

charnwood

Woodworking machinery at its best!

PRO SERIES

18" BANDSAW OWNERS MANUAL

MODEL: C18BX



CE

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GENERAL SAFETY RULES



WARNING: Do not attempt to operate the machine until you have thoroughly read and completely understood 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 switching 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 task.
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. 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 the machine in good condition. Keep the machine clean for best and safest performance. Follow instructions for lubrication and changing accessories.
15. Disconnect the machine from its power source before servicing and when changing the blade.
16. Never leave the machine running unattended. Turn the power off. Do not leave the machine until it comes to a complete stop.
17. Do not use any power tools while under the effects of drugs, alcohol or medication.
18. 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 BAND SAWS

1. Ensure that the saw table is clear of off-cuts, tools or anything else that might foul the work-piece.
2. When cutting long boards use one or more roller stand(s) to support the work or have a competent helper to support it as it feeds off the rear of the table.
3. Always make sure that the blade is tracked and tensioned correctly before starting to use the saw.
4. Always use a brush to clear the table of dust or debris. **NEVER** use your hands, especially when the machine is running.
5. Always ensure that the thrust bearings and/or guide blocks are correctly adjusted before using the saw.
6. **ALWAYS USE A PUSH STICK WHEN IT IS NECESSARY TO PUSH ANY PIECE OF MATERIAL OF SUCH SIZE THAT IT WOULD BRING YOUR HANDS WITHIN 30 CM OF THE BLADE.**
7. Do not cut material that is badly warped or which has screws or nails in it.
8. Be extra vigilant when cutting stock which has loose knots in it as these may fly out of the saw.
9. **NEVER** tilt the table when the saw is running.
10. To avoid exposure to hazardous dust, do not use this saw without connecting it to a suitable dust extractor.
11. Always work with a sharp saw blade and feed the work at a rate suited to the thickness and hardness of the material.
12. Do not try to operate the saw with the doors open. There are safety interlocks to prevent this. Do NOT try to override them.

Note: This band saw has been designed and built solely as a woodworking machine. Do not modify it in any way or use it for anything other than its designated purpose. Neither the manufactures nor the supplier are liable for any damage or injury caused by incorrect assembly, operation or electrical connection of this machine.

Important:



Risk of Injury!
Never reach into
the running saw blade.



Wear Eye
Protection



Wear Ear
Protection

C18BX Specification

Table size	500 x 660 mm (20" X 26")
Table height	965 mm (38")
Motor Input (Induction)	3000W (4hp) / 240v / 50hz
Blade length	3673mm (144.6")
Blade widths	3 - 27 mm (1/8" – 1")
Blade speeds (no load)	865 m/min
Maximum depth of cut at 90	400 mm (15.3/4")
Throat capacity	460 mm (18")
Throat Capacity with Fence	400mm (16")
Table Tilt	-7 degrees to +45 degrees
Mitre Guide T-Slot	19mm to 25mm (3/4" to 1")
Fence Height (Hi / Lo)	155mm / 12mm (6" / 1/2")
Dust extractor hose connection	2 x 100mm
Recommended Breaker Size	16 Amp (type C)
Min Extraction Airflow Required	1200 m3/hour
Weight (Gross / Net)	214kg / 202kg
Assembled Dimensions (W x D x H)	1040mm x 830mm x 2060mm
Assembly Time Required	30 Minutes (Needs 2 people)
Rating	Trade *

*Rating Description

Trade: Suitable for daily use by professional woodworkers.

Continuously rated, high power, and heavy-duty construction. Typically used by several different operators in a small or medium-sized business. Will be used up to the machines maximum limit with some long work periods. Expected maximum use of 1000 hours annually.

Unpacking



Please Note: Do not dispose of any packaging until the machine has been fully assembled and tested. In the unlikely event of a problem which requires the product to be returned, the packaging will need to be re-used.

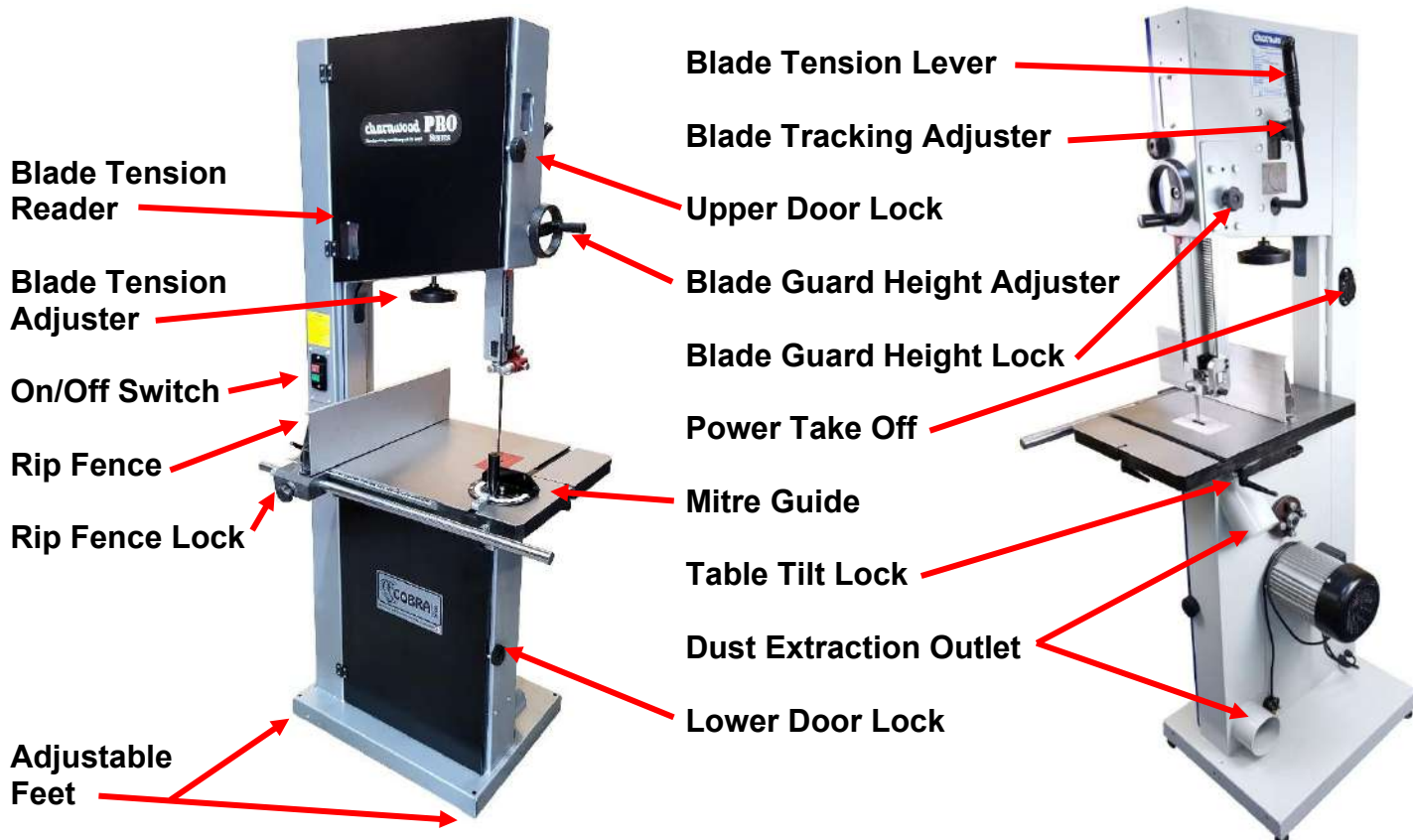
Cut the strapping, open the carton and remove all loose parts from the packaging.



