

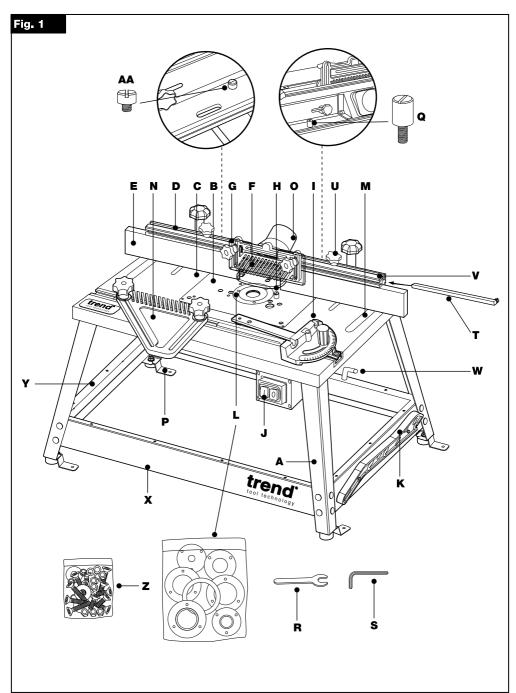


# CRT/MK3

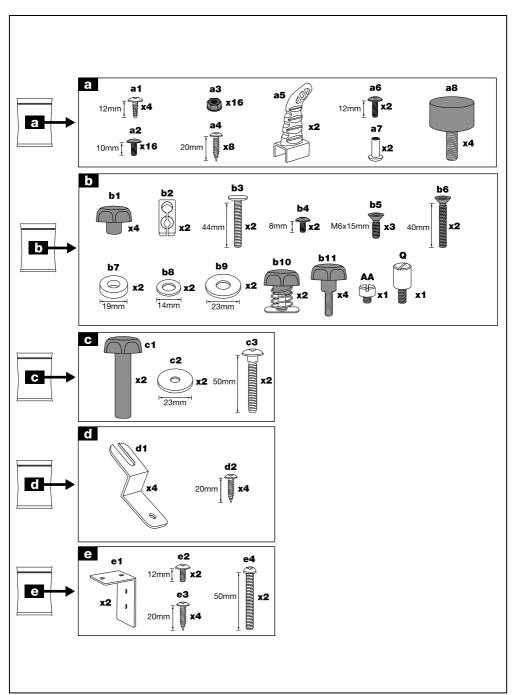
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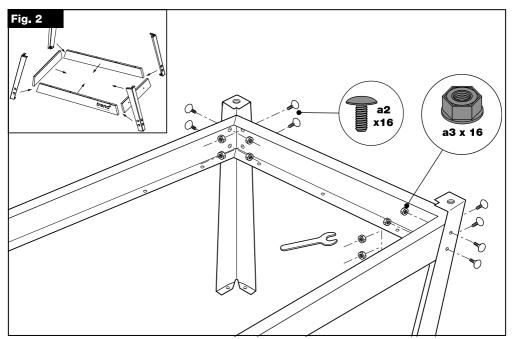


