



Cast Iron Top Kit Code 717127

Laminated Top Kit Code 719240

Original Instructions

Professional Router Table

Hole assembly instructions including the UJK table tops,
fence assembly, table inserts and other accessories



AT: 10/07/2024
BOOK VERSION: 11

INDEX OF CONTENTS

• Introduction	03
• What's Included	04-05-06-07
• Optional Accessories	08-09-10-11-12
• Kit Specification	13
• General Instructions for 230V Machines	13
• General Safety Instructions	14
• Assembly	15-16-17-18-19-20-21-22-23-24
• Illustration & Parts Description	25
• Mounting the Router to the Universal Base Plate	26-27
• Mounting the Router to the 10mm Table Inserts	28-29-30
• General Guide to Router Cutters	31-32
• Exploded Diagram/Parts List	33-34-35-36-37
• Notes	38-39

Axminster Tool Centre Ltd
Axminster Devon
EX13 5PH UK
axminstertools.com

declares that the machinery described:-

Type	Router Table
Model	UJK

Signed



Andrew Parkhouse
Operations Director

Declaration of Conformity

EC DECLARATION OF CONFORMITY
MACHINERY DIRECTIVE, UJK ROUTER TABLE,
Axminster Tools and Machinery Ltd
declares that the attachment described
under Technical Data is in compliance with:

2006/42/EC



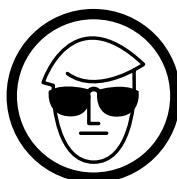
The symbols below advise the correct safety procedures when using this machine.



Fully read manual
and safety instructions
before use



Ear protection
should be worn



Eye protection
should be worn



Dust mask
should be worn

The leg stand is of sturdy construction with a foot operated retractable castor for excellent mobility around the workshop. A neat rack is provided for keeping your most popular router cutters to hand and provision is made for storage of the supplied mitre fence assembly. Stand height including cast iron top 930mm.



The UJK professional router table is a solid, dependable unit that will give many years of useful service. The benefits of using cast iron for the manufacture of machine tables are well known especially where vibration damping and stability are paramount. The quality of the surface grinding on this table is superb, offering little resistance when passing stock across the table during use. If you have room in your workshop for a full sized router table, you will wonder how you managed without one. There are many complex routing operations that can only be carried out using a table set-up. The aperture in the table top is designed to accept our router elevator and when fitted with this unit you will have yourself an excellent versatile set-up. Top measures 812 x 610mm.



The Professional Laminated router table is high grade birch ply with a hard wearing, low friction, phenolic laminated surface. The ply core ensures the top will remain flat throughout its working life, while the laminated top ensures workpieces glide smoothly. An extruded aluminium track inset into the tabletop includes a standard 19mm track for the use of a mitre fence and a T-track slot for other jigs and accessories. The 230 x 306mm central aperture will accept any of the UJK router table inserts as well as the UJK router elevator. The top measures 800 x 600mm and is pre-drilled to fit the UJK Professional router table leg stand, fence assembly or optional dust collection box.



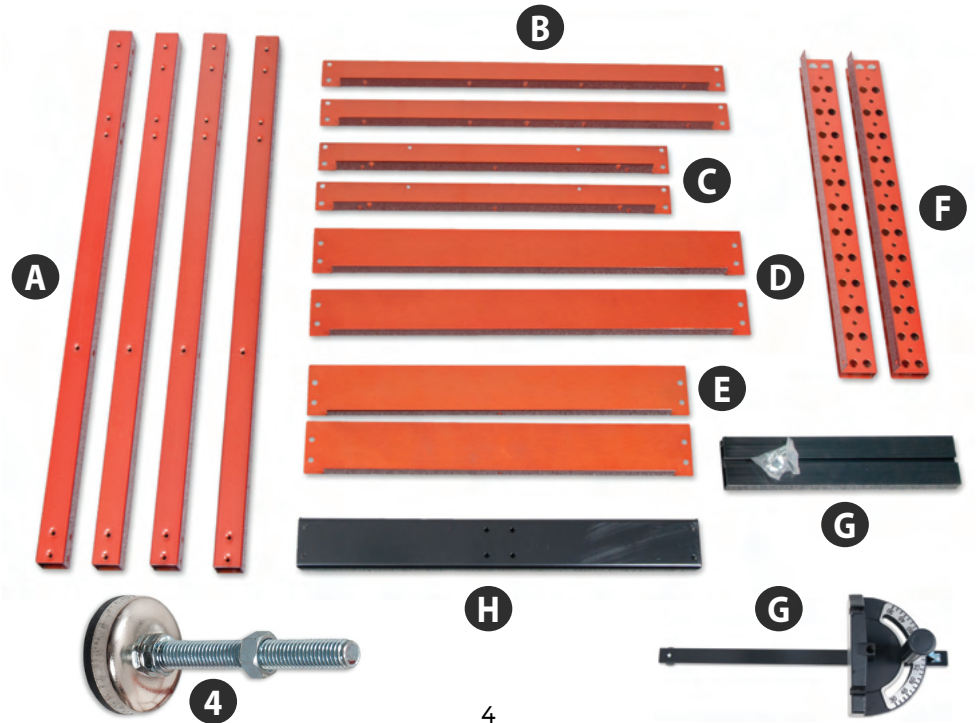
The fence is a superb quality single aluminium section supplied with a transparent dust port for efficient extraction from above the table. Provision is made for the fitting of guards and accessories with a T-slot at both the top and front of the fence. An adjustable transparent guard is included for your safety. Adjustable scales are provided for attachment at either side of the table and the fence is attached to these and locks into place at the required position. A scale is also provided for the top of the fence with the zero position at the centre. Adjustable in-feed and out-feed fences attach to either side of the aluminium section and the central aperture can be opened and closed according to the diameter of the cutter in use. Fence measures 904 x 90mm high.



