

14" BANDSAW

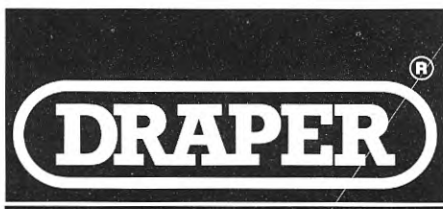
MODEL BS355A

STOCK No.36761

• INSTRUCTIONS •

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.





THE TOOL COMPANY

14" BANDSAW

■ MODEL BS355A ■ STOCK No.36761



THE TOOL COMPANY

SPECIFICATION

Whilst every effort has been made to ensure accuracy of information given in this manual is correct at the time of going to print, the Draper Tools policy of continuous improvement determines the right to change specification without notice.

Maximum cutting height	139mm (5½")
Throat depth.....	360mm (14")
Motor size	½HP induction
Blade length.....	1785mm (70¼")
Table size.....	400 x 400 (16 x 16")
Disc size	(152mm) 6"
Table tilt	0-45°
Disc table tilt	0-45°
Speeds (rpm).....	3 (160, 750, 1200)
Nett/gross weight	30/32kg
Typical sound pressure	70 db(A)

The typical sound pressure level of this machine is 70 db(A).



THE TOOL COMPANY

GUARANTEE

Draper machine tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for a period of 12 months from the date of purchase except where tools are hired out when the guarantee period is reduced to ninety days from the date of purchase.

Should the machine develop any fault, please return the complete tool to your nearest authorized warranty repair agent or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England. Telephone: (01703) 266355.

If upon inspection it is found that the fault occurring is due from defective materials or workmanship, repairs will be carried out free of charge. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident, or repairs attempted or made by any personnel other than the authorized Draper warranty repair agent.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorized.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the 12 month period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited

SAFETY WARNING

WARNING

Please read the following instructions carefully, failure to do so could lead to serious personal injury.

IMPORTANT

Draper Tools Limited recommends that this machine should not be modified or used for any application other than that for which it was designed. If you are unsure of its relative applications do not hesitate to contact us in writing and we will advise you.

GENERAL SAFETY INSTRUCTIONS FOR MACHINE TOOLS

1. KNOW YOUR MACHINE TOOL

Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.

2. KEEP GUARDS IN PLACE

and in working order.

3. REMOVE ADJUSTING KEYS AND WRENCHES

Form a habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

4. KEEP WORK AREA CLEAN

Cluttered areas and benches invite accidents. Floor must not be slippery due to oil or sawdust.

5. AVOID DANGEROUS ENVIRONMENT

Do not use power tools in damp or wet locations or expose them to rain. Keep work area well lit. Provide adequate surrounding work space.

6. KEEP CHILDREN AWAY

All visitors should be kept a safe distance from work area.

7. MAKE WORKSHOP CHILDPROOF

- with padlocks, master switches, or by removing starter keys.

8. DO NOT FORCE TOOL

It will do the job better and safer at the rate for which it was designed.

9. USE RIGHT TOOL

Do not force tool or attachment to do a job for which it was not designed.

10. WEAR PROPER CLOTHING

Do not wear loose clothing, gloves, neckties or jewellery (rings, wristwatches) to catch in moving parts. NON SLIP footwear is recommended. Wear protective hair covering to contain long hair. Roll long sleeves above the elbow.

11. USE SAFETY GOGGLES (Head Protection)

Wear safety goggles (that comply to a recognised standard) at all times. Normal spectacles only have impact resistant lenses, they are NOT safety glasses. Also, use face or dust mask if cutting operation is dusty and ear protectors (plugs or muffs) during extended periods of operation.

12. SECURE WORK

Use clamps or a vice to hold work. This frees both hands to operate tool.

13. DO NOT OVERREACH

Keep proper footing and balance at all times.

14. MAINTAIN TOOLS WITH CARE

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

15. DISCONNECT POWER TO THE TOOLS

Before servicing, when changing accessories such as cutters etc.

16. AVOID ACCIDENTAL STARTING

Make sure switch is in 'OFF' position before plugging in cable to the power supply.

17. USE RECOMMENDED ACCESSORIES

Consult the owner's manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.

18. NEVER STAND ON TOOL

Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted. Do not store materials above or near the tool such that it is necessary to stand on the tool to reach them.

19. CHECK DAMAGED PARTS

Before further use of the tool, a guard or other part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function. Check for alignment of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

20. DIRECTION OF FEED

Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.

21. NEVER LEAVE MACHINE RUNNING UNATTENDED

Turn power off. Do not leave machine until it comes to a complete stop.

ADDITIONAL SAFETY RULES FOR BANDSAWS/DISCS AND STRIP SANDERS

1. Place the blade guard to within approximately $\frac{1}{8}$ " above the material being cut.
2. Always keep hands and fingers away from the saw blade, especially at the end of a cut.
3. Use a push stick or piece of scrap wood to do the pushing and guiding when sawing small pieces which require the fingers to be close to the saw.
4. Stop the machine before removing scrap pieces from the table.
6. Make all adjustments and set ups with the power off, such as tilting the table, adjusting the saw blade guards, blade guides, and sanding table.
7. Adjust the blade tension and the blade tracking when the power is off.
8. The cover housing must be in place and securely fastened when performing any operation.
9. Securely lock all adjustable parts so they cannot loosen. This will prevent distraction from the operation.
10. When sawing curves, make relief cuts to allow removal of scrap material. This will help prevent undue twisting or binding of the saw blade. The relief cuts are made before starting the curved saw cut.
11. Hold material firmly and feed into the blade at a moderate speed.
12. Be sure to use the correct blade size and type.
13. Do not saw any material that does not have a flat surface, unless a suitable support is used.
14. Keep open flame and high temperature tools such as soldering irons and blow torches away from bandsaw housing. Like most plastic materials, it will melt or burn.
15. Permanently fix your bandsaw before performing cutting operations. (see 'Fastening to a Workbench', page 8).
16. Unit must not be operated as a bandsaw without the sanding disc guard in place.
17. Unit must not be operated as a disc sander without sanding table being attached.
18. Always adjust the sanding table to within $\frac{1}{16}$ " of the disc to avoid pinching workpiece or fingers between table and the disc.
19. If the belt or disc fray somewhat, trim frayed ends to prevent distraction.
20. Hold material firmly against table and exert moderate pressure against disc or belt. Pressing hard will not remove material faster.
21. Be sure to use proper type belt or disc of correct grit size for job.
22. Do not wet abrasive. Water entering tool could result in electrical shock hazard.
23. Use in well ventilation area to minimize airborne dust. Use of vacuum cleaner is recommended.
24. Do not use for sanding transite, asbestos, paint or other hazardous materials or materials that create hazardous dust.
25. Do not sand magnesium. Magnesium dust is highly flammable.
26. Repair or servicing required on this product should be made only by a factory authorized service agent or by a properly trained repair technician. When servicing use only identical replacement parts.