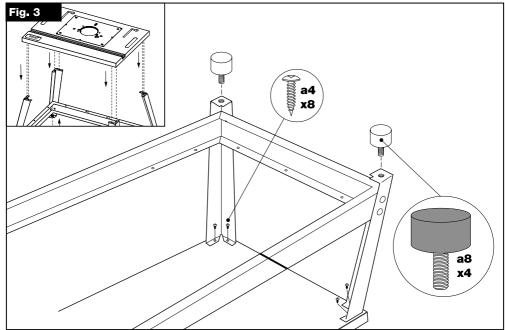


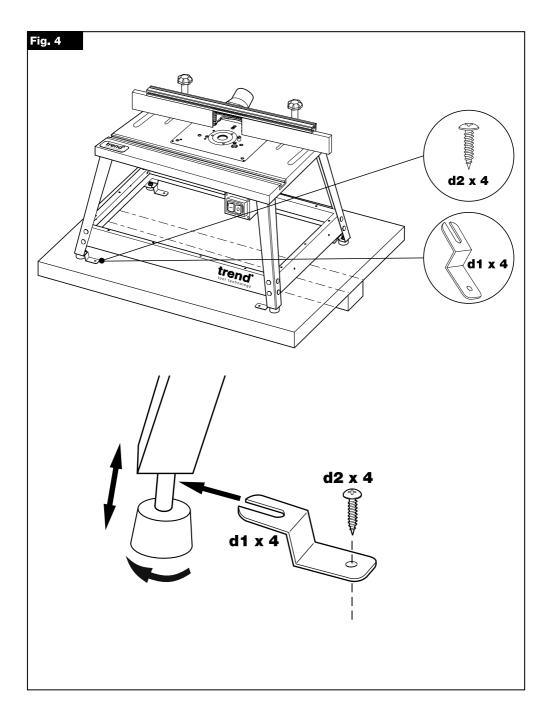




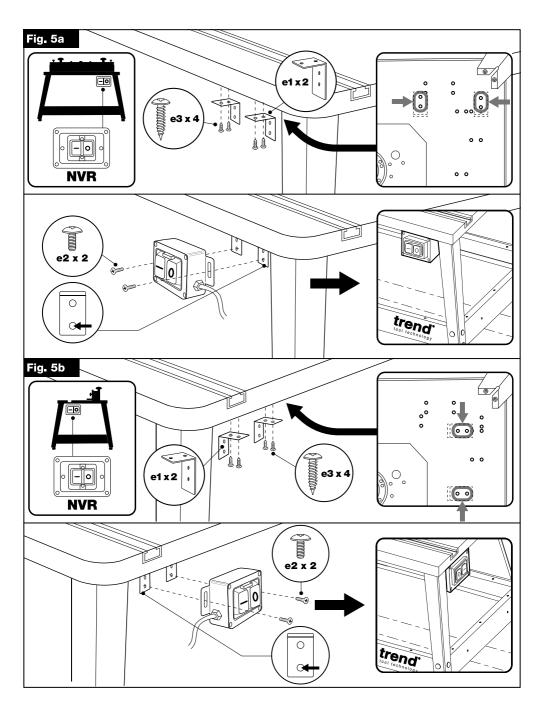




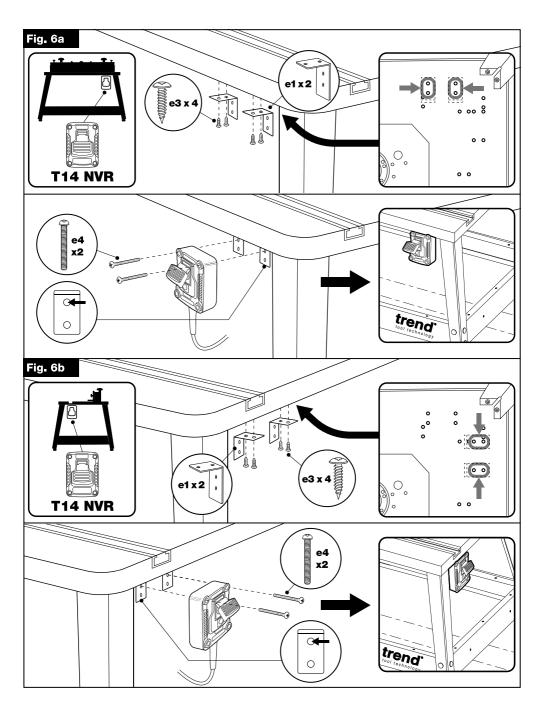




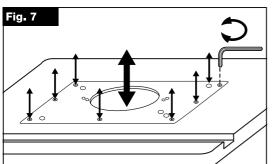


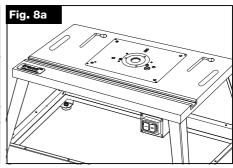


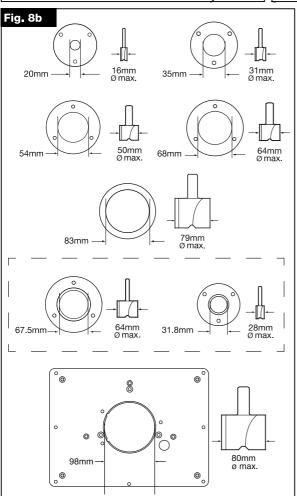


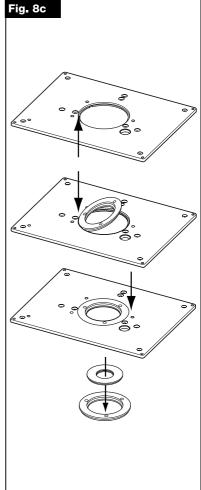




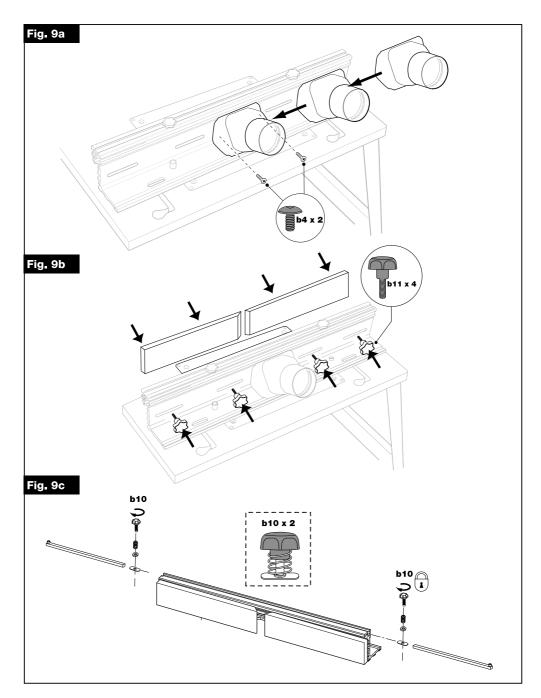




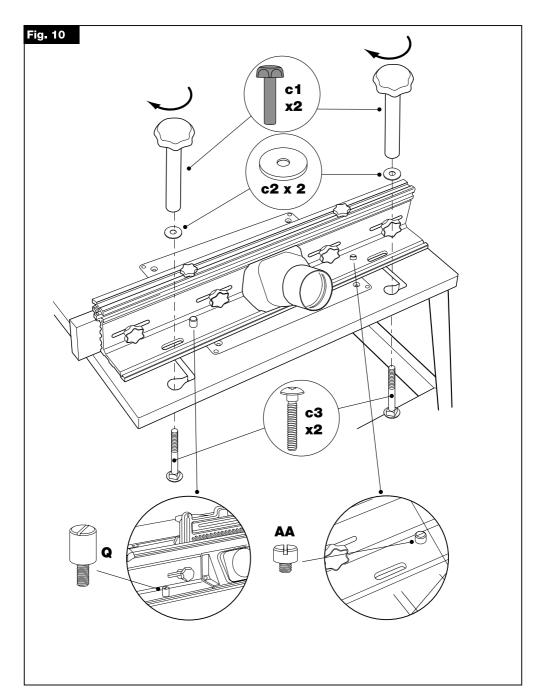




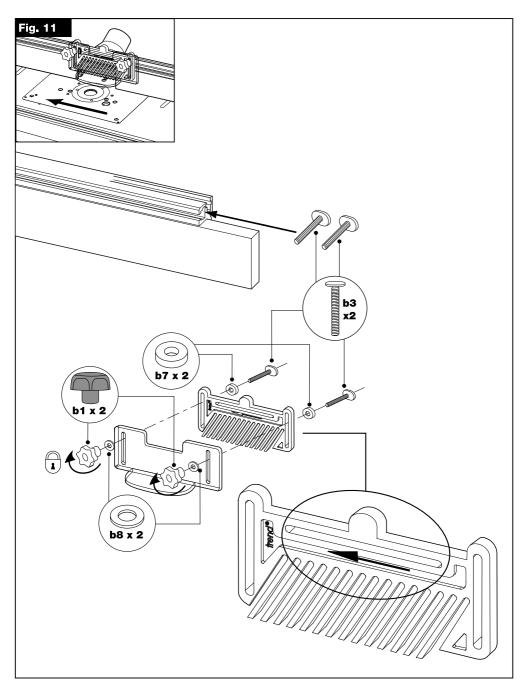




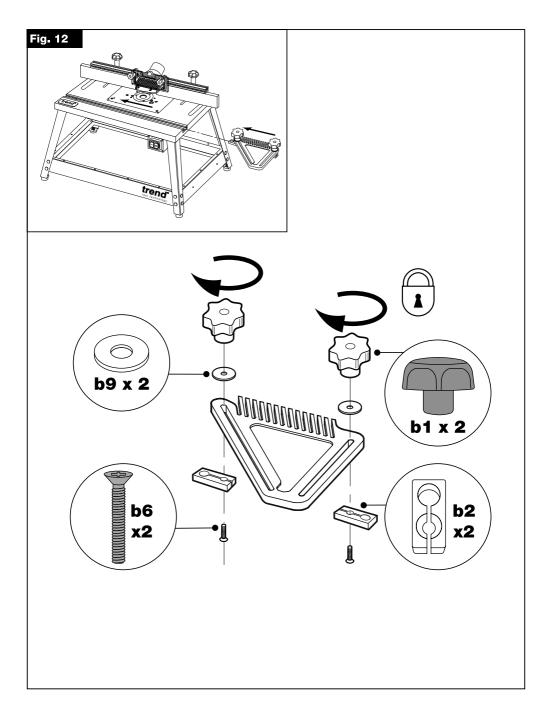




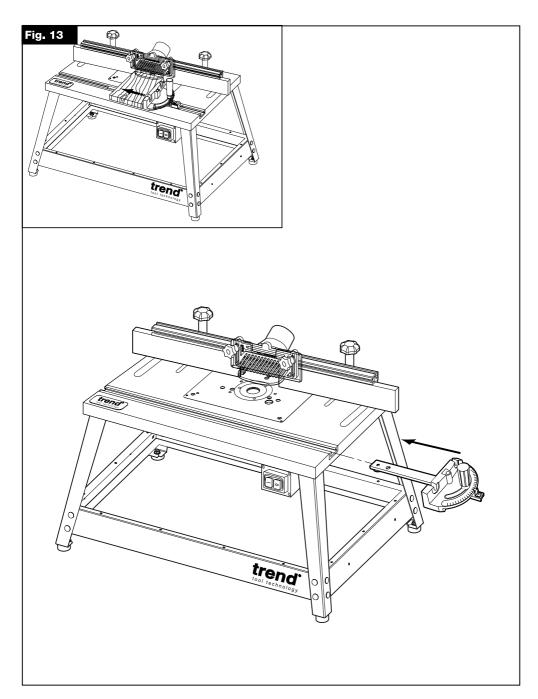




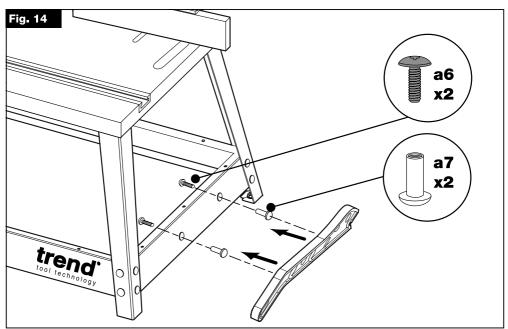


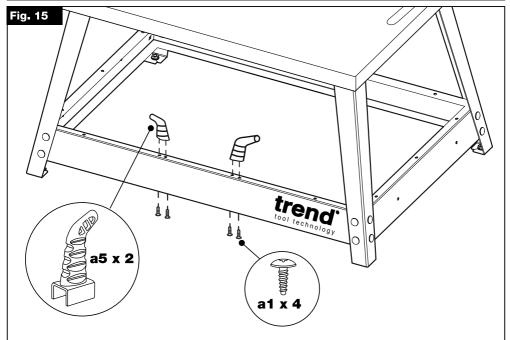




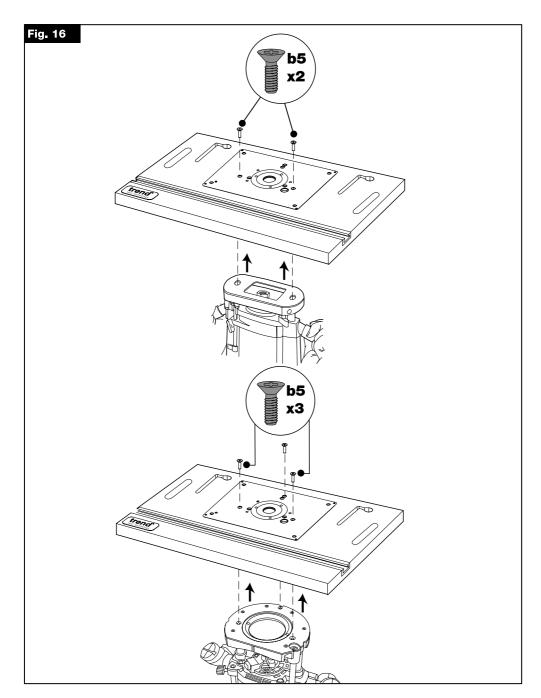


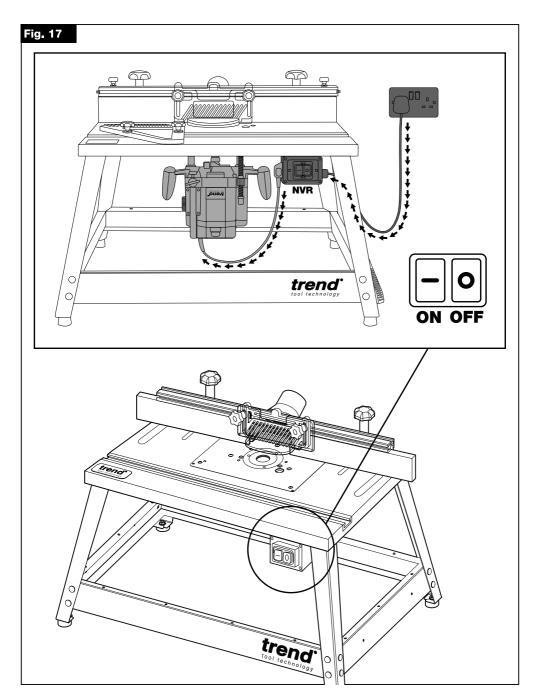




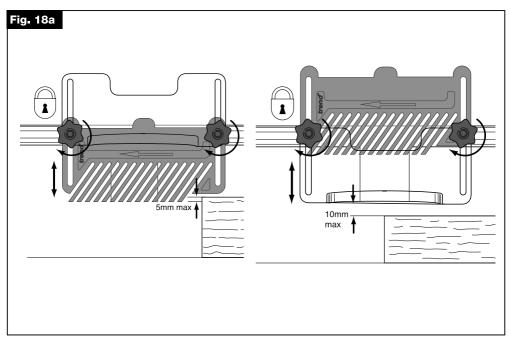