Familiarise yourself with the components and read this manual.

Clean the grease off the table and all other components.

Charnwood C18BX Bandsaw



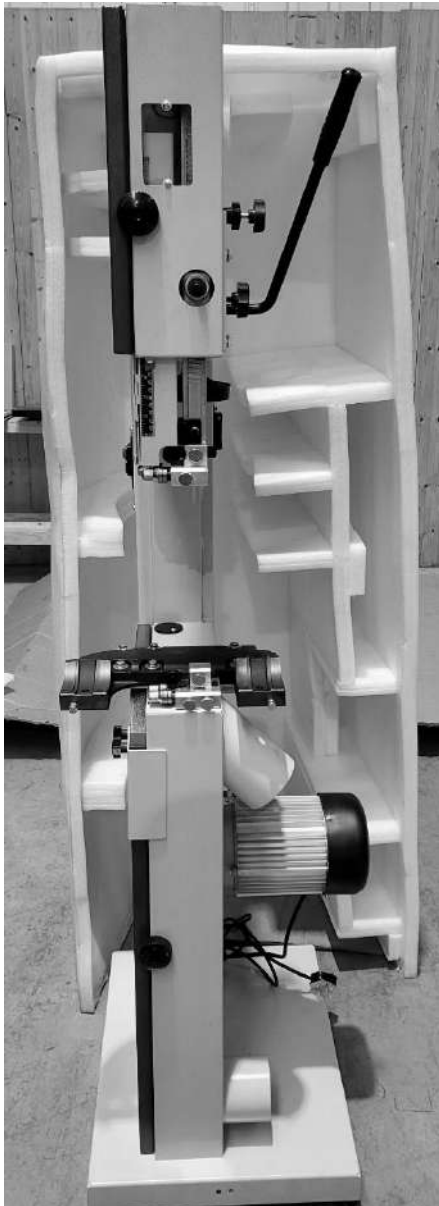
Assembly



Fit the Feet

Cut the end of the box away and remove the end foam packing piece.

Screw the 4 feet into the base.



Stand The Bandsaw upright

Cut the rest of the box away and lift the bandsaw from the top edge to stand it upright.

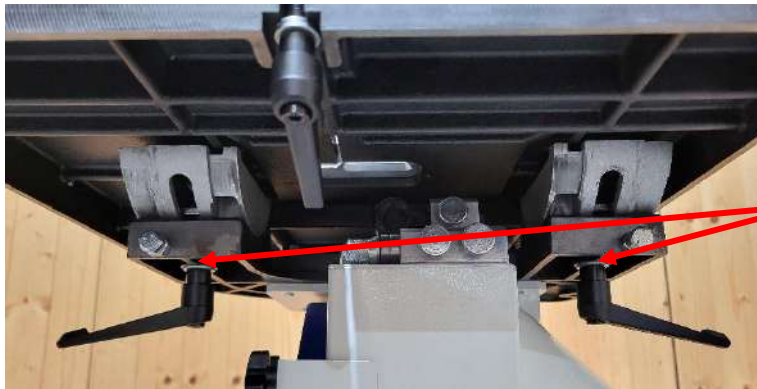
Tip: If the box is still on the pallet: Slide the machine forward from the carton by about 250mm before lifting.



Prepare The Table

Remove the Table and lay it down flat

Remove the 2 locking levers and washers



Mount The Table

Lift the Table up and onto the Table Trunnions

Ensure that the two fixing bolts are protruding down through the bottom of the Trunnions.

Replace the 2 locking levers and washers.



Prepare The Fence Carrier Rail

Remove 2 x M8 nut and washer from the Fence Rail Studs.



Mount The Fence Carrier Rail

Feed the 2 studs through the front face of the Table.

Refit 2 x M8 Nut and washer and tighten with a 16mm spanner.

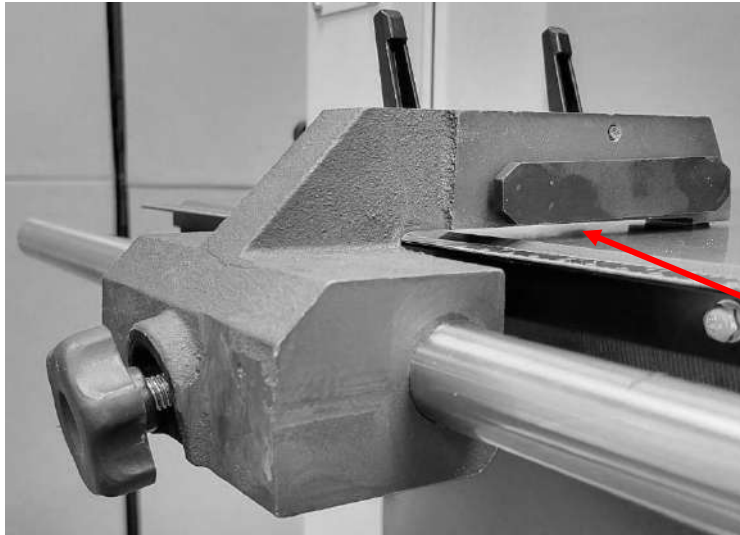


Prepare The Fence Bracket

Use a screwdriver to adjust the nylon screw on the underside of the Fence Carrier.