POWER SUPPLY

CONNECTING YOUR MACHINE TO THE POWER SUPPLY: (240V ONLY)

To eliminate the possibility of an electric shock your machine has been fitted with a BS approved, non rewirable moulded plug and cable which incorporates a fuse, the value of which is indicated on the pin face of the plug. Should the fuse need to be replaced an  approved BS1362 fuse must be used of the same rating, marked thus . The fuse cover is detachable, never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug (i.e. red). Fuse covers are available from your Draper Tools stockist.

If the fitted plug is not suitable, it should be cut off and destroyed. *The end of the cable should now be suitably prepared and the correct type of plug fitted. See below.

*WARNING:

A plug with bare flexible wires exposed is hazardous if engaged in a live power socket outlet.

WARNING: THIS APPLIANCE MUST BE EARTHED.

Green and Yellow - Earth, Blue - Neutral, Brown - Live.

As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.:

The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter 'E' or by the earth symbol  or coloured green or green and yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black or blue.

The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red or brown.

N.B. Three phase machines must be connected by a qualified electrician.

EXTENSION LEAD CHART:

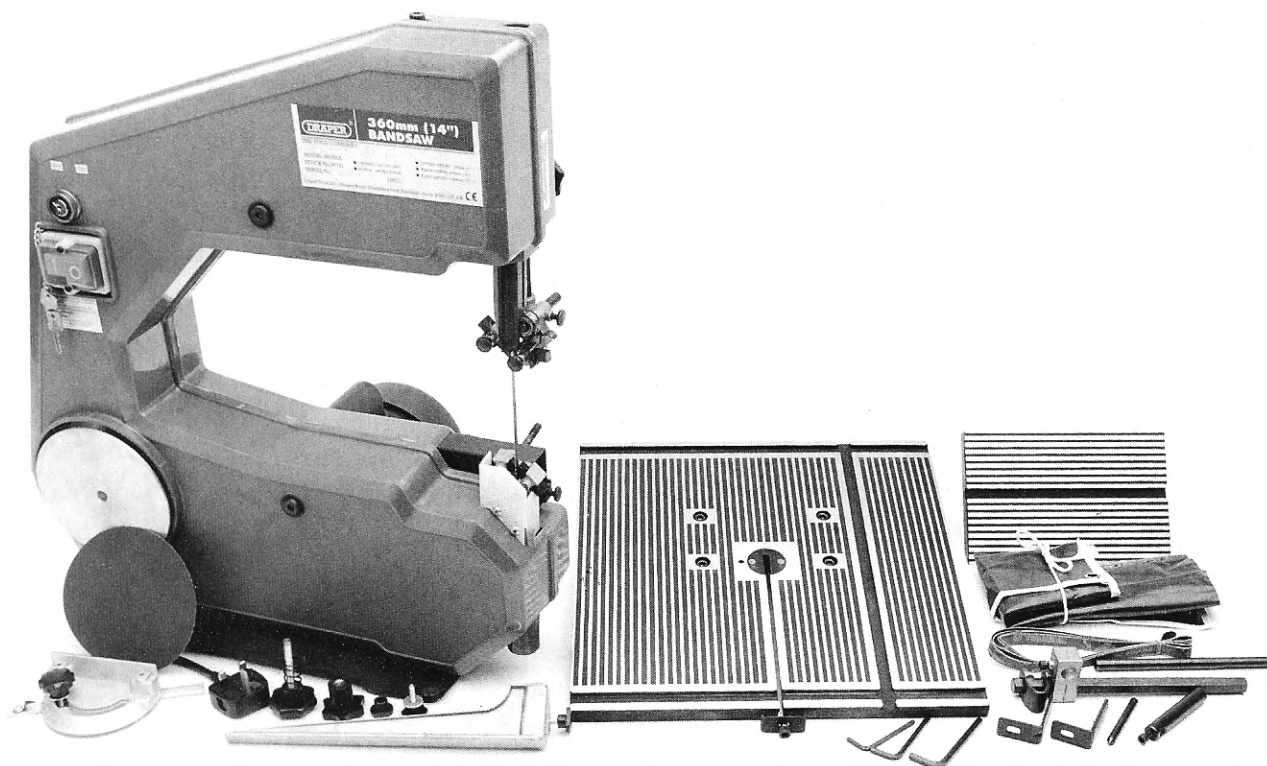
Extension lead sizes shown assure a voltage drop of not more than 5% at rated load of tool.

Ampere rating (on Name plate)	3	6	10	13
Extension cable length	Wire Size mm ²			
7.5m	0.75	0.75	1.0	1.25
15m	0.75	0.75	1.0	1.5
22.5m	0.75	0.75	1.0	1.5
30m	0.75	0.75	1.25	1.5
45m	0.75	1.25	1.5	2.5

UNPACKING

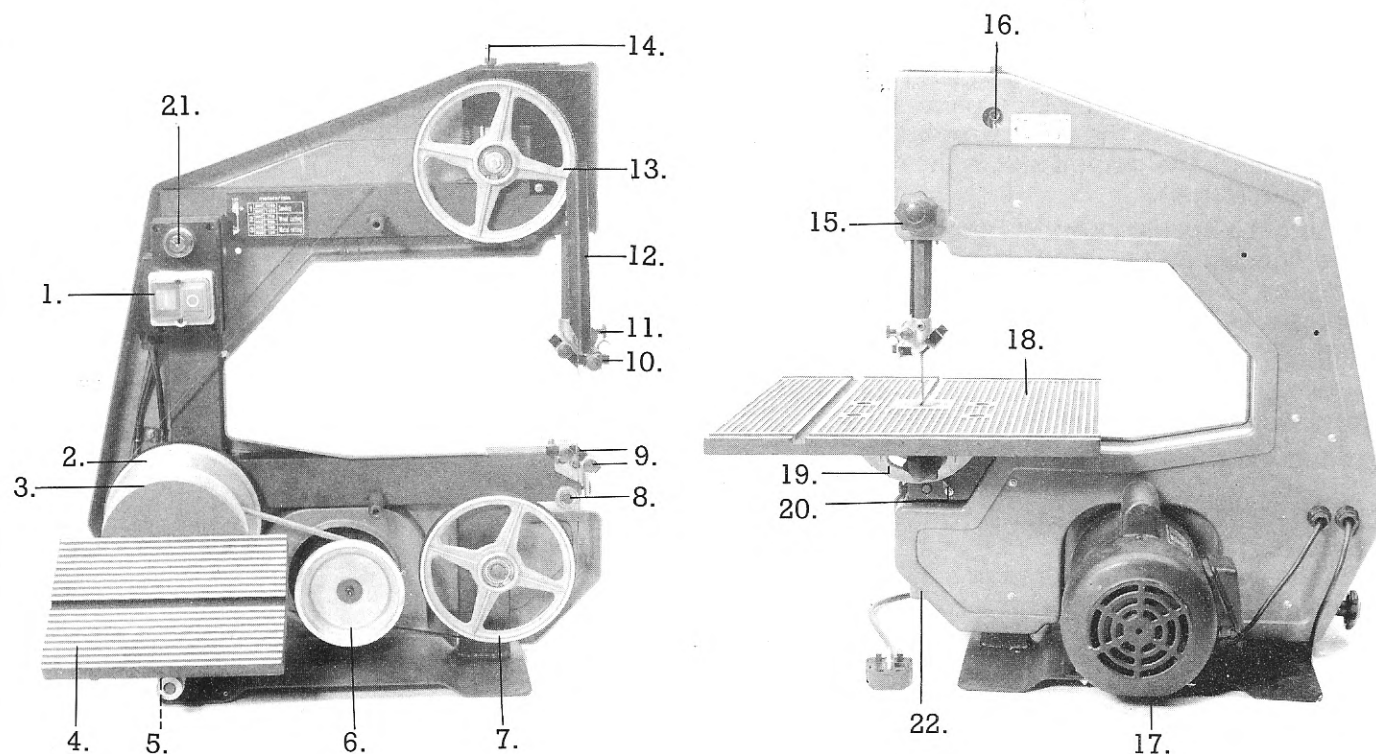
Carefully unpack the bandsaw and all the loose parts from the carton. Fig.1 illustrates the bandsaw and all the associated parts that are packed in the carton. Check that all the parts are present. If any parts are damaged or missing please call the Draper Power Helpline on (01703) 266355.