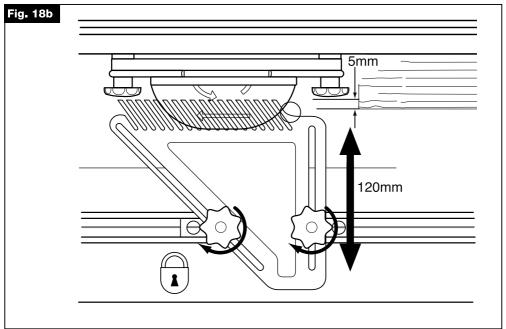




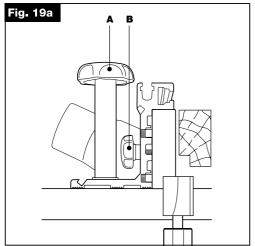


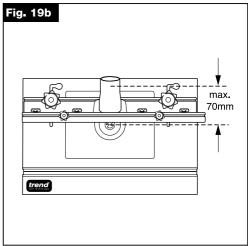


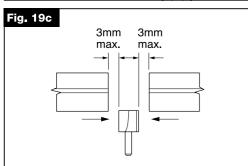


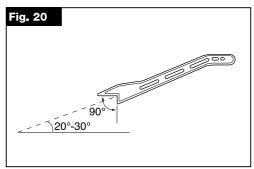


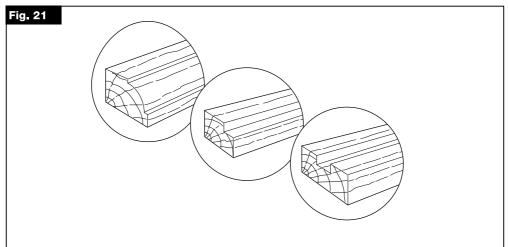




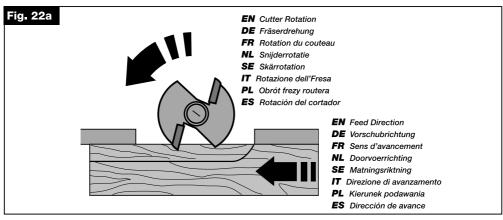


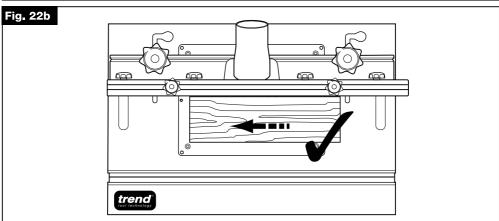


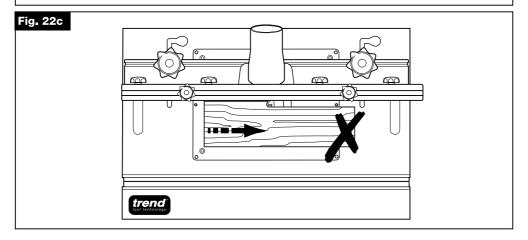




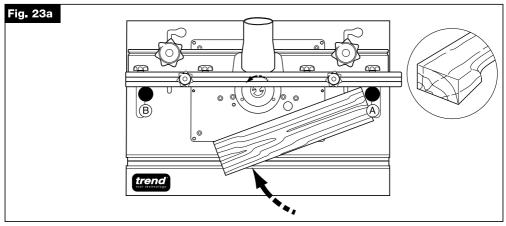


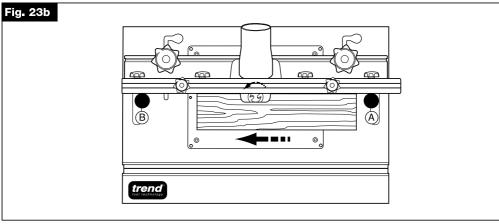


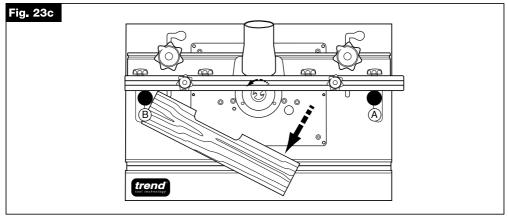


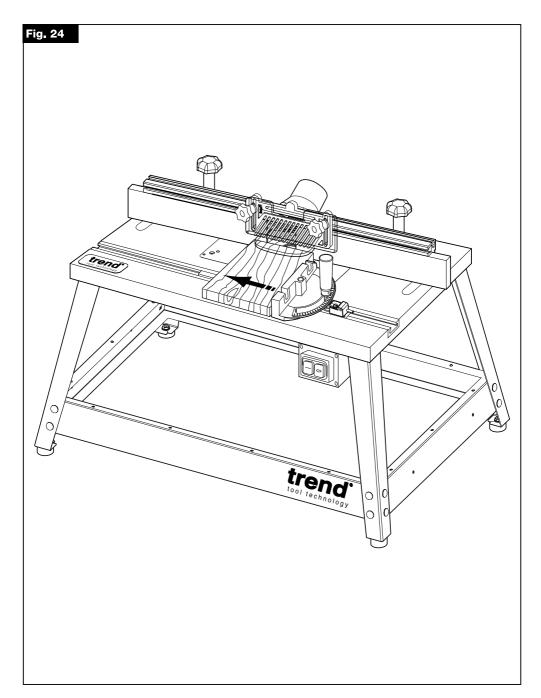




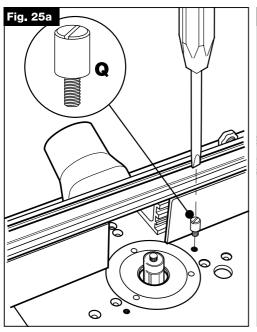


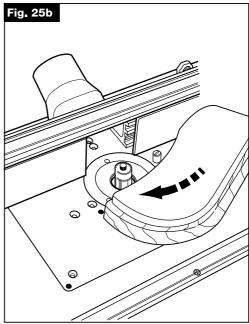


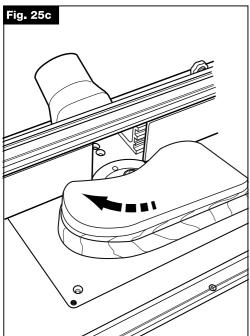


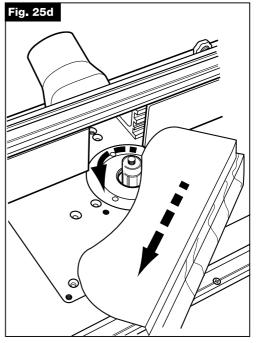




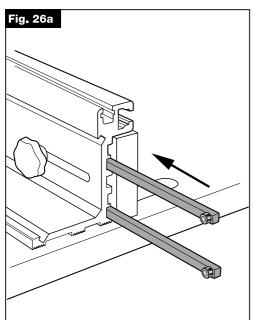