WHAT'S INCLUDED

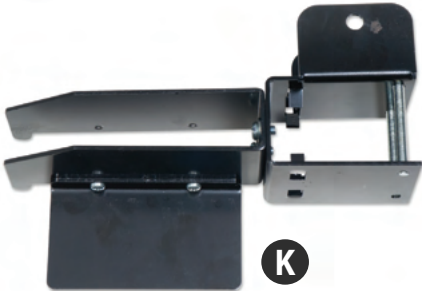
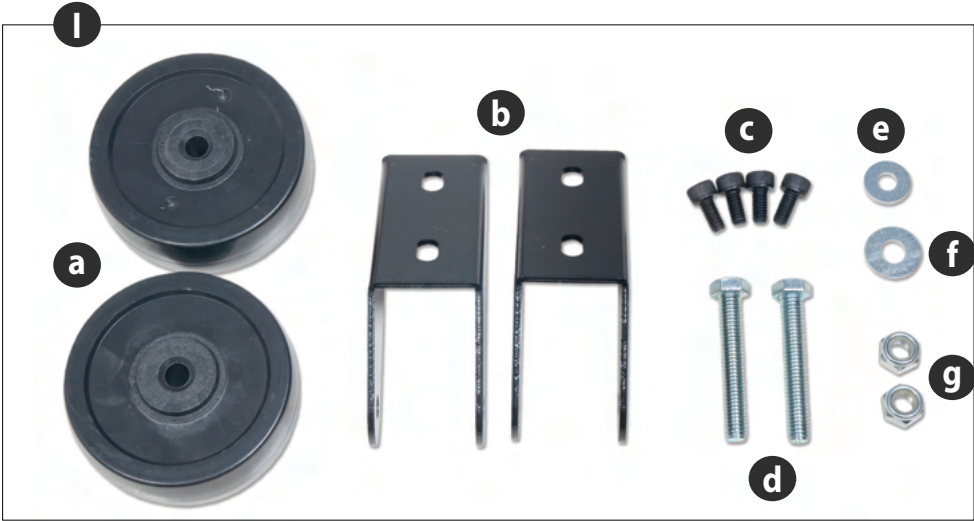
UJK Router Table Leg Stand

Quantity	Item	Part	Code
			502536
Bag 1 Containing:			
40 No	Bolts (M6x12mm)	1	
40 No	Flat Washers M6	2	
2 No	Round Head Screws (M4x20mm)	3	
4 No	Adjustable Feet	4	
4 No	Upright Supports	A	
2 No	Upper Side Panels (Long)	B	
2 No	Upper Side Panels (Short)	C	
2 No	Lower Support Brackets (Long)	D	
2 No	Lower Support Brackets (Short)	E	
2 No	Cutter Holders	F	
1 No	Mitre Fence/ Extension	G	
2 No	Bolts (M6x30mm)		
2 No	M6 Washers		
2 No	Wing Nuts		
1 No	Wheel Support Bracket	H	



Rear Wheel Assembly

Quantity	Item	Part	Code
			502536
Bag 2 Containing:			
2 No	Wheels	a	
2 No	Wheel Brackets	b	
4 No	Hex Bolts (M6x12mm)	c	
2 No	Bolts (M8x50mm)	d	
4 No	M6 Washers	e	
4 No	M8 Washers	f	
2 No	M8 Nuts	g	
1 No	Mobility Wheel Assembly	J	
1 No	Mitre Fence Tool Rest	K	

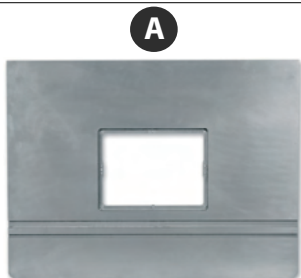


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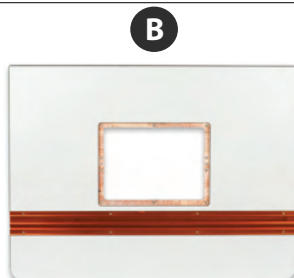
UJK Router Table Tops

Quantity	Item	Part	Code
1 No	UJK Pro Cast Iron router table top	A	502535
1 No	UJK Pro Laminated router table top	B	102543

Bag Containing	Code: 502535-102543
10 No	Countersink Phillips Screws (M6x20mm)
6 No	Hex Bolts (M6x16mm)
6 No	M6 Washers
6 No	Spring Washers
10 No	M6 Nuts