Fig.1.



KNOWING YOUR BANDSAW

Fig.2.



- 1. No volt switch
- 2. Drive wheel and sanding disc.
- 3. Sanding guard (not shown).
- 4. Sanding table.
- 5. Sanding table lock knob.
- 6. Motor pulley.
- 7. Idler wheel.
- 8. Lower back bearing.
- 9. Lower blade guides.
- 10. Upper blade guides.
- 11. Upper back bearing.

- 12. Blade guard.
- 13. Tracking wheel.
- 14. Tension bolt.
- 15. Blade guard lock knob.
- 16. Tracking bolt.
- 17. Motor.
- 18. Worktable.
- 19. Tilt indicator.
- 20. Table lock knob.
- 21. Power on/off switch lock.
- 22. Sawdust extraction outlet.

ASSEMBLY

Your bandsaw is supplied assembled except for the work and sanding table. To assemble the worktable to the bandsaw:

1. Remove the table lock knob (A), spring (B) and spring support bush (C) from the table support at the rear of the bandsaw. (Fig.3).
2. Remove the hex. soc. head table alignment screw and clamp from the underside of the worktable. Standing at the rear of the bandsaw with the slot of the table facing the machine, fix the table so that the blade passes through the table slot, and the table support rod (D) goes through the curved slot in the tilt indicator. (Fig.4).
3. Replace the spring support bush (C) with the large flanged end facing towards the tilt indicator.
4. Place the spring (B) over the spring support bush (C).
5. Screw the lock knob (A) onto the table support (Fig.5).
6. Re-fit table alignment screw and clamp.

FASTENING TO WORK BENCH (fixing bolts not supplied)

Your bandsaw should be bolted to a solidly built work bench. Mounting holes are provided in the base of the machine. Large flat washers should be used between the bolt heads and the base to fasten more securely and prevent any damage to the bandsaw. Tighten snugly but do not overtighten.

SPEEDS

Your bandsaw is equipped with pulley steps for three speeds, adequate for all normal working requirements. Always use low speed for curving nonferrous metals-medium and high speeds are used for other materials, depending on blade type.

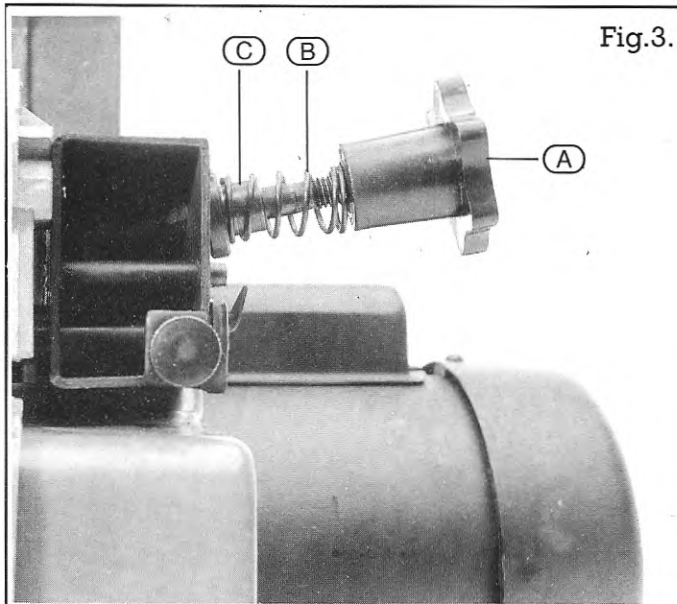


Fig.3.



Fig.4.

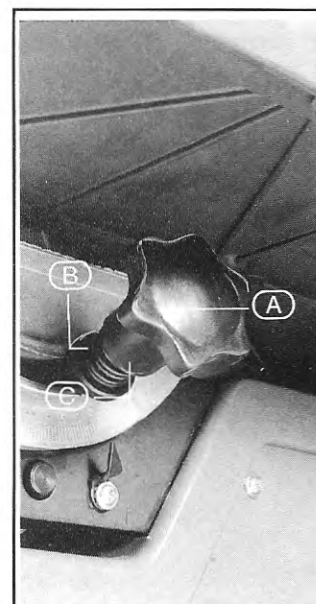
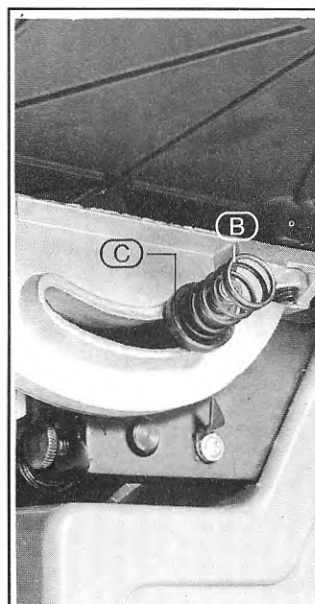


Fig.5.

WORKTABLE

The worktable is a 400mm x 400mm aluminium die casting. It supports the material being cut and is grooved to accept a mitre guide and rip fence. The rip fence can be attached to both the front and rear of the table. The table can be tilted to any angle from 0-45° making possible a large variety of bevel and compound angle cuts. The tilt indicator beneath the table shows the angle setting. The centre of the worktable is protected with a table insert, easily and economically replaced if damaged.

MOTOR

A ½ HP ball-bearing induction motor is fitted to the bandsaw-powerful enough for all your operating needs.

SAWDUST EXTRACTION OUTLET

It is not essential that this is used, however if required it can be connected to a vacuum cleaner which will provide fast and efficient removal of sawdust from your machine. The vacuum cleaner maybe used continuously or intermittently depending upon your requirements.

INTERNAL CONSTRUCTION

The three-wheel construction of this bandsaw makes possible the 360mm throat and 140mm depth of cut capacity within a compact bench mounted unit.

The drive wheel is powered by a belt from the motor pulley. Both the drive wheel and idler wheel are fixed in position and do not require adjustment.

The tracking wheel can be adjusted to centre the blade on the three wheels when running. Because of the self-tensioning feature of this bandsaw, frequent tracking adjustments are not required. Each wheel is fitted with a rubber tyre to prevent the blade from slipping and to protect the sharp edges of the blade teeth. These tyres are easily replaced if they become torn or worn.

