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## **HEAVY DUTY ROUTER TABLE OPERATING MANUAL**

**MODEL : W015**



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# GENERAL SAFETY RULES



**WARNING:** Do not attempt to operate the machine until you have read thoroughly and understood completely all instructions, rules, etc. contained in this manual. Failure to comply may result in accidents involving fire, electric shock, or serious personal injury. Keep this owner's manual and review frequently for continuous safe operation.

1. Know your machine. For your own safety, read the owner's manual carefully. Learn its application and limitations, as well as specific potential hazards pertinent to this machine.
2. Make sure all tools are properly earthed.
3. Keep guards in place and in working order. If a guard must be removed for maintenance or cleaning, make sure it is properly replaced before using the machine again.
4. Remove adjusting keys and spanners. Form a habit of checking to see that the keys and adjusting spanners are removed from the machine before switched it on.
5. Keep your work area clean. Cluttered areas and workbenches increase the chance of an accident.'
6. Do not use in dangerous environments. Do not use power tools in damp or wet locations, or expose them to rain. Keep work areas well illuminated.
7. Keep children away. All visitors should be kept a safe distance from the work area.
8. Make workshop childproof. Use padlocks, master switches and remove starter keys.
9. Do not force the machine. It will do the job better and be safer at the rate for which it is designed.
10. Use the right tools. Do not force the machine or attachments to do a job for which they are not designed. Contact the manufacturer or distributor if there is any question about the machine's suitability for a particular job.

# GENERAL SAFETY RULES

11. Wear proper apparel. Avoid loose clothing, gloves, ties, rings, bracelets, and jewellery which could get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
12. Always use safety glasses. Also use face or dust mask if operation is dusty. Normal spectacles only have impact resistant lenses. They are not safety glasses.
13. Do not over-reach. Keep proper footing and balance at all times.
14. Maintain machine in good condition. Keep machine clean for best and safest performance. Follow instructions for lubrication and changing accessories.
15. Disconnect the machine from power source before servicing and when changing accessories or (if using a fixed base router) when mounting or remounting the motor.
16. To avoid accidental starting, make sure the switch is in the OFF position before plugging in the mains cable.
17. Never leave the machine running unattended. Turn the power off. Do not leave the machine until it comes to a complete stop.
18. Do not use any power tools while under the effects of drugs, alcohol or medication.
19. Always wear a face or dust mask if operation creates a lot of dust and/or chips. Always operate the tool in a well ventilated area and provide for proper dust removal. Use a suitable dust extractor.

# ADDITIONAL RULES FOR ROUTER TABLE

1. Always hold the workpiece against the fence.
2. Never perform any "free hand" operation. Do not use your hands to support or guide the workpiece. Always use the screw down clamp to secure the workpiece for cutting.
3. Feed the workpiece to the router bit against the rotating direction.
4. Never draw the workpiece back during cutting. Wait until the router bit stops before drawing back the workpiece.
5. Make sure the portable router has been installed securely before starting the machine.
6. Make sure the router bit is locked securely before operating.

# SPECIFICATION

Main table surface	780 x 250mm
Sliding table surface	784 x 310mm
Table tilt	45°
Table inserts	external diameter 100mm Internal diameter 60mm 30mm
Table height	850mm
Fence size (each side)	270 x 50mm
Dust hood outlet diameter	2.5"
Net weight	56kg
Gross weight	59kg
Package dimensions	88 x 65 x 21mm

