 columns	2 columns
Router carriage stroke	mm	62	62
Revolver depth stop		3-step, with graduation and fine adjustment	3-step, with graduation and fine adjustment
Collet size	inch	1/2	1/2
Cutter diameter, max.	mm	50	70
Weight	kg	5.2	5.2
Noise values and vibration values (tri-ax vector sum) according to EN60745-2-17:			
L <sub>PA</sub> (emission sound pressure level)	dB(A)	92	92
L <sub>WA</sub> (sound power level)	dB(A)	100	100
K (uncertainty for the given sound level)	dB(A)	3.4	3.4
Vibration emission value a <sub>h</sub> = Uncertainty K =	m/s <sup>2</sup> m/s <sup>2</sup>	3.1 1.5	3.1 1.5

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.



The declared vibration emission level represents the main applications of the tool. However if the tool is used

for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job.

This may significantly reduce the exposure level over the total working period. Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

### EC DECLARATION OF CONFORMITY

#### MACHINERY DIRECTIVE



#### ROUTER

#### T10 & T11

Trend declares that the product described under Technical Data are in compliance with 2006/42/EC, EN60745-1:2009+A11:2010, EN60745-2-17: 2010.

These products also comply with Directive 2014/30/EU and 2011/65/EU. For more information, please contact Trend at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of Trend Machinery & Cutting Tools Ltd.

Technical Director  
Neil McMillan

Trend Machinery & Cutting Tools Ltd  
Unit 6 Odhams Trading Estate  
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Herts, WD24 7TR  
United Kingdom  
01.01.2019



#### WARNING:

To reduce the risk of injury, read the instruction manual.

**Definitions: Safety Guidelines**

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.



**DANGER:**

Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.



**WARNING:**

Indicates a potential hazardous situation which, if not avoided, **could** result in **death or serious injury**.



**CAUTION:**

Indicates a potentially hazardous situation which, if not avoided, may result in **minor or moderate** injury.

**NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.



Denotes risk of electric shock.



Denotes risk of fire.

**General Power Tool Safety Warnings**



**WARNING:**

Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

**SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE**

The term “power tool” in the warnings refers to your mainsoperated (corded) power tool or battery-operated (cordless) power tool.

**Work area safety**

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

**Electrical safety**

- a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with

earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

- b) Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

- f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

**Personal safety**

- a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

- b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

- c) Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

- d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

- f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

**Power tool use and care**

- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc., in accordance with these instructions taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

**Service**

- a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

**Additional Specific Safety Rules for Cutters**

- Hold power tool by insulated gripping surfaces, because the cutter may contact its own cord. Cutting a "live" wire may make exposed metal parts of the power tool "live" and shock the operator.
- Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.
- For personal protection, ALWAYS wear a dust mask.
- Always use cutters with a shank diameter corresponding to the size of the collet installed in your tool.
- Always use cutters suitable for a speed of 30000 min<sup>-1</sup> and marked accordingly.
- Never use cutters with a diameter exceeding the maximum diameter indicated in the Technical Data.

This router is designed to accept professional cutters of straight, profile, rabbet, and grooved type with rated minimum speed of 30000 min<sup>-1</sup>

**WARNING:**

**Always consider the following compulsive conditions:**

- Use 12mm shank diameter for straight, rebate, groove and profile cutter.
- Maximum cutter diameter:

T10/T11      50mm at 35mm cutting depth

T10/T11      Groove Cutter:  
50mm at 6mm cutting depth

**WARNING:**

**We recommend the use of a residual current device with a residual current rating of 30mA or less.**

**RESIDUAL RISKS**

In spite of the application of the relevant safety regulations and implementation of safety devices, certain residual risks cannot be avoided. These are:-

- Impairment of hearing.
- Risk of personal injury due to flying particles.
- Risk of burns due to accessories becoming hot during operation.
- Risk of personal injury due to prolonged use.

**Electrical Safety**

The electric motor has been designed for one voltage only. Always check that the power supply corresponds to the voltage on the rating plate.



Your Trend tool is double insulated in accordance with EN 60745; therefore no earth wire is required.

**WARNING:**

115 V units have to be operated via a fail-safe isolating transformer with an earth screen between the primary and secondary winding.

If the supply cord is damaged, it must be replaced by a specially prepared cord available through the Trend service organisation.

## Mains Plug Replacement (UK & Ireland only)

If a new mains plug needs to be fitted:

- Safely dispose of the old plug.
- Connect the brown lead to the live terminal in the plug.
- Connect the blue lead to the neutral terminal.