It should protrude a few mm beyond the bottom of the block.

It helps the fence assembly glide along the table.

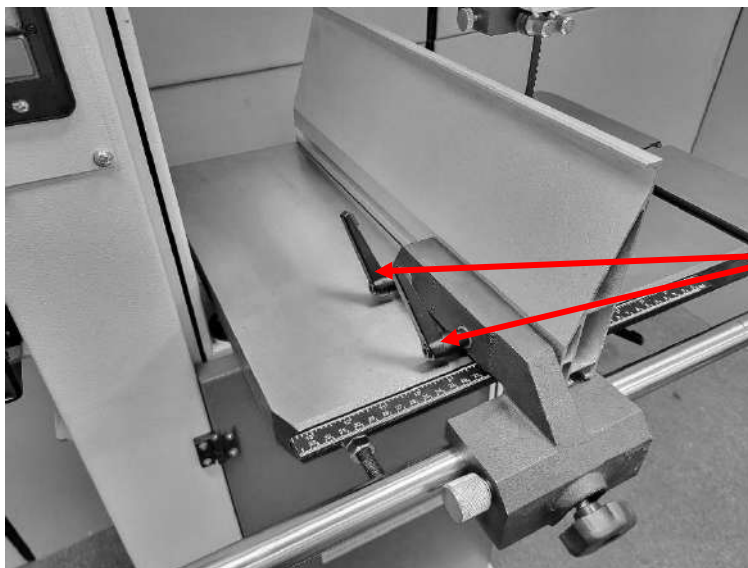


Fit the Fence Bracket

Slide the Fence Bracket onto the Fence Rail.

Set the Fence Rail so the Fence Carrier Sits level on the Table.

There should be a small gap underneath the flat base.



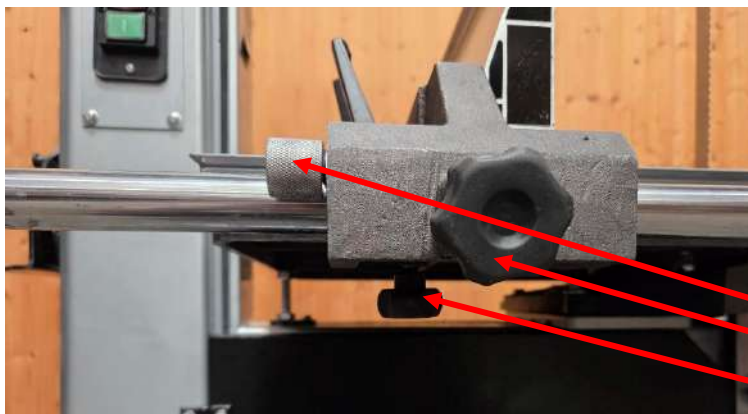
Fit the Fence Extrusion

Slide the Fence Extrusion onto the Fence Bracket so that the locking strip is engaged into the slot in the extrusion.

Lock in place using the 2 locking levers.

Note: The Fence Extrusion should be slightly raised so that it does not contact with the table.

The fence assembly should now run smoothly along the rail.



Using The Micro Adjuster

Slide the fence to the approximate setting required.

Tighten the Micro locking knob, Rotate the Micro Adjuster to make a small adjustment, tighten the main fence lock.

Micro Adjuster

Main Fence Lock

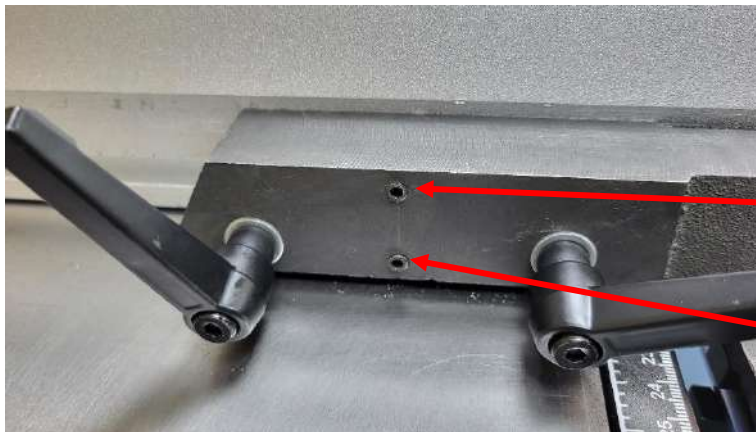
Micro Fence Lock



Vertical Adjustment Of Fence

Check the vertical alignment of the fence.

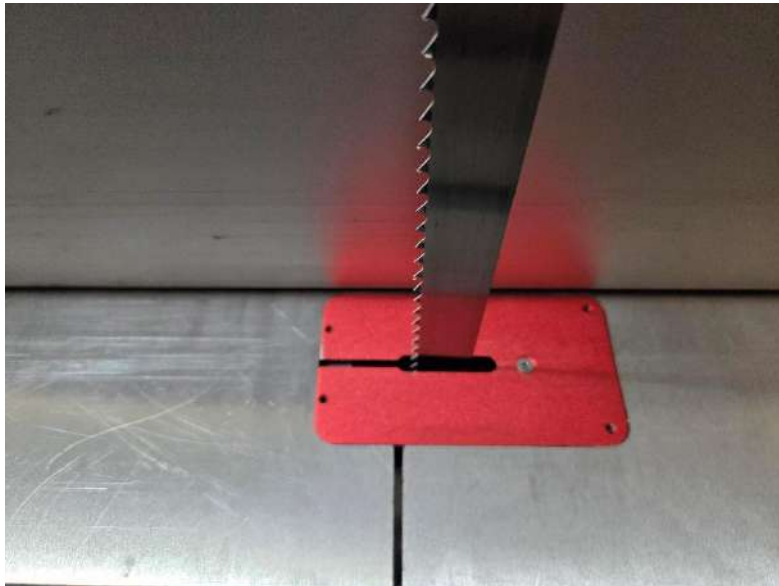
It should be at 90 degrees to the surface of the table.



If it is ever necessary to adjust the fence

Adjust the top grub screw to push the top of the fence out.

Adjust the bottom grub screw to push the bottom of the fence out.



Parallel Adjustment Of The Fence

Slide the Fence up to the edge of the Table Insert and check the fence runs parallel to the opening.

If an adjustment is required:
Loosen the 2 nuts which secure the Fence Carrier Rail onto the Table.