TIPS ABOUT BANDSAW BLADES

The size of a bandsaw blade is denoted by width, length and thickness. This bandsaw uses blades which are 1783mm long, 0.4mm thick and from 6mm to 13mm wide. The number of teeth per inch and the type of tooth determines the application of the blade.

A wide choice of blades is available for different jobs. There is no general purpose bandsaw blade which is suitable for all operations. Narrow blades will cut to a tighter radius than wider blades. Finer toothed blades will make a smoother, but slower, cut than coarse blades. As a wide blade has more contact with the blade guides it is easier to cut a true straight line than with a narrow blade. This is particularly important in rip-cutting when the blade has a natural tendency to follow the grain of the wood.

Blades for cutting hard materials have more teeth per inch. For cutting thin hard materials the number of teeth per inch needs to be much greater than for the thicker material. If the distance between each tooth is greater than the thickness of the material being cut, the teeth may grab in the work and break off.

The following chart shows recommended blade widths for cutting curves.

Width of Blade	Min. Radius of Curve
6mm ¼"	13mm ½"
10mm ⅜"	25mm 1"

Since it is nearly impossible to resharpen blades, discard all blunt blades. Never attempt to use a bent or cracked blade.

CHANGING BLADES

1. Turn the main power switch off and disconnect from the power supply.
2. Remove front cover.
3. Remove the upper blade guard (E) loosen locking screw (F) and adjust the upper support bearing (G) away from the blade (Fig. 7).
4. Loosen the upper and lower blade guide locking screws (H) and move the blade guides away from the blade (Fig.8).
5. Loosen locking screw (I) and adjust the lower support bearing (J) away from the blade (Fig.9).
6. Using the hex key supplied (K) turn the blade-tensioning bolt (L) clockwise to decrease the blade tension (Fig.9).
7. Remove the old blade. Slip the new blade over the three wheels, placing the blade as close as possible to the centre of the wheels.
8. Turn the tensioning bolt (L) anticlockwise until the blade is tensioned.
9. Rotate the idler wheel by hand until the blade centres correctly on all three wheels. If the blade does not track correctly, adjust the tracking bolt (M) while rotating the idler wheel until it does so (Fig.10).
10. Adjust the top (G) and bottom blade support bearings (J) so they are just touching the rear of the blade and lock in place.
11. Adjust the blade guides so there is a gap of approx. 1mm between each guide and the blade and lock in place.
12. Reassemble the blade guard (E).
13. Replace the front cover.

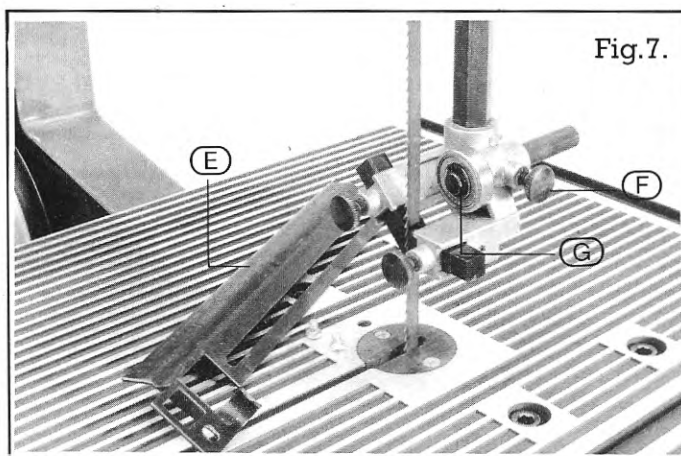


Fig.7.

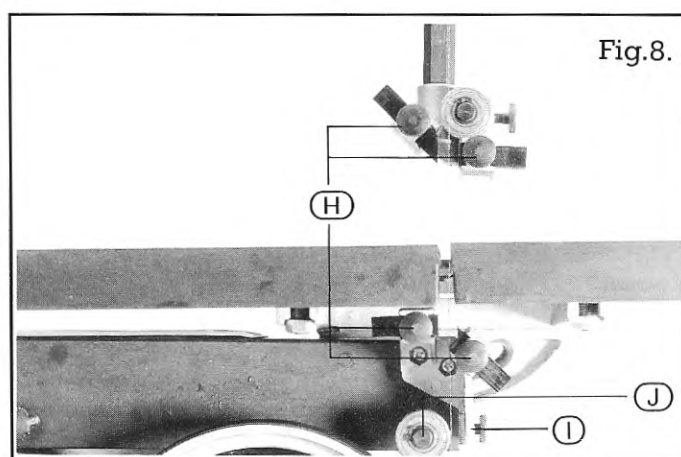


Fig.8.

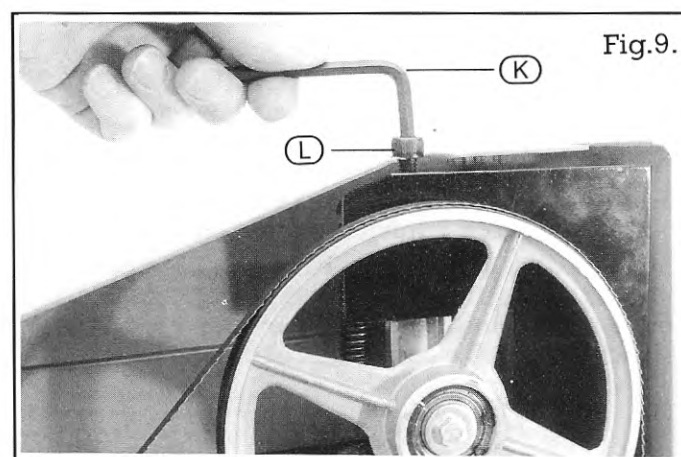


Fig.9.

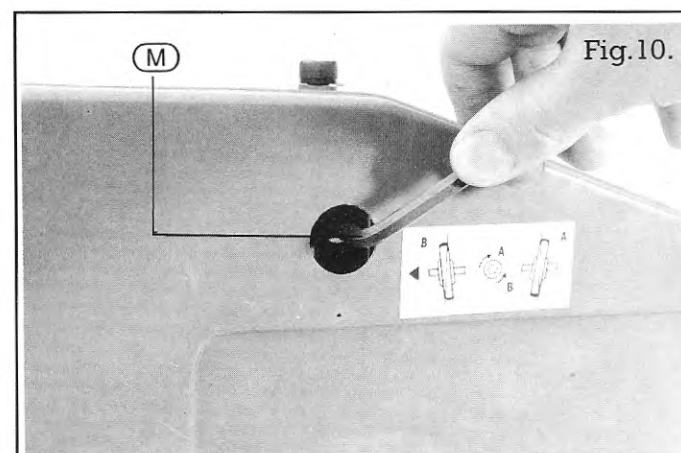
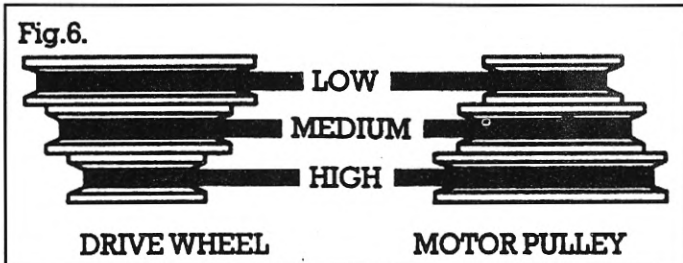


Fig.10.