UJK Pro Cast Iron Table Top

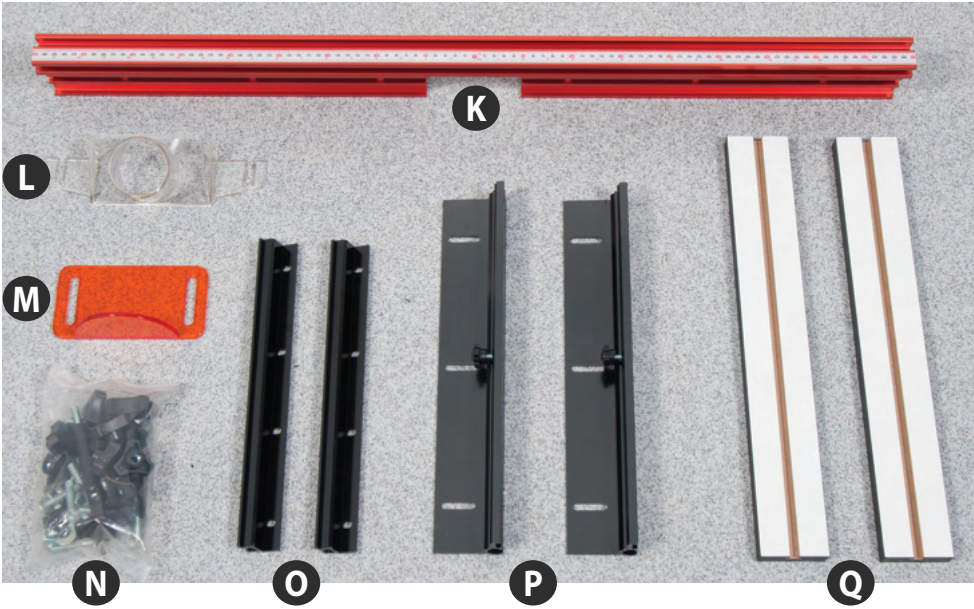


UJK Pro Laminated Table Top

UJK Fence Assembly

Quantity	Item	Part	Code
			508273
1 No	Fence	K	
1 No	Extraction Moulding	L	
1 No	Dust Shield	M	
1 No	Bag Containing	N	
2 No	Locking Handle Knob (5/16")	a	
8 No	M8 Locking Knobs	b	
2 No	Fence Spacers	c	
8 No	'T' Bolts (M8x43mm)	d	
6 No	Hex Screws (M6x12mm)	e	
8 No	Hex Bolts (1/4 x 5/8")	f	
2 No	Lock Hex Nuts (5/16")	g	
6 No	Square Nuts 1/4"	h	
10 No	M8 Flat Washers	i	
6 No	Flat Washers (M6)	j	
2 No	Fence Fixing Brackets	O	
	Fence Fixing Brackets with Scale	P	
2 No	Adjustable Wood Faces	Q	

WHAT'S INCLUDED



OPTIONAL ACCESSORIES

1) UJK QuickStop

(Code 502569)

- A hinged stop to fit the UJK router tables.
- An excellent device for stopped chamfers or rebates.
- Attaches to the top of the router table fence.
- Simply flips up out of the way when not required.

2) UJK 10mm Aluminium Router Table Insert c/w Universal Base

(Code 502748)

UJK 10mm Aluminium Table Insert

(Code 105932)

- Threaded lead-in pin.
- To fit 230 x 306mm aperture.
- Twist lock insert ring supplied with wrench.

3) Router Table Inserts

- A range of central inserts for the
- UJK router elevator
- Also suitable for UJK aluminium and phenolic router table insert plates.
- Sizes include 12.6mm, 38mm, 63.4mm plus a guide bush adaptor.
- Blank insert available for making your own hole size.
- Available as a set of four or individually.

(Code 502565) **12.6mm**

(Code 502566) **38mm**

(Code 502567) **63.4mm**

(Code 951187) **Blank Insert**

(Code 502525) **Guide Bush Adaptor**

4) Vertical Feather Boards

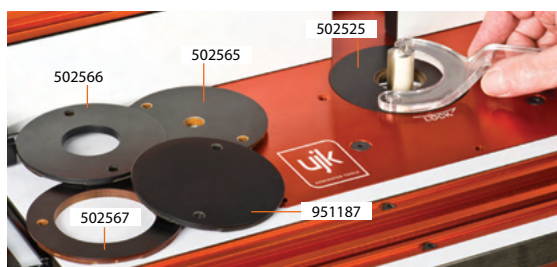
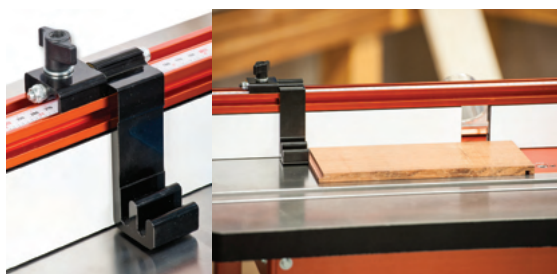
(Code 502751)

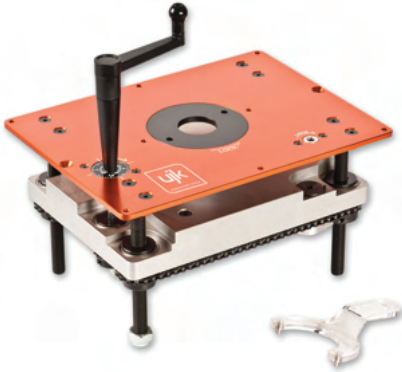
- Gives downward pressure against workpiece.
- Excellent for safer routing.

5) Horizontal Feather Boards

(Code 502750)

- Holds workpiece against fence.
- Excellent for safer routing.
- Use as singles or stacked for more support.