# FEATURES

Can be used with any portable router in the ¾ to 5 HP range

Table can be tilted to 45°

Precision ground tables

Sliding table fitted with a clamp for securing workpiece

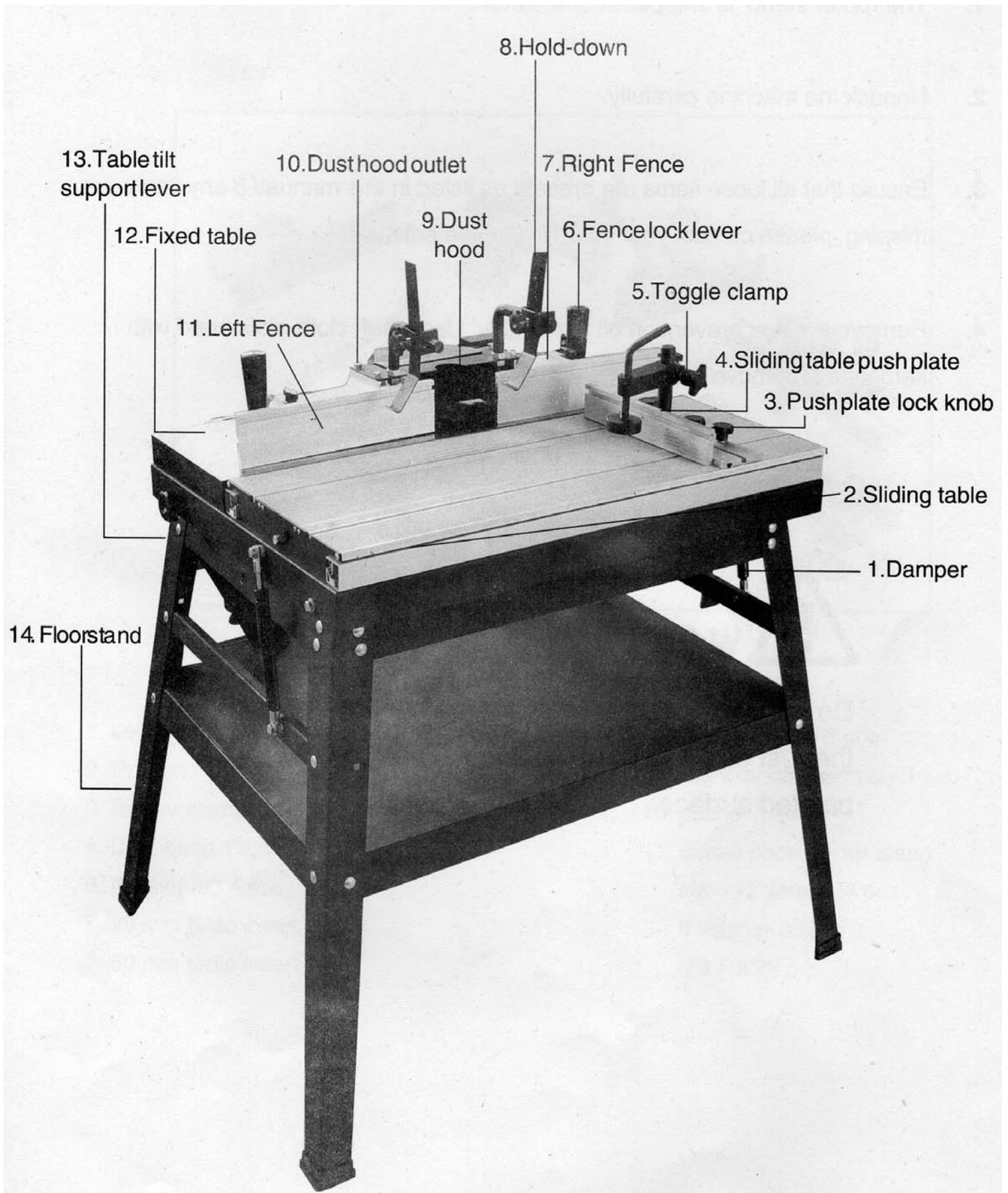
Precision, micro-adjustable fence

Individually adjustable fence faces for planing cuts

Sliding table for easier cutting

Hold-downs and featherboard supplied as standard

# DIAGRAM



# UNPACKING THE ROUTER TABLE

All parts are packed in one carton

Unpack the parts carefully and check that everything is present, using the parts list on page 14. If anything is missing contact your dealer immediately.

The cast iron table is coated with a layer of grease to prevent rust. This is easily removed with a soft cloth moistened with paraffin.



## Warning

Do not use petrol, thinners or paint stripper to remove grease as these substances may damage the paint finish.



# ASSEMBLING THE FLOOR STAND

*Important: All nuts and bolts should only be fastened finger tight until assembly is complete.*

Lay out the four legs, three top rails, two intermediate rails and two diagonal braces. Fix the legs to the tray ensuring that a leg with three additional holes is at the front right hand corner. These holes will be used to fix the NVR switch. Attach the top rails to sides and front. Note that the front rail sits inside the legs but on top of the side rails.

Fig. 1



Attach the intermediate rails to the legs at each side of the stand.

Attach the diagonal braces to the rear of the stand with the cut-out at the lower end and using the lower fixing hole at the top.

Fit the four rubber feet to the legs.

## FITTING THE TABLE TO THE STAND

Unwrap the table and remove the four nuts and washers from the blue side rails. Place two bolts with nuts and washers on the tray adjacent to the rear legs and two nuts and washers to secure the rubber buffers, adjacent to the front legs.

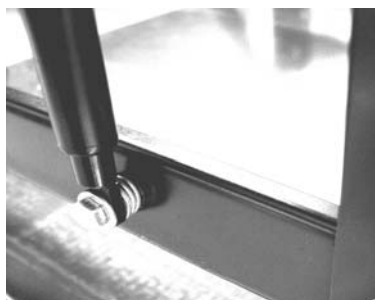
The table should now be lifted onto the stand. Be careful – it is heavy. It is easier if this is done by two people. Take care that you align the table correctly – the cast iron part goes to the back of the stand, i.e. the face with the diagonal braces.