On the front side are 2 pairs of locking nuts. Wind them in or out to make an adjustment to the angle of the rail.

Once satisfied, tighten the 2 rear nuts.



Fit The Handwheel

Fit the rise and fall handwheel onto the shaft.

Lock it in place by using a 3mm hex key to tighten the grub screw.

Make sure the handwheel is aligned so that the grub screw is lined up with the flat part of the shaft before tightening.



Fit The Mitre Guide

Fit the Mitre Guide into the T-slot in the table.

Note: The fit of the mitre guide in the T-slot can be adjusted using three spring loaded bearings.

Use a 3mm Hex key to adjust the springs so that the guide slides without any sideways play.



Onboard Storage

When not in use, the mitre guide can be stored in the brackets provided on the side frame of the bandsaw.



Unpack The Blade

Caution: If you are unfamiliar with unpacking a bandsaw blade, wear gloves and be aware they can spring open as they uncoil.

Fit The Sawblade

Rotate the lock and open the top door.



Rotate the lock and open the bottom door.

Note: To prevent accidental starting, both doors are fitted with micro switches which cut power to the motor when either door is open.



Loosen and slide out the table slot bolt.



Remove the table insert by undoing the single screw.



Remove the dust deflector block from inside the lower cabinet.



Lower the blade tension release lever.



Open the hinged blade guard cover

Slide the blade through the slot in the table and around the left hand side of the fence rail.

Ensure the teeth are facing towards the front with the tips on the right hand side facing downwards.

Feed the blade onto the top and bottom wheels then raise the blade tension lever.

The blade can sit in the centre of the rubber tyre or with the tips of the teeth projecting over the front end. Refit the table insert, dust deflector block and table slot bolt.



Set The Blade Tension

The tension lever is a quick action blade tension control.

To set the blade tension for the first time, move the lever upright to the tensioned position.

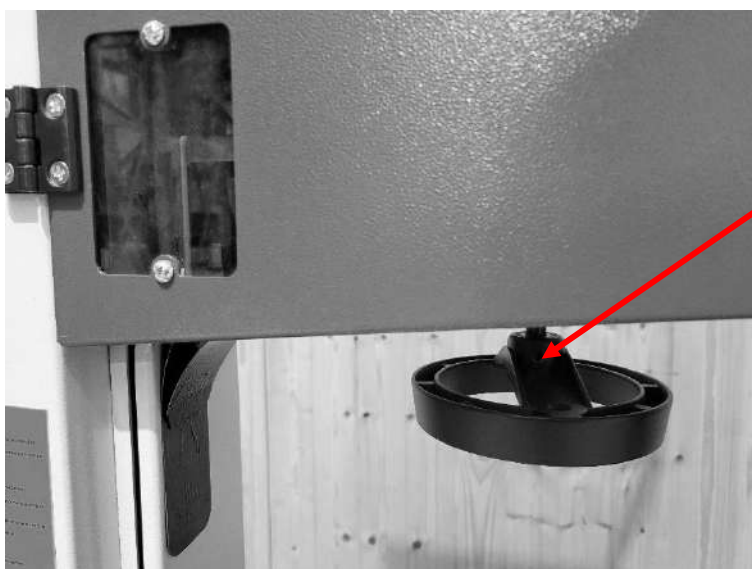
Note: It is recommended that you move the quick release lever to the slack position when the saw will not be used for a long period of time.



As a guide for setting the correct amount of blade tension there is an indicator provided.

Blade tension varies with the width of the blade. Use more tension for wider blades.

(Alternately raise the blade guard to its highest position and increase the tension until it is only possible to deflect the blade sideways by 2 to 3 mm at its midpoint between the table and the guard).



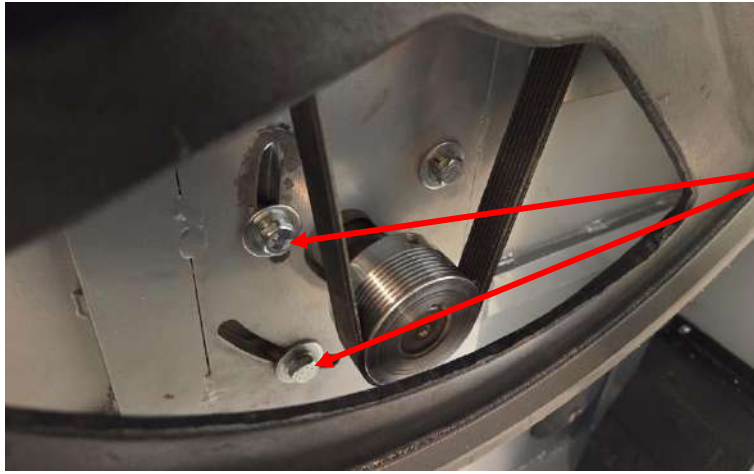
If the tension indicator is not in the correct place for the width of blade you are using, it can be adjusted.

Rotate the tension tuning knob clockwise to increase the tension, anticlockwise to lower the tension.

To check if the blade is now seated correctly:

Rotate the top wheel by hand.

Rotate the wheel 3 or 4 times and check the blade does not move forwards or backwards on the wheel.

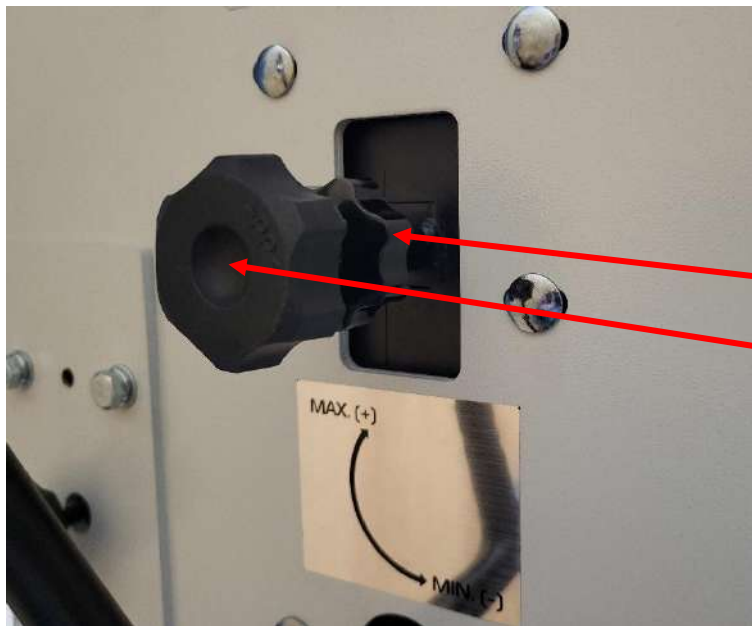


The motor is fitted with a brake, which prevents the wheel from being rotated by hand.