6) UJK Router Elevator

(Code 502701)

The UJK router elevator is a logical solution for fast, accurate production on many router table installations. This compact design was developed by us to fit straight into our own router tables and most table set-ups can accommodate this size of insert (305 x 229 x 6mm). The unit can be made to fit flush into the tabletop by the provision of levelling screws at each corner of the table insert. Height adjustment is carried out by inserting a handle through a measurement dial set into the machine table. Each rotation of the handle raises or lowers the cutter by exactly 2mm and the integral scale is graduated into increments enabling very accurate adjustments to be carried out.



7) UJK Dust Extraction Box

(Code 502538)

- Dust collection device.
- Efficient extraction from above and below the table.
- Access door with magnetic catch.
- 63mm extraction hose included.
- 100mm outlet.



Dust extraction from a router table can be difficult and for it to work effectively it needs to extract from both above and below the table. Designed to fit the UJK Pro and Compact router tables this device fits below the table top enclosing the router. It could also be fitted to other custom made tables of your own design. The 100mm diameter outlet on the back also incorporates a 62mm inlet and hose which enables extraction from both above and below the table simultaneously. An access door is provided on the front with a magnetic closure enabling access to your router for adjustments if required. Measures 330 x 260 x 350mm high with an access aperture of 225 x 170mm.



8) UJK Off Set Bars for Router Tables

(Code 103561)

A pair, these H-section extrusions fit behind the outfeed fence of the UJK router table fence. Once in position they give you an exact 1mm offset between the infeed and outfeed fences. Their clever design means you can rotate each extrusion by 180° and reinsert them in position to achieve an exact 2mm offset.

OPTIONAL ACCESSORIES

9) UJK Extension for Cast Iron Router Table

(Code 103551)

Made specifically for the UJK Professional Router Table, this extension provides vital extra support when machining wide workpieces such as raised panels for cupboard doors. It is 810mm in length, running along the entire front edge of the table. Fixing is just a simple matter of attaching a bracket on either side, on the underside of the table using 3 cap-head screws per side.

The extension slides in and out of the brackets, on strong rectangular section bars. Going from zero to 260mm, at its maximum, it effectively gives you approximately 610mm from the centre of the router cutter to the edge of the extension. The top edge of the extension is a low friction material, ensuring that your work glides smoothly.



10) UJK Digital Height Gauge

(Code 103655)

The UJK Digital Height Gauge is an indispensable measuring tool for the accurate setting of cutting depths, in particular router cutters and saw blades.

The body is cast iron, with machined feet that form a reference surface. It is stable and can stand upright without additional support. It is equally accurate both vertically and horizontally. The horseshoe shaped body measures 54mm between the legs with an internal height of 80mm. The main feature is its highly accurate digital scale unit, with an LCD screen offering a read-out in either metric or imperial. The display has a resolution of 0.01mm or 0.001 inches.

The digital read-out tells you precisely how deep your saw blade or router cutter is going to cut. With a measuring speed of 1.5 milliseconds, it is somewhat faster than making a guess with a ruler. You can zero the digital read-out at any point, allowing relative adjustment. It is particularly handy to hold the bar in contact with the blade or cutter and gradually increase the cutter height until the display reaches the desired depth. Used horizontally, you can measure or adjust a router table fence relative to the cutter. The UJK Digital Height Gauge will also measure a mortise to a depth of 99mm.





11) UJK Precision Mitre Gauge Fence & Flip Stop (Code 104579)

This mitre gauge system is made from 5mm steel plate and features positive stops at 0°, 22.5°, 30°, 45°, 60°, 67.5° and 90°. Simple to adjust with a spring loaded plunger stop and able to be set at any other angle between 0-90° as required.

The other main feature is the anodised alloy fence, fitted with an adjustable flip-over length stop. This fence can be slid along the gauge body by releasing two thumb screws. The 320mm bar can be fitted to a standard 3/4" x 3/8" (19 x 9.5mm) table slot; the locking washer can be removed if required.

This mitre gauge will improve accuracy when cross or mitre cutting on many machines or router tables.



OPTIONAL ACCESSORIES

12) UJK Professional Coping Sled

(Code 102946)

When profiling the end grain of a narrow workpiece on the router table, you need a way of holding the workpiece. This is particularly relevant if your workpiece is narrower than the gap in your router fence. The UJK Coping Sled holds the key to working safely, securely and achieving accurate results.

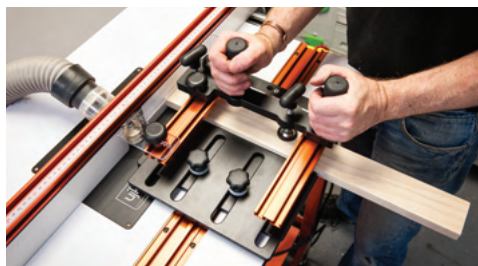
Developed and extensively tested by UJK, this Coping Sled will transform the way you make end grain cuts for rail and stile doors, tenons and many other joints. If you are intending to make cabinet doors on your router table, the Coping Sled is invaluable. It is by far the best way to secure your workpiece, offering perfect results with a high degree of safety. The Coping Sled takes the stress out of the process. It ensures your workpiece is square to the table's mitre slot and that it guides smoothly across the router bit.