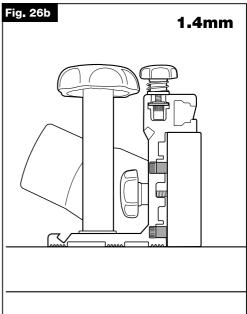


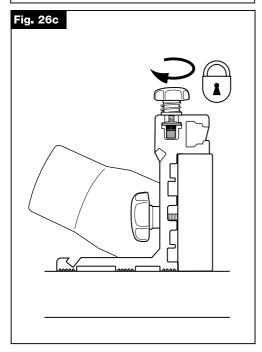


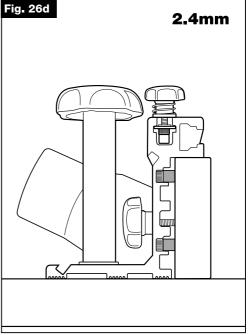




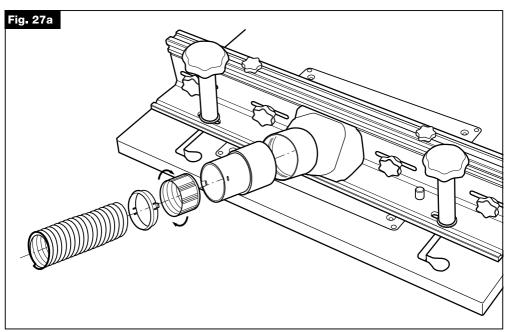


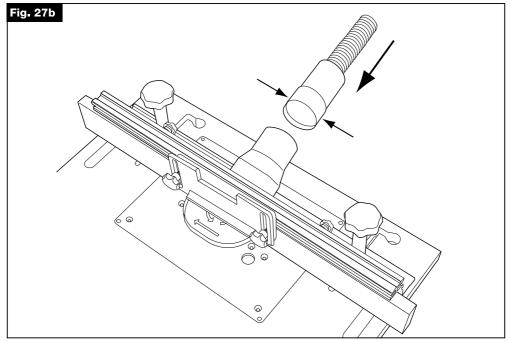














#### EN - CRT/MK3

Dear Customer.

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



**CAUTION:** Read the instructions before using the machine

#### **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.

The following symbols are used throughout this manual:

**WARNING:** Indicates a potentially 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.

#### Additional Symbols Used







Wear Personal Protective Equipment (PPE). Ear, eye and respiratory protection must be worn.

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



Refer to the instruction manual of your power

#### ROUTER TABLE CRT/MK3

#### **TECHNICAL DATA**

Voltage	UK & Eire Europe	V AC V AC	240/110 230
On/Off switch			No-volt release
Dimensions	Width x depth	mm	610 x 405
Table height		mm	410
Cutter diameter max. Cutter height max.		mm mm	80 50
Loss of cutting depth due to table thickness		mm	6.35
Workpiece height max.		mm	60
Workpiece length max.*		mm	590
Weight		kg	13.6

<sup>\*</sup> Unless a workpiece support is used.

Fuses					
UK & Eire	240V tools	13 Amperes, in plug			
UK & Eire	110V tools	16 Amperes, main			
Europe	230V tools	16 Amperes, main			

#### INTENDED USE

The unit is intended for stationary operation of portable routers for the cutting of wood or wood based material when suitable cutter is fitted.