CHANGING SPEEDS

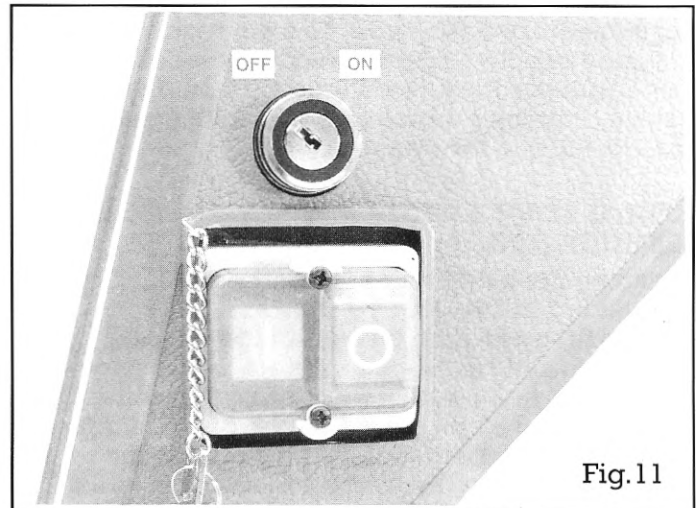
1. Turn the main power switch off and disconnect from the power supply.
2. Remove the front cover.
3. Refer to Fig.6. and check which pulley steps to use for the desired speed and adjust as required.
4. Change the belt on the pulley or drive wheel which allows you to move it from a larger diameter step to a smaller step.
5. Replace the front cover.



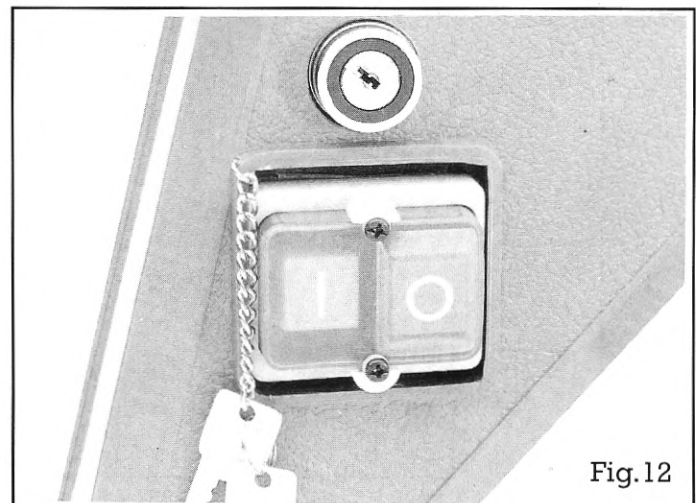
Actual speeds are shown on the bandsaw name plate.

ON-OFF SWITCH

When key is in the off/locked position it will prevent unauthorized operation of the bandsaw.



The bandsaw is fitted with a no volt switch. In the event of a power supply failure the bandsaw will have to be manually re-started.



USE OF ACCESSORIES

MITRE GUIDE (FIG.13)

Most crosscut work, especially with small pieces is more easily controlled with the use of a mitre guide (P).

The mitre guide is also essential for accurate mitre and compound mitre cuts. The guide is graduated to 45° for both left and right hand angles.

RIP FENCE (Fig.14)

True straight line rip cutting is best done by guiding the work against the rip fence (O). On this bandsaw the fence can be attached to both the front and rear of the worktable. The fence can also be used for cutting off to exact widths.

A width of cut indicator on the worktop of the bandsaw shows accurately the cut to the right hand side of the blade.

CIRCLE CUTTING ATTACHMENT (Fig.15)

The circle cutting attachment (Q) mounts on the arm of the upper guide block (R). Accurate circles can be cut with a radius of 50 mm to 200mm.

Make the first cut to the perimeter of the circle freehand before setting the pivot pin (S) of the attachment into the work. The pivot pin must be aligned exactly to the right of the blade tips. If the pivot is too far back the blade will run outside the desired circumference-if too far forward, the blade will run inside.

USING YOUR BANDSAW AS A POWER BELT SANDER (FIG.16)

Remove the blade and fit a sanding belt (T) as explained in CHANGING BLADES (page 10). However, make sure that the blade support bearings and blade guides, both upper and lower, are well clear of the abrasive sanding belt. Two sanding stops are available, one straight and one slightly curved. Screw the stop into the threaded hole in the worktable near the table insert with the hex. screws provided with the sanding kit. Adjust the stop so that the belt just rests against it.