Use a 13mm socket to loosen 2 bolts.

The motor can then be pulled upwards, removing the tension on the drive belt. The wheels can now be rotated by hand.

If the blade sits in place, re-tension the drive belt, and you are ready to start cutting.



Blade Tracking

If the blade starts to move forwards or backwards on the top wheel adjust the tracking control, located at the rear of the machine, until it is balanced.

Lock

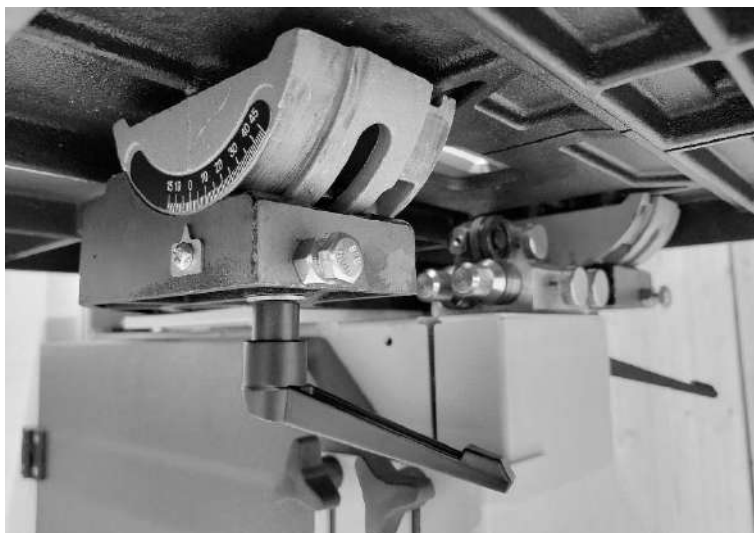
Tracking Adjuster

If the blade starts to move towards the front edge of the wheel, loosen the lock and turn the adjusting knob clockwise.

If the blade moves backwards, turn anticlockwise.

It is often necessary to make a small adjustment when fitting a new blade.

Setting Up The Bandsaw

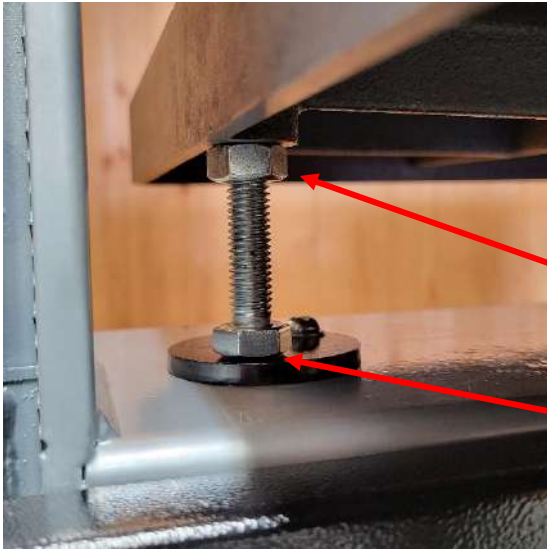


Set The Table Angle

The table angle can be changed by loosening the 2 locking levers.

Tilt the table to the required angle using the scale on the trunnion.

Once the angle has been set, tighten the 2 locking levers.



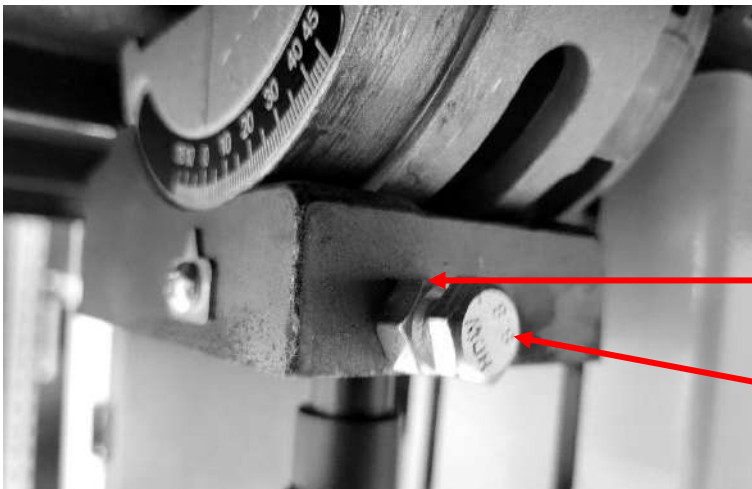
Set the table to zero degrees on the scale.

Use a square to check if the table sits at 90 degrees to the blade.

If an adjustment needs to be made, there is a stop bolt underneath the table.

Use a 16mm spanner to loosen the locking nut

Adjust the bolt until the table sits at 90 degrees to the blade.



Next set the table at 45 degrees on the scale.

If an adjustment needs to be made, there is a stop bolt on the side of each trunnion bracket.

Use a 13mm spanner to loosen the locking nut

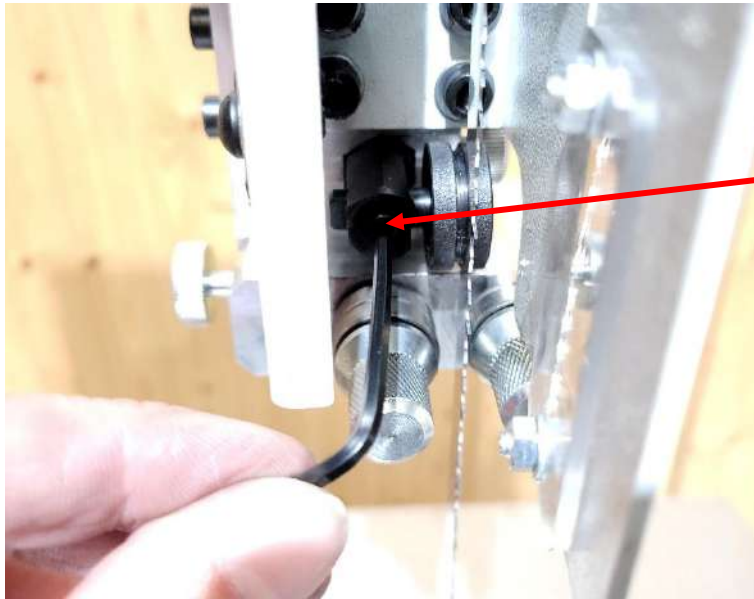
Adjust the bolt until the table sits at 45 degrees to the blade.