It is not intended for continuous production or production line use.

This router table is a professional product.

**DO NOT** use under wet conditions or in presence of flammable liquids or gases.

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

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.















EN 60745-1:2009 + A11:2010 Annex M & EN 60745-2-17:2010 Annex M

#### Safety of working stands for operation with handheld motor-operated electric tools.

Annex M applies to working stands (router table) with or without mains supply, and intended to be used in combination with hand-held electric tools but not intended for continuous production or production line use.

### GENERAL WORKING STAND (ROUTER TABLE) SAFETY RULES

WARNING! Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "router" in all of the warnings listed below refers to your mains operated (corded) router power tool or battery operated (cordless) router power tool.

Observe the safety regulations in the instruction manual of the router power tool to be used.

#### SAVE THESE INSTRUCTIONS

#### 1. General router table safety (Annex M)

- a) Disconnect the plug from the power source before making any adjustments or changing accessories.
   Accidental starting of the router is a cause of some accidents.
- b) Properly assemble the router table before mounting the router. Proper assembly is important to prevent risk of collapse.
- c) Securely fasten the router to the router table before use. Router shifting on the router table can cause loss of control.
- d) Place the router table on a solid, flat and level surface. When the router table can shift or rock, the router or workpiece cannot be steadily or safely controlled.
- e) Do not overload the router table or use as a ladder or scaffolding. Overloading or standing on the router table causes the table to be top heavy and likely to tip over.
- f) The router table is for use with the routers listed in the manual only. The router table must not be used with any other power tool. Fitting of a tool not intended for a router table can cause an injury.
- g) Insert rings. Use the correct table rings in relation to the size of the cutter tool.
- h) Always wear suitable personal protective equipment. This includes hearing protection to reduce the risk of induced hearing loss; respiratory protection to reduce the risk of inhalation of harmful dust; gloves to avoid possible injuries when handling router cutter and rough material due to sharp edges; safety glasses to avoid eye injury caused by flying particles;
- i) Possible contact of the cutter block with hand and

fingers of the operator. Ensure correct guard is fitted and adjusted to prevent accessibility to portions of the cutter tool not being used;

- j) Possible kickback, an unexpected rapid reaction to uncontrolled guiding of small work pieces opposite to the direction of feed cutting. Use horizontal feather boards when working narrow workpieces to ensure safe working;
- k) Hazardous situation due to uncontrolled lift up of the workpiece.
- I) When performing curved work, the necessity to guide the workpiece in the correct way to prevent cutting injuries. Use lead on pin, top pressure and guard system to ensure safe operation.
- m) Incorrect use of cutter tools, workpiece and guiding devices may lead to dangerous situation. Ensure operator handles the workpiece correctly. Operator must use, adjust and operate workpiece clamps and guiding devices properly. Operator must ensure correct tool selection.
- n) Unmaintained tools can cause uncontrolled situations.
   Use cutting tools which are sharpened, maintained and adjusted in accordance with the tool manufacturers instructions:
- o) Possible contact with moving parts. Switch off the machine and pull the plug when changing or adjusting.
- p) Keep hands away during straight work it. Use where possible pressure device in conjunction with the fence.
- q) Missing stops can cause kickback. Use back and/or front stops fixed to the fence when doing stopped work.
- r) Router mounting. Mount and secure the hand-held router to the router table properly.
- s) Possible mistake of tool position: Fit the cutter tooling to the machine correctly and feed the workpiece against the direction of spindle rotation.
- t) Cutter speed. Select the correct speed corresponding to the tooling and material being used.
- u) Incorrect adjustment of fences. Fences shall be adjusted in relation to the different work. A false fence can be made and secured to the fence cheeks, an is used to minimise the gap between cutting tool and fence plate.
- v) Workpiece size. See technical data section of table manual for workpiece dimensions the working stand is intended for. For longer lengths a workpiece support is required.
- w) Maximum tool cutter diameter. See technical data section of router table manual for the maximum cutter tool diameter the working stand is recommended for.
- x) When machining wood. Use the correct size dust collecting spout and hose to suit back fence dust spout aperture.

#### 2. Work area

- a) Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- b) Do not operate router and router table in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Routers and router table switches create sparks which may ignite the dust or fumes.

#### EN - CRT/MK3



c) Keep children and bystanders away while operating a power tool. Distractions can cause you to loose control.

#### 3. Electrical safety

- a) Router and router table switch plugs must match the outlet. Never modify the plug in any way. Do not use 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 router and router table to rain or wet conditions. Water entering a router or router table switch will increase the risk of electric shock.
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the router and router table switch. 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 router and router table outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

#### 4. Personal safety

- a) Stay alert, watch what you are doing and use common sense when operating a router and router table. Do not use while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a router and router table may result in serious personal injury.
- b) Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying routers with your finger on the switch or plugging in routers that have the switch on invite accidents.
- d) Remove any adjusting key or wrench before turning the router and router table on. A wrench or a key left attached to a rotating part of the router may result in personal injury.
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the workpiece 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) Connect router table to dust extraction devices. Use of these devices can reduce dust related hazards.

#### 5. Router and router table use and care

- a) Do not force the router. Use the correct router cutter for your application. The router will do the job better and safer for which it was designed.
- b) Do not use the router or router table of the switch does not turn it on and off. Any router that cannot be

- controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source before making any adjustments, changing accessories, or sorting router and router table. Such preventative safety measures reduce the risk if starting the power tool accidentally.
- d) Store idle routers and router tables out of the reach of children and do not allow persons unfamiliar with the router or router table or these instructions to operate the tool, Routers and router tables are dangerous in the hands of untrained users.
- e) Maintain router and router table. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tools operation. If damaged, have the router or router table 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 router, router table, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of router, taking in account the working conditions and the work to be performed. Use of the router or router table for operations different from intended could result in a hazardous situation.