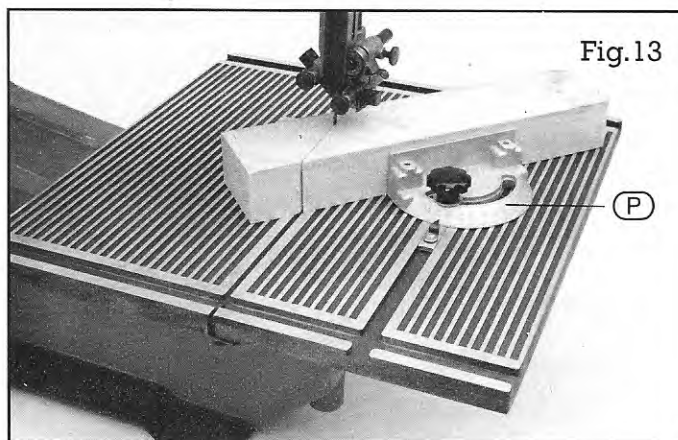


Fig.13

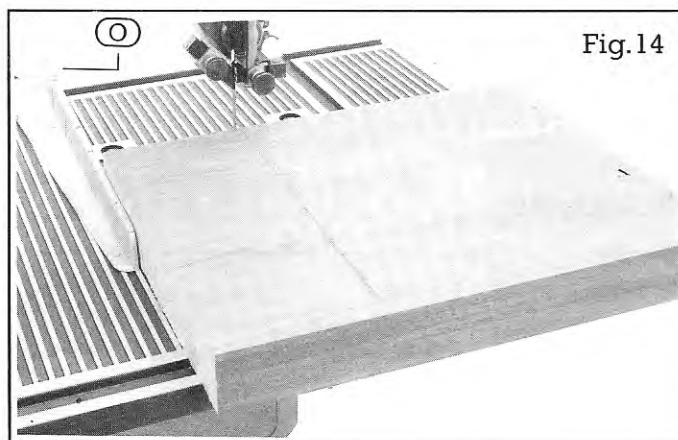


Fig.14

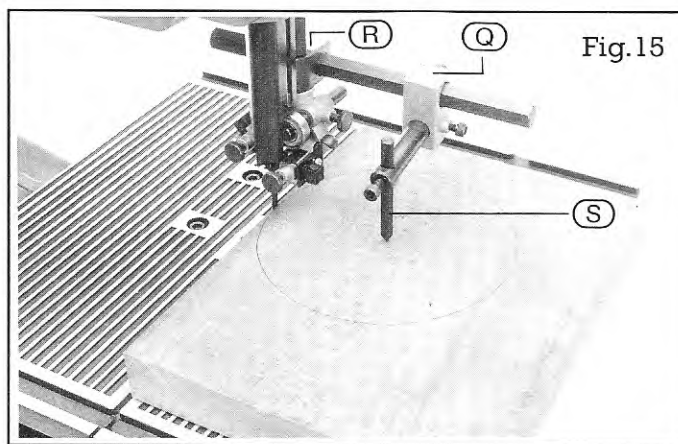


Fig.15

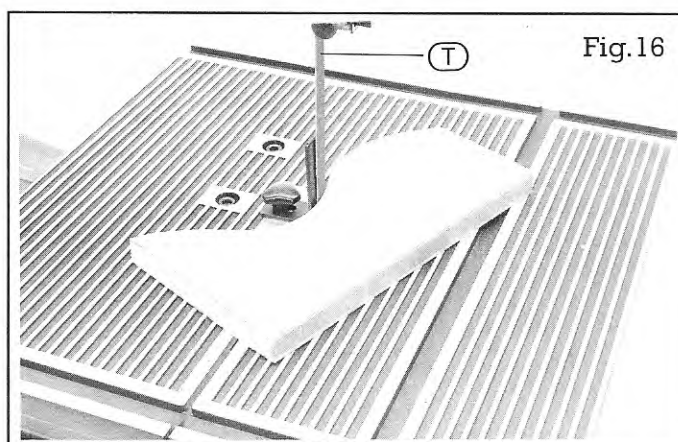


Fig.16

USING YOUR BANDSAW AS A POWER DISC SANDER

Fig.17

Remove the saw blade as explained in **CHANGING BLADES** (page 10).

Remove the sanding disc guard from the front cover. Mount the support rod (U) of the sanding table through the hole under the sanding disc. Tighten the table lock knob at the left hand side of the bandsaw until the table is held firmly.

The sanding table is ribbed in the same way as the bandsaw worktable, to keep saw dust below the working level. The sanding table is also slotted for use with the mitre guide supplied with your bandsaw. The sanding table can be tilted to 45° for bevel and compound mitre sanding.

For best results in disc sanding, set the bandsaw at high speed. (See **CHANGING SPEEDS** page 11.)

Replacement sandpaper discs are available from the Draper stockist (see **Optional Accessories**, page 15) where the bandsaw was purchased. They can be obtained in four grits and are self-adhesive so that no glue is required to fix them to the aluminium disc.

When the sanding disc is not in use always

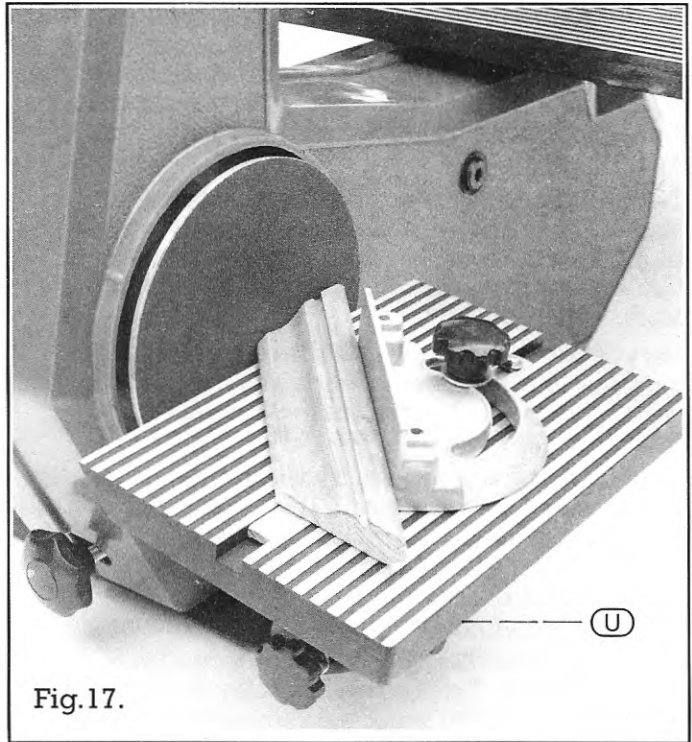


Fig.17.

MAINTENANCE

BEFORE CARRYING OUT ANY SERVICING OR MAINTENANCE, DISCONNECT FROM THE POWER SUPPLY

CHANGING TYRES

Eventually the rubber tyres on the bandsaw wheels will wear due to the constant contact of the sharp teeth of the blade. Lift the edge of the tyre with a small screwdriver and the tyre can be worked off the wheel easily. We recommend that all three tyres be changed at the same time.

BLADE GUIDES

Blade guides should be inspected regularly for wear or chipping. When replacing guides replace all guides at the same time, both upper and lower.

BEARINGS

All bearings used in the construction of your bandsaw and its motor are sealed and lubricated for life.

CLEAN OUT

Accumulated dust and chips should be removed from inside the bandsaw frequently. Remove the front cover and use a brush or vacuum cleaner. At the end of every work session clean sawdust away from the motor vents.

TIPS ON USING YOUR BANDSAW

For all cutting operations the upper blade guard should be adjusted to just clear the work being cut. Not only does this provide the best operator safety, but it also brings the blade guides closer to the work giving more accurate results and easier control.

Use both hands to feed the workpiece to the blade. The work must be held flat on the table at all times to prevent binding of the blade. Use a steady even pressure just sufficient to keep the blade cutting.

Always use a rip fence or mitre guide where possible to eliminate any sideways slip of the work. This is most important when the table is tilted to an angle.

Always plan work ahead. The tradesmans rule is "measure twice, cut once". It is best to finish a cut in one continuous operation, but frequently backtracking will be necessary. Turn off the motor and allow the blade to come to a complete stop before backing the blade out of the cut.

Remember that the blade removes material during the cut. This gap created by the blade is called the kerf and must be allowed for when cutting to exact sizes. Plan your cut so that the kerf is the scrap side of the lines you wish to cut. If necessary, allow a little more for finish sanding.

RIP SAWING

This term refers to the cutting of the timber with the grain rather than at a right angle to the grain. You can rip wood freehand to a previously drawn line, but best results are obtained by using the rip fence. If the table is set at a level angle set the rip fence to the left hand side of the blade. This allows you to use your right hand to hold the work firmly against the fence. The width of cut indicator on the front of the worktable shows the distance between the blade and the right hand edge of the timber.

When cutting a bevel rip, with the table tilted at any angle up to 45°, set the rip fence to the right hand side of the blade if the width of the workpiece allows it.

With the fence on the downhill side of the table it

will help support the work against slip. The width of cut indicator shows the distance between the blade and the rip fence.

CROSS CUTTING

This term refers to cutting timber at right angles to the grain. This type of cut can also be made freehand but the mitre guide is used to ensure accurate results. The mitre guide can be adjusted to a 45° angle to produce mitre cuts, or with the table tilted as well, compound mitre cuts.