Fit the bow handles next as they will provide you with a convenient grip while moving the table to align the fixing holes with those in the stand. They are bolted to the rear edge of the table. For safety reasons, the bolts used to fix the handles should be fully tightened.

Fit the stand to the table with two bolts at the front and the 2 bolts with rubber buffers at the rear. Square up the assembly and firmly tighten all the nuts and bolts that you have used.

Fig. 2

Fit the cylinder ends of the telescopic dampers to the intermediate rail using bolts, washers and self locking nuts. Note that there is 1 washer between the bolt head and the damper and 3 washers between the damper and the rail to allow clearance for the cylinder. Fit both lower ends before you start on the top.



Place 4 washers and one nut at each end of the tray. You will need them to be within easy reach when you fit the top of the damper to the table. Put 1 washer on the bolt and pass it through the hole in the damper. Add three more washers and then, using the handle, tilt the table so that the bolt can be passed through the hole in the side of the table assembly. Screw a self locking nut onto



this bolt.

**DO NOT ATTEMPT TO CLOSE THE TABLE WITH ONLY ONE DAMPER ATTACHED.**

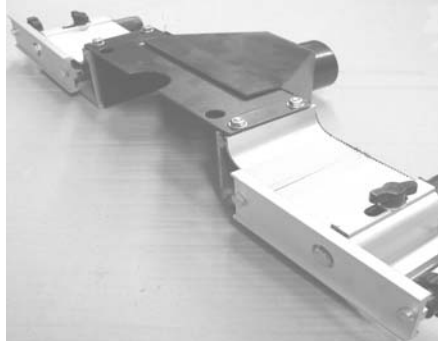
Fit the other damper to the table in the same way. Tighten all 4 self locking nuts but do not over tighten them. Remember that the dampers need to pivot.

With the table in its open position, tighten the four nuts and bolts holding it to the stand.

## ASSEMBLING AND ATTACHING THE FENCE

Slide the plastic dust hood onto the black, metal centre section of the fence. Fit the two side sections on to the centre sliding the heads of the four bolts fitted to the centre section into the tee slots of the outer sections. Attach the face plate by sliding the tee slot on the back over the tee slot bolts on the side sections. Note that the tee slot on the face plate should be at the top.

Fig. 4



Fit the 2 hold-downs as shown in fig. 5.

Fig 5

Attach the fence to the table with the 2 black, conical handles. These screw into the cast iron section of the table.



## INSTALLING YOUR ROUTER

Tilt the table to 45° and lock the sliding part with the 2 lock levers (See fig. 9.)

Screw each of the four clamping brackets into the underside of the table.

Offer up the router, centring the spindle in the aperture and lock it in place by tightening the brackets to the table. The small setscrews should be adjusted to suit the thickness of the router's base plate, in such a way that the surface of the bracket adjacent to the table is parallel to it.



Fig. 6

**Ensure that the router is fixed securely.**

## NVR SWITCH

Bolt the NVR switch to the front leg of the table and use this to connect your router to the mains.

## ADJUSTING THE FENCE

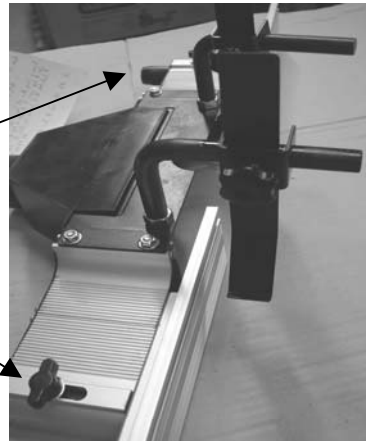
Fig.7

The faces of the fence can be individually adjusted by loosening the clamping screw and rotating the adjustment knob.

See fig. 7

Fence face adjustment knob

Fence face clamp



# SLIDING TABLE

Assemble the push block and clamp as shown in fig. 8. It is fixed to the sliding table with tee nuts which slide into the tee slots of the table. It can be adjusted to suit the workpiece. Always ensure that the metal is clear of the cutter. The use of a splch block is recommended.