#### **ELECTRICAL SAFETY**

#### **Power Supply**

WARNING: Before any maintenance work, isolate mains plug from power source

### Mains Plug Replacement (UK & Ireland only)

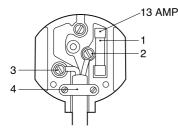
Always check the condition of the cable and plug before starting with your work. Should your mains plug need replacing and you are competent to do this, proceed as instructed below. If you are in doubt, contact an authorised Trend repair agent or a qualified electrician.

- · Disconnect the plug from the supply.
- Cut off the plug and dispose of it safely; a plug with bared copper conductors is dangerous if engaged in a live socket outlet.
- Only fit 13 Amperes BS 1363A approved plugs fitted with a 13 Amp A.S.T.A approved BS 1362 fuse (1).
- The cable wire colours, or a letter, will be marked at the connection points of most good quality plugs. Attach the wires to their respective points in the plug (see below). Brown is for Live (L) (2) and Blue is for Neutral (N) (3).
- Before replacing the top cover of the mains plug ensure





that the cable restraint (4) is holding the outer sheath of the cable firmly and that the two leads are correctly fixed at the terminal screws.



For 110V units with a power rating exceeding 1500W we recommend to use a plug to BS4343 standard.

#### **Using an Extension Cable**

 If an extension cable is required, use an approved triple core extension cable suitable for the power input of this tool (see technical data). The minimum conductor size is 1.5mm².

Cable rating (Amperes)

- When using a cable reel, always unwind the cable completely.
- Also refer to the table below.

Conductor size (mm²)

Conductor Size (IIIII)		Oabic	Cable rating (Amperes)				
0.75		6					
1.00	10	10					
1.50		15	15 20				
		20					
4.00		25	25				
Cable len	gth (m)						
		7.5	15	25	30	45	60
Voltage	Amperes	Cable	Cable rating (Amperes)				
115	0 - 2.0	6	6	6	6	6	10
	2.1 - 3.4	6	6	6	6	15	15
	3.5 - 5.0	6	6	10	15	20	20
	5.1 - 7.0	10	10	15	20	20	25
	7.1 - 12.0	15	15	20	25	25	-
	12.1 - 20.0	20	20	25	-	-	-
230	0 - 2.0	6	6	6	6	6	6
	2.1 - 3.4	6	6	6	6	6	6
	3.5 - 5.0	6	6	6	6	10	15
	5.1 - 7.0	10	10	10	10	15	15
	7.1 - 12.0	15	15	15	15	20	20
	12.1 - 20.0	20	20	20	20	25	-

#### **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.

#### **MARKINGS ON TABLE**

The following pictures are shown on the tool.



Read instruction manual before use.

#### Date Code Position

The year of manufacture is on a label next to the rating plate.

#### **ITEMS ENCLOSED**

- 1 x Table Top
- 4 x Legs, and Fixing Screws
- 4 x Lea Rails
- 1 x Back Fence and Scale
- 2 x Fence Cheeks
- 4 x Fence Cheek Knobs
- 1 x Top Feather Board, Cutter Guard and Fixing Knob Assembly
- 1 x Dust Spout and Fixing Screws
- 2 x Back Fence Fixing Knobs and Bolts
- 1 x Side Feather Board and Fixing Knob Assembly
- 2 x Edge Planing Rods
- 2 x Edge Planing Rod Locking Knob Assemblies
- 16 x Leg Rail Fixing Screws And Nuts
- 1 x Insert Plate and Fixing Screws
- 1 x No-Volt Release Switch and Fixing Screws
- 1 x Mitre Fence Assembly
- 6 x Insert Rinas
- 1 x Lead-On Pin
- 1 x Pushstick and Pushstick Park Assembly Bolts
- 2 x Table Top Scales (Fitted)
- 4 x Bench Mounting Brackets and Screws
- 2 x Cable Management Clips and Screws
- 1 x Spanner 10mm A/F
- 1 x Hex Key 3mm A/F
- 1 x Router Screw Fixing Pack
- 1 x Instructions
- 1 x Guarantee Card





#### **DESCRIPTION OF PARTS - (Fig. 1)**

- A. Leas
- B. Insert Plate
- C. Table Top
- D. Back Fence
- E. Fence Cheek
- F. Top Feather Board
- G. Cutter Guard
- H. Lead-On Pin Hole
- Mitre Fence
- J. No-Volt Release Switch
- K. Pushstick
- L. Insert Rings
- M. Table Top Scales
- N. Side Feather Board
- O. Dust Spout
- P. Bench Mounting Bracket
- Q. Lead-On Pin Storage
- R. Spanner
- S. Hex Kev 3mm AF
- T. Edge Planing Rod
- U. Edge Planing Rod Locking Assembly
- V. Backfence Scale
- W. Cable Management Clips
- X. Leg Rails Long
- Y. Lea Rails Short
- Z. Router Fixing Screw Pack
- AA. Height Adjuster Storage Pin

#### ITEMS REQUIRED

- 2x Phillips® No.2. screwdriver for assembly.
- 1x Phillips® No.1. screwdriver for assembly.
- 10mm nut driver

#### **ASSEMBLY**

#### Assembly of Leg Frame - (Fig. 2)

#### Bench Top Assembly - (Fig. 3)

#### **Mounting Table to Workbench or** Workboard - (Fig. 4)

The router table can be mounted onto a suitable workbench or workboard. Ensure the legs of the table are supported and do not overhang.

A recommended working height is 900mm from table top to floor.

#### **Mounting No Volt Release Switch** - (Fig. 5a & 5b)

The switch can be positioned at the front of the table or on the right hand side.

#### **Mounting T14 No Volt Release Switch** - (Fig. 6a & 6b)

The switch can be positioned at the front of the table or on the right hand side.

**CAUTION:** Ensure working position is comfortable and that the table is secured to a work bench. Ensure workbench is stable and secure.

#### Levelling the Insert Plate - (Fig. 7)

The insert plate can be levelled to the table top by adjusting the seven set screws with the hex key.