The table can also be tilted to -7 degrees

To adjust the table passed the zero degrees position, rotate the round disc, so that the stop bolt can move through the slot below.

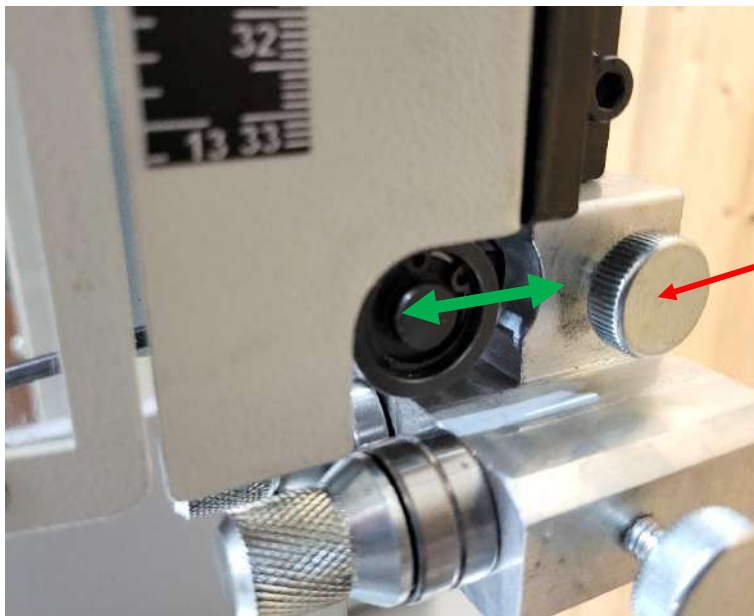
Set The Upper Blade Guides



Centralise The Rear Bearing

Use a 3mm Hex key to undo the grub screw

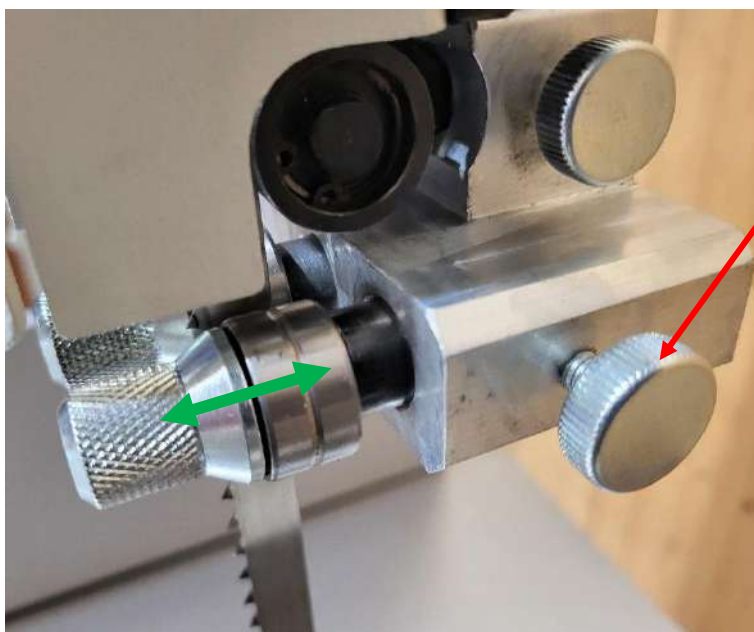
Slide the guide block left or right until the blade runs in the centre of the guide bearing groove.



Set The Rear bearing Depth

Rear Bearing Locking Screw

Loosen the lock, slide the bearing so that it sits 0.5mm from the back edge of the blade.

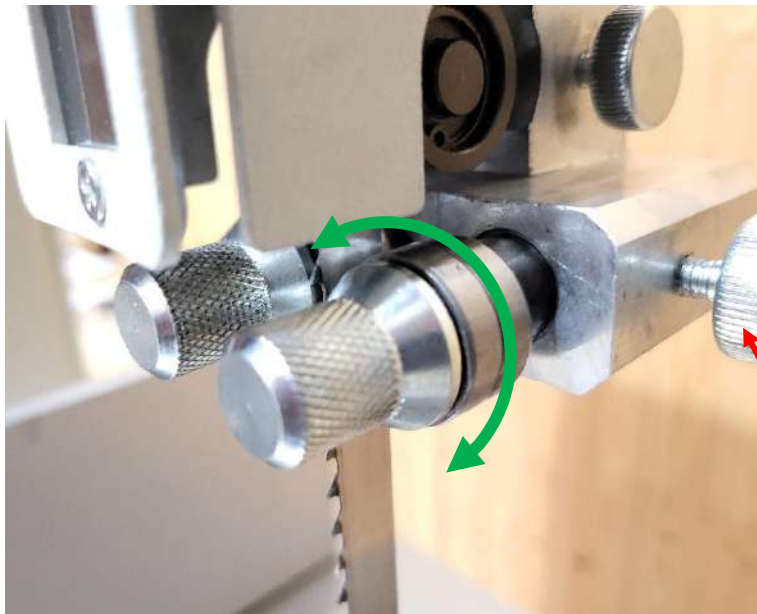


Adjust The Side Bearings

Loosen the right hand locking screw

Slide the guide assembly forwards or backwards

The front of the bearing should be 2mm back from the gullet of the blade teeth.



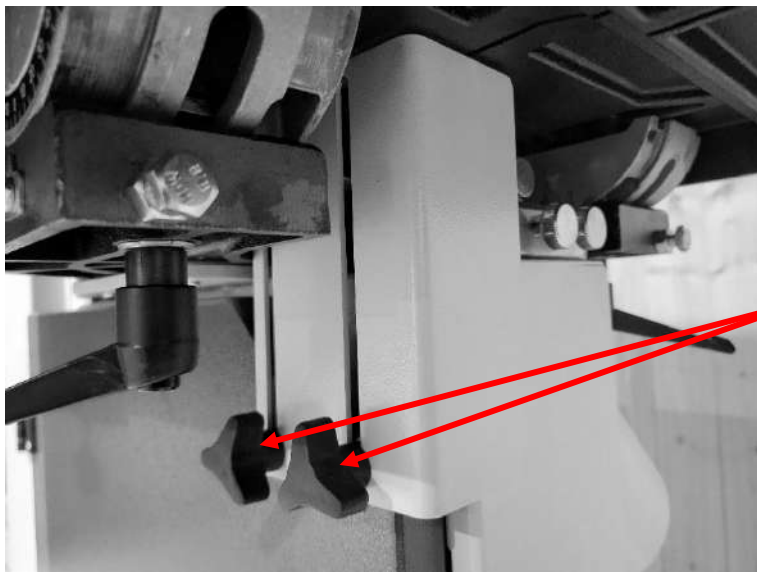
Next adjust the gap between the blade and the bearing.