The Coping Sled secures your workpiece both horizontally and vertically. A slotted top plate holds the work firmly against the sled's rear fence. This plate prevents kickback and easily adjusts for material up to 135mm wide. Two vertical clamps prevent the workpiece lifting during the cut. The position of the foremost clamp, close to the point of cut, significantly reduces vibration. The maximum workpiece thickness is 40mm.

To prevent tear-out at the end of the cut, the Coping Sled has a 45mm wide x 22mm deep nylon fence. Unlike aluminium, nylon will not damage your router cutter. You can use the fence as a spelcher if you wish or use an off-cut to prevent tear-out. The fence includes a sliding flip-stop for repeat cuts. A T-slot cutter is available should you wish to make a replacement or custom wooden fence.

On the underside of the 10mm thick, low-friction baseboard is a 19 x 9.5mm (3/4" x 3/8") mitre slot bar. It will fit both plain and T-slot mitre slots. Two grub screws, 150mm apart, allow adjustment for zero play in the slot. The bar has a choice of five positions to accommodate a wide variety of router tables.

Two large rubberised handles provide a firm safe grip for complete control. The design allows you to position the handles directly over the work. The sled's handles make sure both your hands remain a safe distance from the router bit. A clear, full width Plexiglas shield acts as a chip deflector.



UJK Professional Router Table with Cast Iron Table Top

Code	717127
Rating	Trade
Table Size	812 x 600 mm
Table Height	930 mm
Fence Size	904 x 90 mm
Dust Extraction Outlet	62 mm


UJK Professional Router Table with Laminated Table Top

Code	719240
Rating	Trade
Table Size	800 x 600 mm
Table Height	890 mm
Fence Size	904 x 90 mm
Dust Extraction Outlet	63 mm

GENERAL INSTRUCTIONS FOR 230V MACHINES

Good Working Practices/Safety

The following suggestions will enable you to observe good working practices, keep yourself and fellow workers safe and maintain your tools and equipment in good working order.



WARNING! KEEP TOOLS AND EQUIPMENT OUT OF THE REACH OF YOUNG CHILDREN

General Advice

If you are totally unfamiliar with the use of a power router, please seek some basic tuition and advice from an informed, qualified source. An amateur woodworker or hobbyist just starting out is advised to undertake a short course on the use of woodworking machines run by a professional woodworker. These are often offered by your local authority as evening classes.

Mains Powered Tools/ Primary Precautions

These tools are supplied with a moulded 13 Amp. plug and 3 core power cable. Before using the tool inspect the cable and the plug to make sure that neither are damaged. If any damage is visible have the tool inspected/repaired by a suitably qualified person. If it is necessary to replace the plug, it is preferable to use an 'unbreakable' type that will resist damage on site. Only use a 13 Amp plug, make sure the cable clamp is tightened securely and check that a 13 Amp fuse is fitted. It is also recommended that a switched power outlet is used. If extension leads are to be used, carry out the same safety checks on them, and ensure that they are correctly rated to safely supply the current that is required for your machine.

General Safety Instructions

- Carefully study and observe the safety instructions issued with the router being used in the table.
- In addition, the following precautions, specific to the use of router tables, should be adhered to.
- Ensure that the router is securely fixed to the router table, both when first commissioned and periodically thereafter.
- Fix the router table to a firm base such as a workbench or a heavy table. If the table is attached to a false base this in turn should be firmly fixed to a workbench or other solid surface.
- Always wear appropriate safety equipment such as safety goggles or face shield, dust mask and ear defenders. Ties, loose clothing and jewellery are all potential safety hazards and should be avoided.
- The router table is intended for cutting timber and plastics only, do not use it with other materials. Long lengths of timber will need to be supported on both the in-feed and out-feed sides of the table.
- Timber should be fed into the cutter from the right hand side of the table, as indicated on the safety label attached to the fence. A push block or custom made work holder should be used when cutting small pieces.
- Router cutters should be installed correctly in the router with the recommended minimum length of shaft engaged in the collet and the collet tightened to the correct degree.
- When making any adjustments to the router, such as changing the cutter, ensure that the router is switched off and the power cable is removed from the power supply before proceeding.