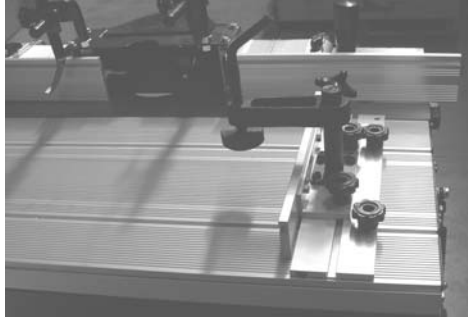


Fig 8

The sliding table can be locked by using the locking tabs at each end of the main table. See fig. 9



Fig. 9

## SETTING THE PUSH PLATE TO 45°

To set the push plate to 45° undo the inner locking knob', move the tee bolt from the middle hole to that nearest the fence and replace the knob. table

90° hole

45° hole

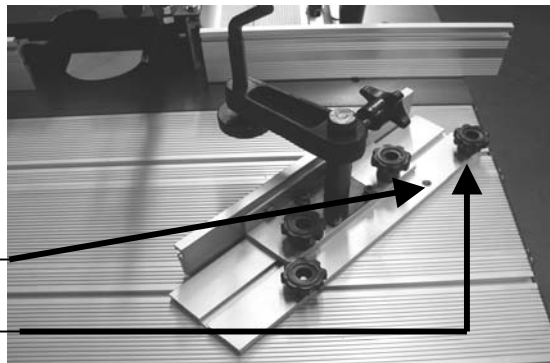


Fig. 10

# WORKING FROM THE BACK OF THE TABLE

When working with smaller pieces, it is possible to dispense with the sliding table, should the operator prefer to do so. This is achieved by reversing the fence and working from the rear of the table.

Fig.11

Undo the two fence fixing knobs, turn the fence through 180° and refix it using the two tapped holes nearest to the sliding table. This will often result in a more comfortable work position as the need to bend over the sliding table is eliminated.



## FEATHERBOARD

For safe and accurate routing a featherboard is supplied and this should be used wherever possible.

Fig. 12

The featherboard should be fitted to the appropriate tee slot in the sliding table.

See fig. 12



## COLLET EXTENSION

A half inch collet extension (CE12) is available to extend the lunge depth available from your router. As with all collet extensions, it should be kept in mind that these devices add to the lateral stress applied to the router's bearings. With this in mind, it is suggested that you take light cuts when using such a device and take particular care not to force the work past the cutter.





## PARTS LIST

Part No.	Description	Qty
111	Fence half	2
112	Sliding screw m6x20	6
113	Micrometric adjustment rod	2
114	Fence body	2
115	Fence body guard	2
116	Micrometric adjustment rod	2
117	Hold-down holder	2
118	Hold-down	2
119	L bar	2
120	Knob m8x16	2
121	Wing screw m10x20	2
122	Hexagonal socket head screw m10x45	2
123	Fence plate	1
124	Clamp holder	1
125	Dust hood	1
126	Short fence	1
127	Nut m12	4
128	Clamp plate	2
129	Knob nut m6	6
130	Heavy handle	2
131	Clamp bracket	1
132	Bracket	1
133	Clamp rod	1
134	Knob m6x20	1
135	Clamp plate	1
136	Round cross head screw m5x10	1
137	Hexagonal socket head screw m6x12	4
138	Hexagonal screw m10x 16	2
139	Anti-loose nut m6	4
140	Hexagonal screw m6x 12	6
141	Round cross head screw m5x12	26
142	Hexagonal screw m8x 25	4
143	Nut m5	8
144	Hexagonal screw m6x 20	2
145	Washer 5	1
146	Washer 6	50
147	Hexagonal screw m6x 25	10
201	Sliding table	1
202	Upper plate	2
203	Fixed table	1
204	Arched handle	2
205	Hexagonal socket head screw m6x20	4
206	Hexagonal screw m8x 20	4
207	Knob screw m8x30	2
208	Frame	1
209	Slide way	2
210	Middle bracket	1

Part No.	Description	Qty
211	Slide rail	2
212	Table right support	1
213	Fix piece	2
214	Damper	2
215	Table left support	1
216	45° positioning piece (optional)	2
217	Positioning piece (optional)	2
218	60mm insert plate	1
219	Guard	2
220	29mm Insert plate	1
221	Motor clamp piece	4
222	Hexagonal clamp shaft	4
223	Sliding screw m6x50	4
224	Hexagonal screw m6x 25	4
225	Hexagonal screw m8x 30	4
226	Thick washer 8	16
227	Hexagonal screw m6x 12	2
228	Round cross head screw m5x10	8
229	Hexagonal screw m6x 12	16
230	Nut m6	32
301	Floor stand	3
302	Front stand (fitted with switch)	1
303	Upper angle plate	2
304	Middle plate	1
305	Front upper angle plate	1
306	Right bracket	1
307	Washer 8	28
308	Nut m8	30
309	Hexagonal socket head screw m8x40	2
310	Washer 8	4
311	Nut m8	2
312	Pad	2
313	Anti-loose nut m8	6
314	Rubber leg	4
315	Screw m8x12	28
316	Left bracket	1
317	Switch (optional)	1
318	Switch box (optional)	1
319	Key socket (optional)	1
320	Power wire (optional)	1
321	Round cross head screw m6x40	2
322	Nut m6	4
323	Damper support	2
324	Round cross head screw m5x40	2

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