#### Fitting Insert Rings - (Fig. 8a, 8b & 8c)

**WARNING:** Always ensure insert rings are a tight fit in the insert plate. Replace damaged or loose rings immediately.

Back Fence Assembly - (Fig. 9a, 9b & 9c)

Fitting Back Fence - (Fig. 10)

#### Fitting Top Feather Board & Cutter Guard

- (Fig. 11)

#### Fitting Side Feather Board

- (Fig. 12)

Fitting Mitre Fence - (Fig. 13)

Fitting Pushstick Storage - (Fig. 14)

#### **Fitting Cable Management Clips** - (Fig. 15)



#### **Router Compatibility**





Make	Router Model	Screw x Qty
TREND	T3, T4, T5	BX2
TREND	T8, T10, T11, T12, T14	вхз
СМТ	CMT1E	ВХЗ
DEWALT	DW613, 614, 615	BX2
DEWALT	DW624, 625E, DWE625, 627	B X 3
ELU	MOF96)E) MK2	B X 2
ELU	MOF131, 177 (E) MK2	В Х З
PERLES	OF808(E) > 1999	B X 2

### Mounting Router to Insert Plate

#### - (Fig. 16)











#### No-Volt Release Switch - (Fig. 17)

- Plug machine into socket.
- Put plug of switch into mains supply.
- Switch on router.
- Press green button to switch on. To switch off press red button.



# Cutter Guard & Feather Board Adjustment - (Fig. 18a & 18b)

### Back Fence Adjustment - (Fig. 19a, 19b & 19c)

- Adjust back fence position by loosening the two knobs (A) and pushing the fence forwards or backwards.
- Lock fence position by tightening the two knobs (A).
- Adjust fence cheeks based on size of router cutter by loosening the four knobs on the back of the fence (B) and sliding in and out.

#### Pushstick Operation - (Fig. 20)

The pushstick has been designed for use with a router table, and should always be used when making any cut less than 300mm in length or, when feeding the last 300mm of a longer cut. The birds mouth is 90° and should be angled at between 20° to 30° to the workpiece to suit the height of the machinist.

CAUTION: Do not use the pushstick as a lever or for uses other than those envisaged.

CAUTION: Compliance with the safety requirements of the regulations in force is nullified by any modification or tampering with the pushstick.

#### **Edge Moulding and Grooving**

- (Fig. 21)
- Isolate from power source.
- Fit cutter.
- Set back fence position.
- · Set top and side pressures.
- · Fit quard.
- Check all knobs are tight.
- Plug into power supply.
- · Switch on.
- · Feed right to left.
- Switch off.

#### Feed Direction - (Fig. 22a, 22b & 22c)

- Always work with constant, medium rate. Feeding too slow will results in burn marks and excessive heat build up of the cutter.
- Good results will be obtained by removing small amounts of material in several passes.
- Always feed work from right to left, following the arrow on the router plate (in the opposite direction to the rotation of the router cutter).

#### **Stopped Moulding**

- (Fig. 23a, 23b & 23c)
- · Isolate from power supply.
- · Fit cutter.
- · Set back fence position.
- · Fit some stops to back fence using cramps.
- Fit guard.
- Check all knobs are tight.
- Plug into power supply.
- · Switch on.



#### EN - CRT/MK3

- Drop material against infeed stop A and pivot into cutter.
- Feed right to left, until reaching outfeed limit stop B.
- · Pivot at outfeed stop.
- · Switch off.

#### Mitre Fence - (Fig. 24)

- · Isolate from power supply.
- · Fit cutter.
- Adjust angle of mitre fence by loosening knob and turning protractor head to line up angle required with arrow.
- · Place component onto mitre fence.
- Plug into power supply.
- Feed right to left holding component securely.
- · Switch off.

NOTICE: The mitre fence has fixing holes to allow a spelch block to be secured using screws (not supplied).

#### **Lead-on Pin**

- (Fig. 25a, 25b, 25c & 25d)
- Isolate from power supply.
- Fit lead-on pin into threaded hole using a slotted screwdriver.
- · Move back fence back.
- · Fit self guided cutter.
- Fit top guard.
- Plug into power supply.
- Support component onto the lead-on pin and swing into cutter and contact bearing guide.
- Mould component.
- Switch off

WARNING: Guard removed for clarity.
Ensure guard is fitted when using self guided cutters.

NOTICE: The lead-in pin can be stored in the pin park hole in the back fence when not in use.

#### **Edge Planing**

- (Fig. 26a, 26b, 26c & 26d)
- The planing rods can be placed behind the left-hand fence cheek to create either a 1.4mm or 2.4mm plane.

- The rods can be parked in the T-slots in the top of the back fence.
- The rods are held by tightening the knobs.
- After use of the table, keep assembled and store properly.

#### **ACCESSORIES**

Please use only Trend original spare parts and accessories.

## Hose and Connector Ref. CRT/4 - (Fig. 27a & 27b)

The back fence is provided with an extraction point for connection to suitable vacuum extractors. The internal hole diameter is 57mm (2-1/4").

• Only a vacuum extractor unit recommended for use in the workshop should be used.

### MAINTENANCE Z

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

· Replace the cutter insert when worn out.

#### Cleaning

- Keep the grooves clear of sawdust. Regularly clean the table with a soft cloth.
- The pushstick is made of thermoplastic material which is resistant to solvents, oils, greases and water. Do not use concentrated acids or alkalies for cleaning.

#### Lubrication

 Your router table requires no additional lubrication. Do not use PTFE spray on the plastic components of the table.

#### Storage

- When not in use the table should be stored safely. It is advisable to cover the table.
- The pushstick is provided with holes to store easily on the table.



# ENVIRONMENTAL PROTECTION

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

#### **Business Users**

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

#### WARRANTY

This unit carries a manufacturer's warranty in accordance with the conditions on our website **www.trend-uk.com**