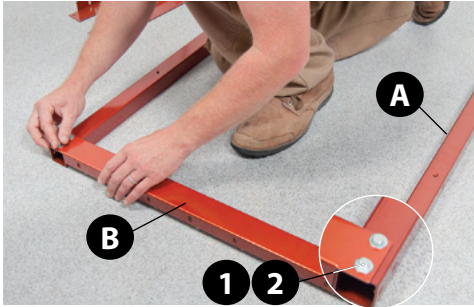
GENERAL SAFETY INSTRUCTIONS

- 1.** Make sure that the operator has been properly trained and has read and understands the Owner's Manual before operating any machinery.
- 2.** Be sure to read, understand, and follow all instructions, warnings, and safety guidelines supplied with your router.
- 3.** Keep the work area well lit, clean, and free of debris.
- 4. STAY ALERT!** Give your work your undivided attention. Even a momentary distraction can lead to serious injury.
- 5.** Do not wear loose clothing, gloves, bracelets, neck-laces, or other protection devices. Wear protective hair covering to contain long hair and wear nonslip footwear.
- 6.** Keep hands and other body parts well away from bits or cutting tools. When working close to the cutting tool, always use a feather board or push-stick to hold or guide the workpiece. Do not clear chips and sawdust away with hands; use a brush.
- 7.** Fine particulate dust is a carcinogen that can be hazardous to health. Always work in a well ventilated area and whenever possible use a dust collector to minimize health hazards.
- 8.** Be sure the router is running up to speed before feeding the workpiece.
- 9.** Use a suitable support if stock does not have a flat surface.
- 10.** Keep children and visitors at a safe distance when the router is in operation - do not permit them to operate the router and/or table.
- 11.** Childproof and taper proof your shop and all machinery with locks, master electrical switches and switch keys, to prevent unauthorised or unsupervised use.
- 12.** Secure the table to a work surface and never stand or lean on it. Serious injury can occur if the table is tipped or if unintentional contact is made with the spinning router bit.
- 13.** Keep all guards and safety devices in place and in good working order. If a guard must be removed for maintenance or cleaning make sure it is properly reinstalled before using the machine again.
- 14.** Hold the workpiece firmly against the table and use suitable support if the workpiece does not have a flat surface.
- 15.** Feed the stock into the bit against the rotation direction of the bit. Never run the stock between the fence and the bit.
- 16.** Do not operate with a damaged cutter in the router.
- 17.** Always disconnect the router from the power source before changing accessories or before performing any maintenance and adjustments or if the machine will be left unattended.
- 18.** Be sure that all adjustment tools, wrenches, or other clutter are removed from the table surface and safely stored before routing.
- 19.** Make sure the router's switch is in the "OFF" position before plugging in to a power source.
- 20.** Avoid working from awkward or off-balance positions. Do not overreach and always keep both feet firmly on the floor.
- 21.** Never leave the router unattended while running or with the power "ON".
- 22.** Do not use this router table for any purposes other than its intended use. If used for other purposes, UJK disclaims any real or implied warranty and holds itself harmless for any injury which may result from such use.

UJK Router Table Leg Stand Assembly

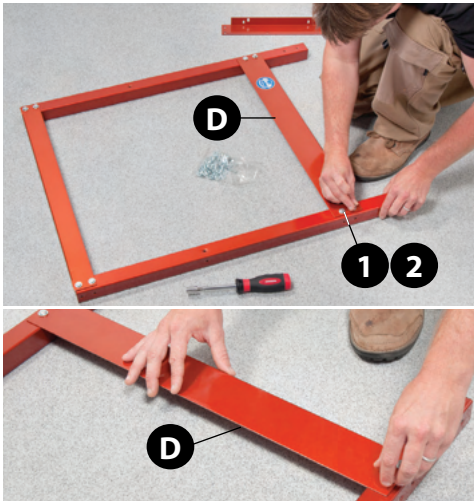
Step 1 Locate the bag of bolts (M6x12mm) (1), flat washers M6 (2), upright supports (A) and the upper side panels (long) (B). Secure one of the side panels (B) to the top of the upright supports (A) with the M6 bolts and washers, see fig 01. **(lightly tight)**

Fig 01



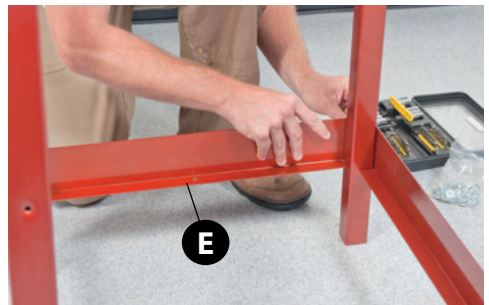
Step 2 Locate one of the lower support brackets (long) (D) and secure to the upper supports (A) as shown in fig 02. Repeat for the opposite side.

Fig 02



Step 3 Locate the upper side panels (short) (C) and lower support brackets (short) (E). Secure the lower support brackets (E) to the two front panels you already assembled and lightly tighten, see figs 03-04.

Fig 03-04



Step 4 Secure the upper side panels (C) to the front panels and lightly tighten. (See fig 05) Now go round the stand and tighten all the M6 bolts, see fig 06.

Fig 05



Fig 06

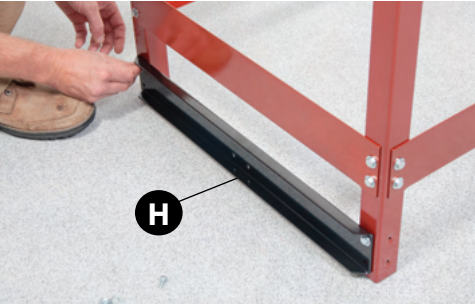


ASSEMBLY

Mobility Wheel Assembly

Step 7 Locate the wheel support bracket (H), lineup holes in the bracket with the threaded holes to the base of the upright supports (A) and secure using four M8 bolts and washers (1-2), see fig 07-08.

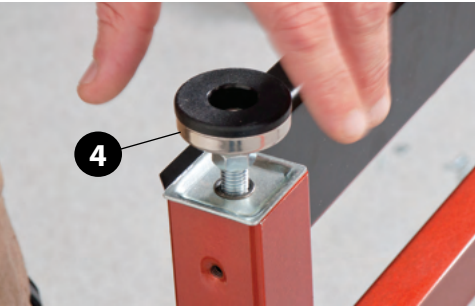
Fig 07-08



Step 8 Locate the four adjustable feet (4), turn over the stand assembly and screw each foot into the base of the upright supports, see figs 09-10.