Make sure the work is held firmly against the table and against the face of the mitre guide. Be careful to keep your fingers away from the blade, particularly at the end of the cut.

The stop rod can be attached to the mitre guide to provide an end stop for cross cutting many pieces to the same width. The end stop is also very useful in supporting work when cutting with table tilted.

FREEHAND SAWING

The ease with which many different and varied shapes can be cut is one of the most important features of the bandsaw. Select a blade suitable for cutting the smallest radius in the work you have planned

When freehand cutting always feed the work slowly so that the blade can follow the line you wish to saw. Make sure not to drag the work off line forcing the blade sideways, or twisting it.

In many cases, it is helpful to rough cut about 6mm away from the line difficult curves and corners. In the case of very sharp curves which may be too tight for the blade, make relief cuts onto the face of the curve so that these scraps will fall as the final radius is sawn.

CUTTING NONFERROUS METALS

Metal must only be cut at the lowest speed on your bandsaw. Never attempt metal sawing at wood cutting speed - your blade will burn up very quickly.

Other than speed and correct blade selection, metal sawing is much the same as wood sawing. However, the rate at which you feed the work into the blade must be reduced to only as fast as the blade can cut.

Also, metals do not have the 'give' that timber has, so the work must be held very firmly to prevent twisting or misalignment of the blade while feeding.

OPTIONAL ACCESSORIES

A large range of bandsaw blades, sanding belts and sanding discs are available for your bandsaw to help you get the maximum use from your machine. Accessories are obtained from your Draper Power stockist. If you have any difficulty in obtaining accessories contact:
the Draper Power Helpline on (0703) 266355:-

BANDSAW BLADES

When purchasing blades from other sources ensure that the blade conforms to the relevant British standard and that the material is .4mm (.015") in thickness or less.

SANDING DISCS AND BELTS

Replacement sanding discs can be obtained in four grits. These discs are self-adhesive so that no glue is required to fix them to the aluminium disc. Sanding belts may be purchased in an assorted pack only consisting of 1 x 60, 1 x 80 and 1 x 120 grit.

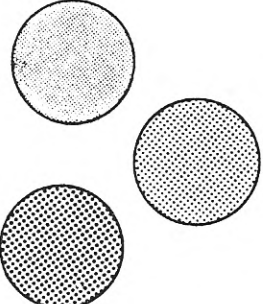
BANDSAW BLADES:

PART No.BB1785	STOCK No.	BLADE WIDTH	No. TEETH	APPLICATION
	25766	1/4"	6 skip	Wood/plastic
	25767	3/8"	6 skip	Wood/plastic
	25768	1/2"	6 skip	Wood/plastic
	25769	1/4"	24 TPI	Metal
	25770	1/2"	14 TPI	Wood/metal

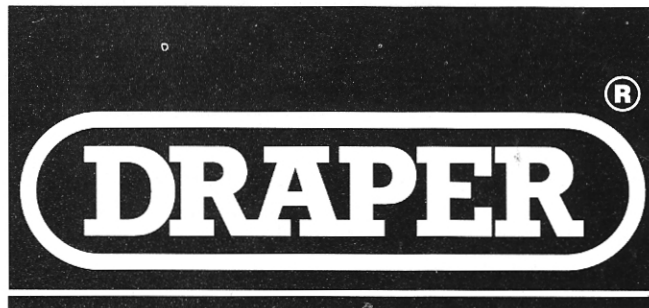
SANDING BELTS

PART No.SB1785	STOCK No.	GRIT GRADE	UNIT OF SALE
	25988	60, 80, 120	1 pack pf 3 assorted

SANDING DISCS

PART No.SD6	STOCK No.	GRIT GRADENO.OF DISCS PER PACK
	25971	60 6
	25972	80 6
	25973	100 6
	25974	120 6
	25975	1 X 60, 2 X 80 1 X 100, 1 X 120

DRAPER POWER HELPLINE - 01703 266355



THE TOOL COMPANY

DRAPER TOOLS LTD.

Hursley Road, Chandler's Ford,
Eastleigh, Hants. SO53 1YF. England.

Tel: (01703) 266355.

Telex: 47686. Fax: (01703) 260784.

YOUR DRAPER STOCKIST

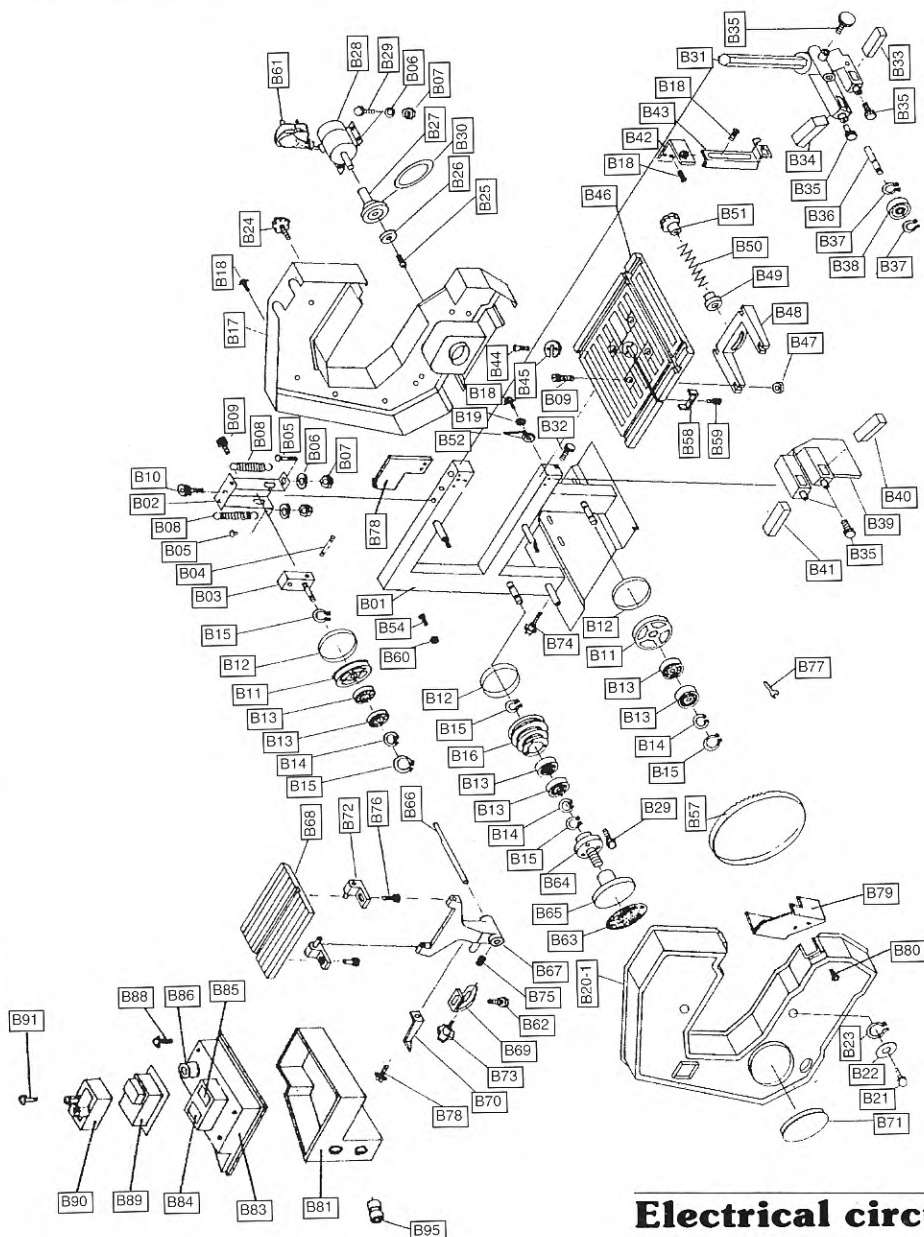
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14" THREE WHEEL BANDSAW