The side bearings are mounted on a cam shaft. Rotating the knurled screw moves the bearing towards or away from the blade.

Set the bearing so it sits 0.5mm from the blade.

Tighten the locking screw

Repeat for the left hand bearing.



Set The Lower Blade Guides

Loosen the 2 locking knobs and lower the blade guard.

Locking Knob



Set The Rear Thrust Bearing

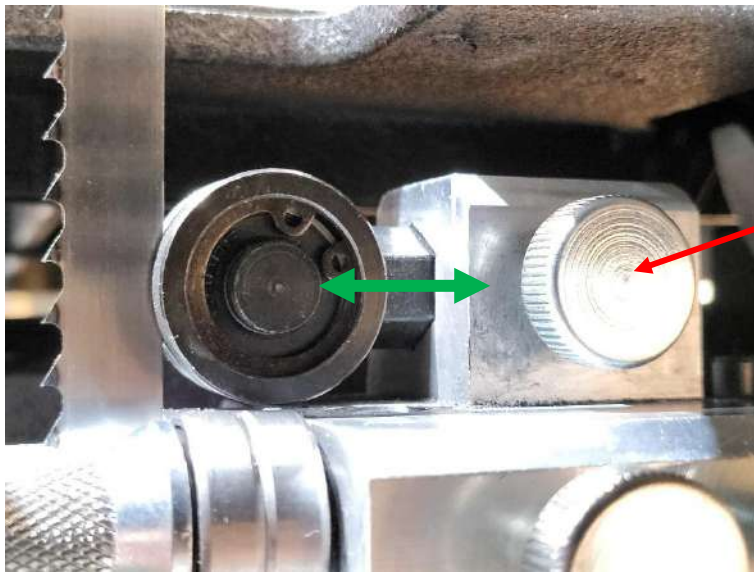
Remove the table insert

Tilt the table to 45 degrees

Centralise The Rear Bearing

Use a 3mm Hex key to undo the grub screw

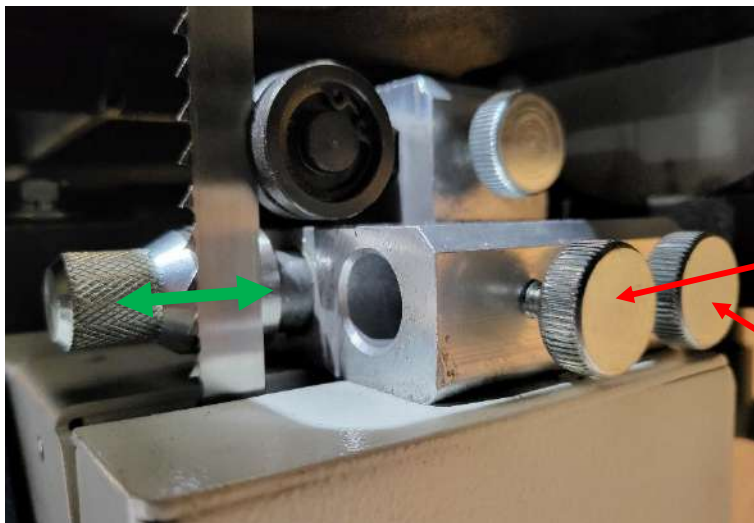
Slide the guide block left or right until the blade runs in the centre of the guide bearing groove.



Set The Rear Bearing Depth

Rear Bearing Locking Screw

Loosen the lock, slide the bearing so that it sits 0.5mm from the back edge of the blade.



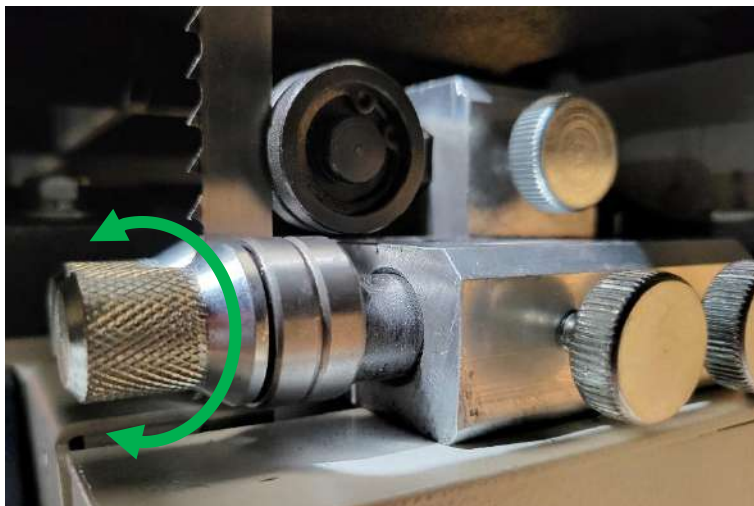
Adjust The Side Bearings

To improve visual access to the left hand bearing, completely remove the right hand bearing.

Loosen right bearing locking screw. Pull the bearing assembly forward to remove.

Loosen left bearing locking screw

Slide the guide assembly forwards or backwards. The front of the bearing should be 2mm back from the gullet of the blade teeth.