(Leave loose for adjustment later)

Fig 09-10



Step 9 Locate the mobility wheel assembly (J), remove the five Hex bolt and washers and place safely aside. Separate the back plate from the main assembly, place the back plate inside the support bracket (H) and line up the holes.

Offer up wheel assembly to the front of the support bracket (H), lining up the holes, secure using the Hex bolts you removed earlier, see figs 11-13.

Fig 11-12

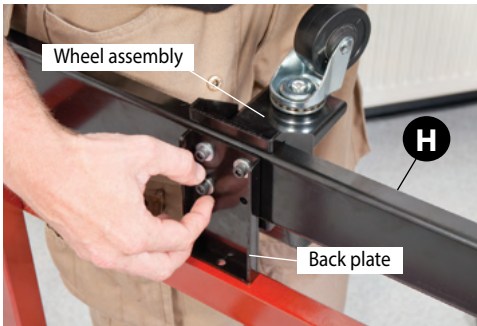
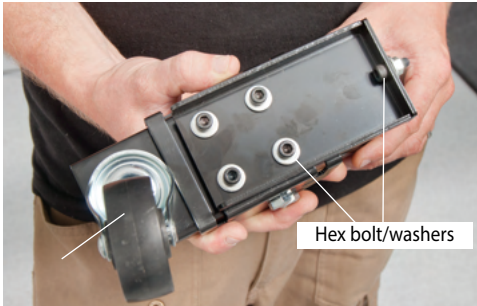


Fig 13



Secure the end of the back plate to the lower support bracket (E) and then turn the stand upright.

Rear Wheel Assembly

Step 10 Locate the wheel brackets (b), the four M6 Hex bolt (c) and M6 washers (e). Lineup the wheel bracket (b) holes with the threaded holes to the base of the upright support (A) and secure using two Hex bolts and washers (c and e). (See fig 14) Repeat for the opposite side, see fig 15.

Fig 14

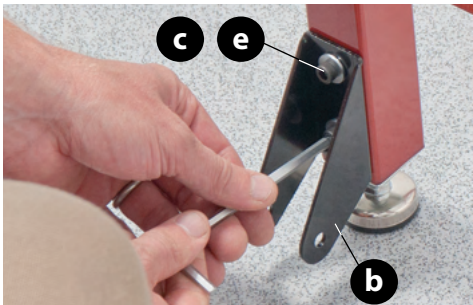


Fig 15

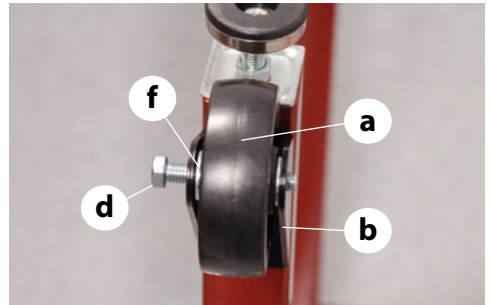


Step 11 Turn over the stand, locate the wheels (a), M8x50 bolts (d), M8 washers (f) and M8 nuts (g). Position the wheel into the wheel bracket (b), insert a M8 washer two either side of the wheel and line up the holes. Insert the M8 bolt (d) through the wheel bracket and secure using a M8 nut (g), see figs 16-17.



**DO NOT OVERTIGHTEN!
OTHERWISE THE WHEEL WILL
NOT ROTATE FREELY.**

Fig 16-17

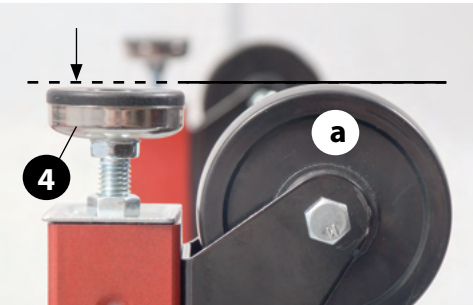


Repeat for the other side see image below.



ASSEMBLY

Adjust the foot (4) until it's level with the top of the wheel (a), see image below. Repeat for the other side.



Step 12 Turn the stand upright, place a level on top of the stand and adjust the nuts on the front feet (4) until the stand is level and the mobility wheel operates correctly, see fig 18.

Fig 18



Cutter Holder Assembly

Step 13 Locate the two cutter holders (F) and four M6 bolts and washers (1-2). Line up the pre-drilled holes in the cutter holder with the threaded holes to ends of the upright supports (A), secure using two M6 bolts and washer, see fig 19. Repeat for the opposite side, see fig 20.

Fig 19

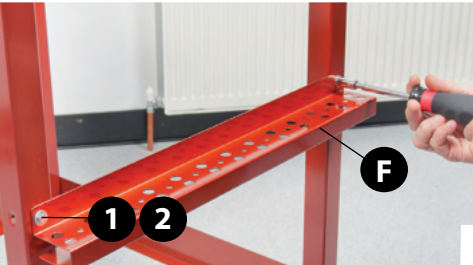


Fig 20



Mitre Fence Tool Rest Assembly

Step 14 Locate the mitre fence tool rest (K), see fig 21, remove the two Phillips screws from the tool rest and place safely aside. From the front of the stand position the tool rest over the left upright support column (A), above the cutter holder (F). Replace the Phillips screws and tighten, see fig 22

The tool rest (K) can be reposition to face inside the stand, see fig 23.