■ PART No.BS 355A ■ STOCK No.36761

PARTS DRAWING

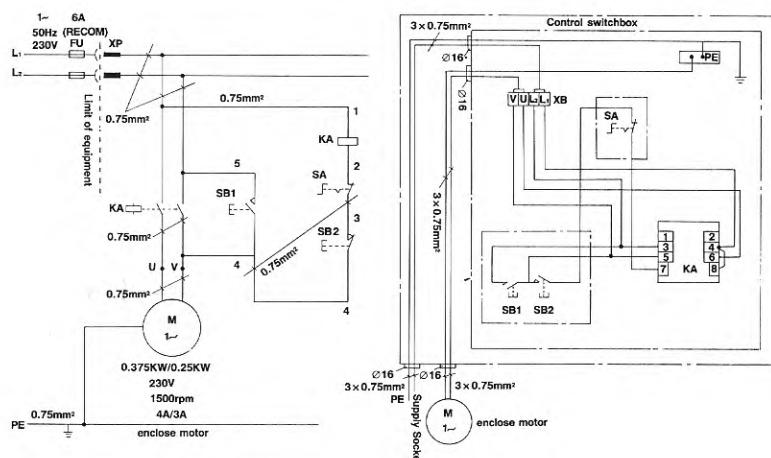
03/95



Electric components Parts list

Item Designation	Description & Function	Technical Data	Quantity
KA	Contactor-Relay	Coil 240 Vac. 10A	1
SB1	Push button-On	1 << a >>, green;	1
SB2	Push button-Off	1 << b >>, red;	1
SA	Select switch/Interlock	1 << b >>;	1
XB	Terminal Block	AC 380V; Max 10A, up to 1.5mm; 4 Pin	1
	Supply Cable	AC 600V; 10A; 3G/0.75 mm	1
M	Motor	0.25 or 0.37KW/ 230V IP 54	1

Electrical circuit diagram



POWER DIVISION HELP LINE: 01703 266355

DRAPER TOOLS LIMITED, HURSLEY ROAD, CHANDLER'S FORD, EASTLEIGH, HAMPSHIRE. SO53 1YF. ENGLAND.

14" THREE WHEEL BANDSAW

■ PART No.BS 355A ■ STOCK No.36761

SPARE PARTS LISTING

03/95

STOCK No.	PART No.	DESCRIPTION
30874	BO1-1	Frame
24460	BO2	Wheel Support
24461	BO3	Axle Block
24462	BO4	Pin
24463	BO5	Bolt
24464	BO6	Washer
24465	BO7	Nut
24466	BO8	Tension Spring
24467	BO9	Tracking Bolt
24469	B10	Tension Bolt
24470	B11	Idler Wheel
24471	B12	Wheel Tyre
24472	B13	Ball Bearing
24473	B14	Circlip
24474	B15	Circlip
24475	B16	Drive Wheel
24477	B17-1	Rear Cover
24478	B18	Screw
24479	B19	Washer
36816	B20-1A	Front Cover
30873	B21-1	Hex. Bolt
24482	B22	Washer
24483	B23	Circlip
24485	B24	Lock Knob
24486	B25	Socket Head Bolt
24487	B26	Pulley Hub
24488	B27	Motor Pulley
24489	B28	Motor
24490	B29	Bolt
24491	B30	Driver Belt
24493	B31	Upper Guide Block
24494	B32	Thumbscrew
24495	B33	Blade Guide
24496	B34	Blade Guide
24497	B35	Thumbscrew
24498	B36	Bearing Shaft
24499	B37	Circlip
24500	B38	Ball Bearing
24501	B39	Lower Guide Block
24502	B40	Blade Guide
24503	B41	Blade Guide
24504	B42	Blade Guide Support
24505	B43	Blade Guard
24506	B44	Screw
24507	B45	Table Insert
24508	B46	Worktable
24510	B47	Nut
24511	B48	Tilt Indicator
24512	B49	Spring Support Bush
24513	B50	Spring
24514	B51	Lock knob
24515	B52	Pointer
24516	B53	Cable Clamp (not shown)
24518	B54	Screw
See Draper Cat'.	B57	Blade
24522	A-1	Rip Fence Acc.
42523	A-1-1	Rip Fence
42524	A-1-2	Lock Knob
42536	A-2	Mitre Gauge Acc.

STOCK No.	PART No.	DESCRIPTION
24527	A-2-1	Mitre Gauge
24530	A-2-4	Pointer
24531	A-2-5	Ruler Complete
24532	A-2-6	Lock Knob
24534	A-2-7	Screw
24536	A-2-8	Washer
24537	A-2-9	Washer
24540	A-3	Circular Cutting Acc.
24542	A-3-1	Clamp
24543	A-3-2	Hex. Bar
24544	A-3-3	Slide
24545	A-3-4	Intermediate Pin
24546	A-3-5	Centre Pin
24547	A-3-6	Screw
24548	A-3-7	Screw
24549	A-4	Bolt Sanding Acc.
See Draper Cat'.	A-4-1	Sanding Belt
24524	A-4-2	Lock Knob
24552	A-4-3	Flat Plate
24553	A-4-4	Rounded Plate
24554	B18-1	Screw
24555	B58	Set Plate
24556	B59	Socket Head Bolt
24557	B60	Nut
30093	B61-YH05VVF3	5 amp moulded plug & cable
24560	B62	Hex. Bolt
See Draper Cat'.	B63	Sanding Paper
24562	B64	Spindle Hub
24563	B65	Aluminium Disc
24564	B66	Bracket Rod
24565	B67	Table Bracket
24566	B68	Sanding Table
24568	B69	Trunion
24569	B70	Pointer
24570	B71	Sanding Disc Cover
24571	B72	Pivot Mount
24572	B73	Lock Knob
24573	B74	Lock Knob
24574	B75	Set Screw
24576	B76	Socket Head Bolt
30872	B77	Open End Wrench
36796	B78	Wheel Guard
36797	B79	Low Guard
36798	B80	Screw
36799	B81	Switch Box Base
36800	B82	Scale Ring
36801	B83	Switch Box
36802	B84	Push Switch 1A
36804	B85	Push Switch 1B
36805	B86	Lock Switch
36806	B87	Key
36807	B88	Screw
36808	B89	Dust Cloak
36809	B90	Dust Cloak Cover
36810	B91	Screw
36812	B92	Relay
36813	B93	Wire Set
36814	B94	Terminal Block
36815	B95	Wire Support