### WARNING:

**No connection is to be made to the earth terminal.**

Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 13 A.

### Using an Extension Cable

If an extension cable is required, use an approved 3-core extension cable suitable for the power input of this tool (see **Technical Data**). The minimum conductor size is 1.5 mm<sup>2</sup>; the maximum length is 30 m.

When using a cable reel, always unwind the cable completely.

## ITEMS ENCLOSED

- 1 x Router
- 1 x Parallel fence with fine adjustment and guide rods
- 1 x Spanner #22
- 1 x Dust extraction adapter
- 1 x Guide bush
- 1 x Instruction manual

### FOR T11 ONLY

- 1 x Knurled nut
- 1 x Threaded spindle hex cap nut
- 1 x Inner plate
- 1 x Inner plate fixing screw
- 1 x Fine height adjuster handle
- 1 x Template guide bush line up pin
- 1 x Fine height adjuster handle dial

- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.

## MARKINGS ON TOOL

The following pictures are shown on the tool.



Read instruction manual before use.

### Date Code Position - (Fig.A)

The date code (**39**), which also includes the year of manufacture, is printed into the housing.

Example:

2018 XX XX

Year of Manufacture

## DESCRIPTION OF PARTS - (Fig.A & B)



### WARNING:

Never modify the power tool or any part of it. Damage or personal injury could result.

1. On/off-switch
2. Speed control dial
3. Collet nut
4. Spindle lock
5. Parallel fence locking bolt
6. Guide rods for parallel fence
7. Threaded spindle
8. Stop
9. Knurled nut
10. Grips
11. Handwheel
12. Measuring lens
13. Scale
14. Plunge lock
15. Clamping screw
16. Depth stop
17. Fine adjuster for depth stop
18. Fine adjuster for parallel fence
19. Parallel fence
20. Revolver depth stop
21. Router base

## INTENDED USE

Your Trend high performance router has been designed for professional heavy duty routing of wood, wood products and plastics, applications.

**DO NOT** use under wet conditions or in the presence of flammable liquids or gases. These routers are professional power tools.

**DO NOT** let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

- **Young children and the infirm.** This appliance is not intended for use by young children or infirm persons without supervision.
- This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

## ASSEMBLY AND ADJUSTMENTS



### WARNING:

**To reduce the risk of serious personal injury, turn tool off and disconnect tool from power source before making any adjustments or removing/installing attachments or accessories.**

Be sure the trigger switch is in the OFF position. An accidental start-up can cause injury.

### Inserting and Removing a Cutter - (Fig.C)

- Press and hold down the spindle lock (4).
- Using the 22mm wrench, loosen the collet nut (3) enough to insert the cutter (24).
- Tighten the collet nut and release the spindle lock.



### WARNING:

Never tighten the collet nut without a cutter in the collet.

### Replacing the Collet - (Fig.D)

Your router is supplied with a 1/2" collet fitted to the tool. Other precision collets are also available to suit the cutter used.

- Separate the collet (25) from the collet nut (3) by pulling it firmly.
- Click the new collet in place.

### Setting the Electronic Speed Control Dial - (Fig.A)

The speed is infinitely variable from 8000 to 20000 min<sup>-1</sup> using the electronic speed control dial (2) for uniform cutting results in all types of wood and plastics.

Turn the electronic speed control dial to the required level. The correct setting, however, is a matter of experience.

- 1 = 8000 min<sup>-1</sup>
- 2 = 12000 min<sup>-1</sup>
- 3 = 16000 min<sup>-1</sup>
- 4 = 18000 min<sup>-1</sup>
- 5 = 20000 min<sup>-1</sup>

### Adjusting the Depth of Cut - (Fig.E)

Your router is equipped with a high precision depth adjustment system including a revolver depth stop (20), a measuring lens (12) and fine adjuster (17).

### Quick Adjustment - (Fig.A & F)

- Loosen the plunge lock (14) by pulling it up.
- Lower the router carriage until the cutter is in contact with the workpiece.
- Tighten the plunge lock (14) by pushing it down.
- For optimum ease of operation, the carriage return can be adapted to the required depth of cut by rotating or sliding the knurled nut (9) .
- Loosen the clamping screw (15).
- Rotate the handwheel (11) until the fine adjuster (17) touches the revolver depth stop (20).
- Set the measuring lens to a round figure (e.g. 0).
- Adjust the depth of cut using the handwheel (11) and the measuring lens (12). The distance between the top of the revolver depth stop and the bottom of the fine adjuster is the adjusted depth of cut.
- Tighten the clamping screw (15).