Fig 21

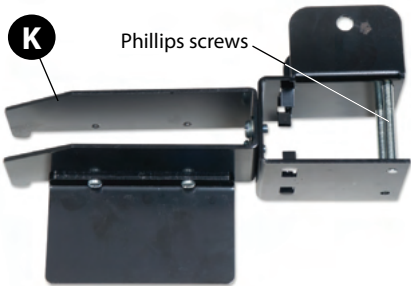


Fig 22

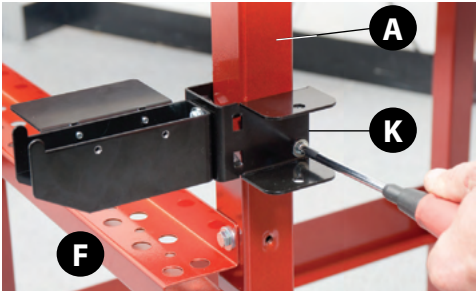


Fig 23



UJK Router Table Top Assembly

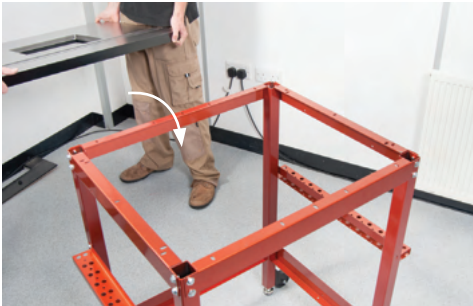
There are two router table tops that can be mounted to the stand, the Cast Iron and Laminated tables. The follow instructions show the Cast Iron top but it will also apply for the Laminated table top as well.

Step 1 Unpack the table, lift the table (A) on top of the stand assembly, see figs 24-25.



WARNING! THE CAST IRON TOP IS VERY HEAVY SEEK HELP!

Fig 24-25



Locate the six M6 Hex bolts, washers and spring washers, manoeuvre the table until the holes line up with the holes on top of the stand. Place a spring washer and washer down over the Hex bolts and screw them into the table, see figs 26-27.

Fig 26-27



The circles show the mounting hole positions

Step 2 Locate the ten countersink Phillips screws and M6 locking nuts, place a nut onto each of the Phillips screws and screw the countersink screws into the ten threaded holes beneath the table insert recess, see figs 28.

Fig 28



Stand and Table Assembled



Optional Table Inserts

NOTE: There are four options to choose from:

- 10mm Aluminium Table Insert (Code 105932)
- 10mm Phenolic Insert (Code 502747)
- 10mm Aluminium Insert with Universal Base (Code 502748)
- UJK Router Elevator (Code 502701)

The following instructions are for the optional UJK 10mm Aluminium table insert but it will apply for the other options as well.

Step 1 Locate the table insert, four grub screws and the two countersink Hex screws. Place the UJK table insert into the tables recess, adjust the ten countersink Phillips screws beneath the table, see fig 29 until the table insert is roughly level with the table surface. Adjust the locking nuts to lock the countersink screws in position, see figs 30-31.

Fig 29

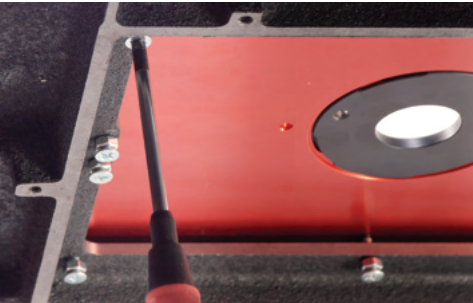
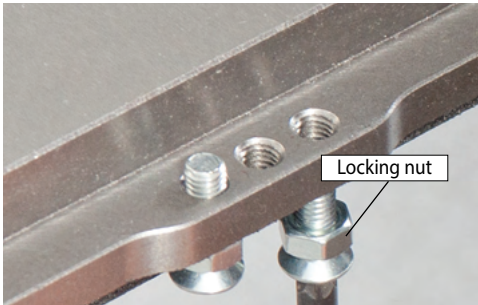
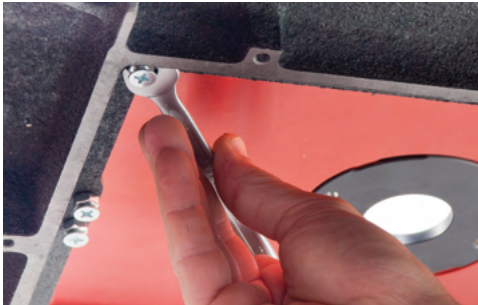
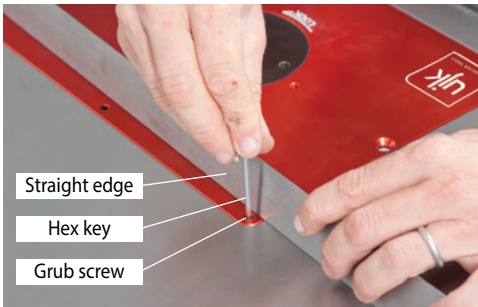


Fig 30-31



Step 2 Insert a grub screw into each threaded corner of the table insert, place a straight edge across the table insert and using a Hex key adjust the grub screws until the table insert is level with the table top, see fig 32.

Fig 32



Step 3 Insert the two countersink Hex screws down into the countersink holes in the table inset to lock the insert in position, see fig 33.