### Triple Depth Adjustment Using the Revolver Depth Stop - (Fig.E)

The revolver depth stop (20) can be used to set three different depths. This is particularly useful for deep cuts, performed in steps.

- Place a depth template between the fine adjuster (17) and the revolver depth stop (20) to adjust the exact cutting depth.
- If required, set all three screws.



### WARNING:

Make shallow cuts only!

### Fine Adjustments - (Fig.F)

When not using a depth template, or if the depth of cut needs readjustment, it is recommended to use the fine adjuster (17).

- Adjust the depth of cut using the fine adjuster (17).
- Read the depth of cut using the measuring lens (12) and scale (13).
- Adapt the depth of cut to the millimeter using the handwheel (11).

### Depth Adjustment with the Router Installed in Inverted Position - (Fig.E)

- Remove the cap nut (27) and the knurled knob (9) and replace it with the height adjusting tool available as an option.
- Screw the threaded end of the height adjusting tool to the threaded spindle (7).
- Set the depth of cut using the adjuster on the height adjusting tool



**WARNING:**

For installing the router in inverted position, refer to the relevant instruction manual on the stationary tool.

**Fitting the Parallel Fence**

**- (Fig.A & G)**

- Fit the guide rod (6) to the router base (21).
- Slide the parallel fence (19) over the rods.
- Tighten the locking bolts (5) temporarily.

**Adjusting the Parallel Fence**

**- (Fig.A & G)**

- Draw a cutting line on the material.
- Lower the router carriage until the cutter is in contact with the workpiece.
- Tighten the plunge lock (14) and limit the carriage return using the knurled nut (9).
- Position the router on the cutting line.
- Slide the parallel fence (19) against the workpiece and tighten the locking bolts (5).
- Adjust the parallel fence using the fine adjuster (18). The outer cutting edge of the cutter must coincide with the cutting line.
- If required, loosen the screws (28) and adjust the strips (29) to obtain the desired guiding length.

**Fitting Template Guide Bush and Inner Plate - (Fig.I)**

The routers have a unique built-in line up system for the template guide bush. This system ensures that the guide bush is exactly concentric to the router cutter to ensure accurate work.

- Turn the router upside down.
- Fit inner plate (2) into the recess in the router base plate (1). For T10 the bushes on the inner plate must be towards the router motor. For T11 the raised side of the inner plate must be away from router base. Loosely fit the two pan head machine screws (3) through the inner plate and into the tapped holes. **DO NOT TIGHTEN SCREWS.**
- Fit the 30mm template guide bush (6) to the inner plate (2). Fit guide bush with the two M5 countersink machine screws (7). Tighten these screws.
- The line up pin (5) is stepped for 12mm and 1/2" collet (4) sizes. (For the 1/2" collet simply push the line up pin further down into the 1/2" collet).
- Fit line up pin (5) into the 1/2" collet (8) (or 12mm depending on the size fitted) in the router, lightly tighten collet nut to hold the line up pin (5).

- Release plunge lever and gently depress base until line up pin (5) projects through the 30mm guide bush (6).
- Once in line, tighten the pan head machine screws (3) with a flat screwdriver.



**Connecting a Dust Extractor**

**- (Fig.A & J)**

The dust extraction adaptor consists of a main section (34), a cover (35), a hose guide (36), two screws (37) and two nuts (38).

- Slide the cover (35) onto the main section (34) and let it click into place.
- Connect a dust extractor hose to the dust extraction adaptor.
- Loosen the screw in the top of the router and fit the hose guide (36) as shown.

**Fitting the T11 Fine Height Adjuster - (Fig.Ha)**

The fine height adjuster (Quick Raiser) for the T11 can be used portably or when the router is held inverted in a table. If a suitable size access hole is drilled into the router table top, the height adjustment can also be adjusted from above the table top.

To set up for fine height adjustment:

- Plunge router and lock lever down (1).
- Rotate the knurled nut (2) down the stud until it is close to the router casting forks (3).
- Align the base of the knurled nut (4) so that it will locate in the forks (3).
- Release plunge locking lever (1).



**CAUTION:**

Do not use a powered drill to drive the T11 Quick Raiser assembly. Only use the supplied handle. Ensure that the plunge locking lever is unlocked. Never use unnecessary force to rotate the Quick Raiser mechanism. Do not undo Torx® screw on hex nuts.

**Using the T11 Without Fine Height Adjuster - (Fig.Hb)**

In portable use the knurled nut (2) should be wound to the top of the stud and hand tightened against the hex cap. The base of the knurled nut (4) should be aligned with the forks (3) in the router casing.



**CAUTION:**

In normal plunge mode, ensure the base of the knurled nut is aligned correctly with the forks of the lower motor housing. This will enable the cutter to retract into the base safely.

**For Portable Use**

- Place the fine height adjuster handle (5) onto the top threaded spindle hex nut (6).
- Rotate handle clockwise to raise motor body and reduce cutter depth.
- Rotate handle anti-clockwise to lower motor body and increase cutter depth.

**For Router Table Use - (Fig.Hc)**



- Ensure router is fitted into the router table (10), see opposite page.
- Place fine height adjuster handle (5) through router table cutter hole onto bottom threaded spindle hex nut (9).
- Rotate handle clockwise to raise motor body and raise cutter height.
- Rotate handle anti-clockwise to lower motor body and lower cutter height.

One revolution corresponds to 1.5mm. The height adjuster handle dial (7) can be reset to zero.

**Prior to Operation**

- Check that the cutter is correctly installed in the collet.
- Set the cutting depth.
- Connect a dust extractor.
- Make sure the plunge limiter is always locked before switching on.

**OPERATION**

**INSTRUCTIONS FOR USE**



**WARNING:**

Always observe the safety instructions and applicable regulations.



**WARNING:**

To reduce the risk of serious personal injury, turn tool off and disconnect tool from power source before making any adjustments or removing/installing attachments or accessories. Be sure the trigger switch is in the OFF position. An accidental start-up can cause injury.



**WARNING:**

Always move your router as indicated in **(Fig.K)** (outer edges/inner edges).

**Proper Hand Position - (Fig.A & L)**



**WARNING:**

To reduce the risk of serious personal injury, **ALWAYS** use proper hand position as shown.



**WARNING:**

To reduce the risk of serious personal injury, **ALWAYS** hold securely in anticipation of a sudden reaction.

Proper hand position requires one hand on the each grip (10), as shown.

**Switching On and Off - (Fig.A, B, & E)**

- On: pull the switch (1) up.
- Off: press the switch (1) down.



**WARNING:**

Loosen the plunge limiter and allow the router carriage to regain its rest position before switching off.

**Using the Guide Bushes - (Fig.I)**

- Secure the template to the workpiece using end clamps.
- Select and install an appropriate guide bush (6).
- Subtract the diameter of the cutter from the outside diameter of the guide bush and divide by 2. This is the difference between template and workpiece.



**WARNING:**

If the work piece is not thick enough, place it on a piece of waste wood.

**Guiding Off a Batten**

Where an edge guide cannot be used, it is also possible to guide the router along a batten clamped across the workpiece (with an overhang at both ends.)

**Freehand Routing**

Your router can also be used without any sort of guide, e.g. for signwriting or creative work.



**WARNING:**

Make shallow cuts only! Use cutters with a max. diameter of 6mm.

## Routing with Pilot Cutters - (Fig.C)

Where a parallel guide or guide bush are inappropriate, it is possible to use pilot cutters (24) for cutting shaped edges.

These include collets (6 – 12.7mm), a height adjusting tool and router table for use in inverted position, finger jointing tools for dovetail and finger jointing jigs, dovetail jointing templates, adjustable guide bush holder and guide bushes and guide rails in various lengths.

## MAINTENANCE

Your Trend power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.



### WARNING:

To reduce the risk of serious personal injury, turn tool off and disconnect tool from power source before making any adjustments or removing/installing attachments or accessories. Be sure the trigger switch is in the OFF position. An accidental start-up can cause injury.

## Lubrication

Your power tool requires no additional lubrication.

## Cleaning



### WARNING:

Blow dirt and dust out of the main housing with dry air as often as dirt is seen collecting in and around the air vents. Wear approved eye protection and approved dust mask when performing this procedure.



### WARNING:

Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

## Optional Accessories



### WARNING:

Since accessories, other than those offered by Trend, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only Trend recommended accessories should be used with this product.

Consult your dealer for further information on the appropriate accessories.

## Protecting the Environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste. Products and batteries contain materials that can be recovered or recycled reducing the demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at [www.trend-uk.com](http://www.trend-uk.com)