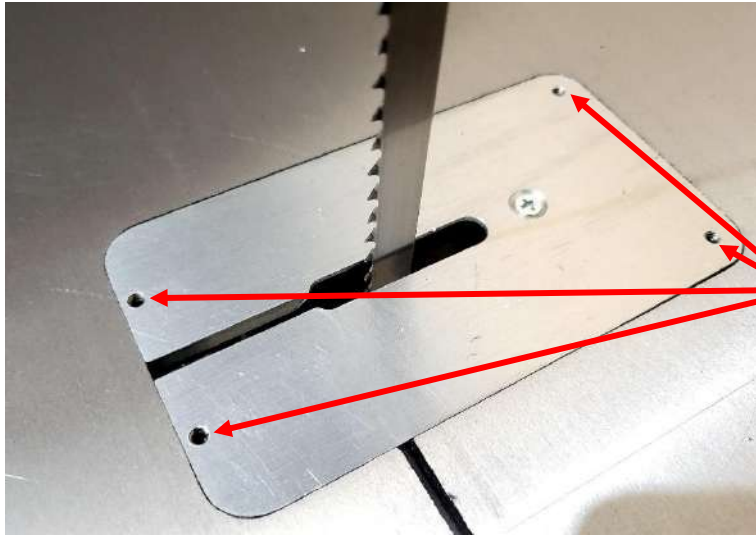


Next adjust the gap between the blade and the bearing.

The side bearings are mounted on a cam shaft. Rotating the knurled screw moves the bearing towards or away from the blade.

Set the bearing so it sits 0.5mm from the blade.

Refit the right hand bearing and repeat the steps to set the bearing relative to the blade.



Level The Table Insert

Loosen the centre screw.

Place a straight edge across the table

Use a 2mm Hex key to adjust the 4 grub screws in the corners of the table insert until it is level.

Tighten the centre screw



Set The Rip Fence Scale

Slide the rip fence until it reads 10cm and lock in place. Double check the measurement with a ruler.

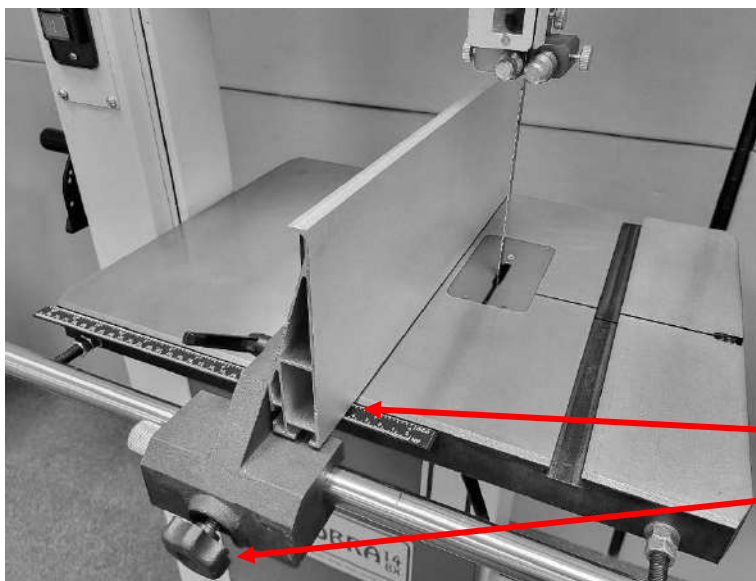
If the scale needs adjusting:
Loosen 2 bolts and slide the scale left or right until the scale matches the reading taken.

Once adjusted tighten the 2 bolts.

Making A Cut

For every type of cut, the blade guard should be lowered so that the bottom edge of the guide is just above the work piece. This is for safety and to better control the blade during the cut.

Always use a push stick so that you keep your fingers at least 30cm from the blade.



Straight Rip Cuts

Ripping cuts are generally made using the guide fence and run along the grain of the timber.

The rip fence can be used in the vertical position for large timber.

Read the scale here

Fence Lock



The fence can also be positioned in the low mode for cutting thin strips in narrow material.



Crosscutting

Cutting across the grain is generally done using the mitre fence.

To adjust the angle of the fence:

Undo the fence lock

Pull up the release pin

Rotate the fence until it clicks into one of the preset stops. Tighten the lock.

Preset stops at: 0, 22.5, 30, 45, 60, 67.5 & 90 degrees each way. Other angles can be set using the scale.



Light Socket

On the rear frame of the bandsaw there is a power take off socket, suitable for powering a work light.

Blade width	Minimum Circle Diameter
3mm (1/8")	10mm (3/8")
6mm (1/4")	60mm (2.1/2")
10mm (3/8")	100mm (4")
13mm (1/2")	130mm (5.1/4")
16mm (5/8")	160mm (6.1/4")
20mm (3/4")	200mm (8")
25mm (1")	250mm (10")

Cutting Curves

The bandsaw can be used to cut curves freehand. The diameter of the curve you can cut depends on the width of the blade. A narrower blade can cut tighter curves than a wide blade. The table on the left gives a guide.

Note: Once you have cut curves with a blade, the set of the teeth will have changed. After having cut curves with a blade it will not cut so accurately in a straight line. Ideally you should keep one blade for straight cuts and one blade for curved cuts.



It is strongly recommended that this saw is connected to a dust extractor.

There are two 100mm diameter outlets provided for dust collection. Connect both of them to achieve the most efficient extraction.

They can be combined into a single collection point using our optional Dusk Kit – C14BXDK

Connect 100mm Hose

Maintenance

Clean the interior of the machine on a regular basis, especially if you use it without a dust extractor.

Dust may collect in both the upper and lower housings. This must be removed with a vacuum cleaner as an accumulation will reduce the efficiency of the saw and in an extreme case will pose a fire risk.

Troubleshooting

Problem	Cause	Remedy
Machine does not start	Blown Fuse	Replace Fuse
	Loose switch terminal	Inspect back of switch
	Faulty switch	Replace switch
	Doors not closed	(The machine is fitted with a safety interlock switch, it will not run if a door is open)
Only starts when Green button is held down	Faulty switch	Replace switch
Motor slows down during operation	Blade is blunt	Replace blade
	Feed Speed is Too high	Feed the Work slower, let the blade do the cutting
	Drive belt is slipping	Re-tension drive belt
	Attempting to take too deep a cut	It may exceed the capacity of the machine
Machine does not run but buzzing noise heard from motor	Failed capacitor	Replace the motor start capacitor.

Declaration of Conformity

Charnwood Machinery declare that Woodworking Band Saw, Model C18BX

Conforms with the following Directives:

Machinery Directive 2006/42/EC

And further conforms to the machinery example for which the EC type examination Certificate No. M6A 099410 0005 has been issued by TUV SUD Product Service GmbH, Zertifizierstelle, Ridlerstrasse 65, 80339 Munchen, Germany.

I hereby declare that equipment named above has been tested and found to comply with the relevant sections of the above referenced specifications. The machinery complies with all essential requirements of the directives.

Signed:  Dated: 10/04/2026 Location: Leicestershire

Richard Cook, Director



Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.



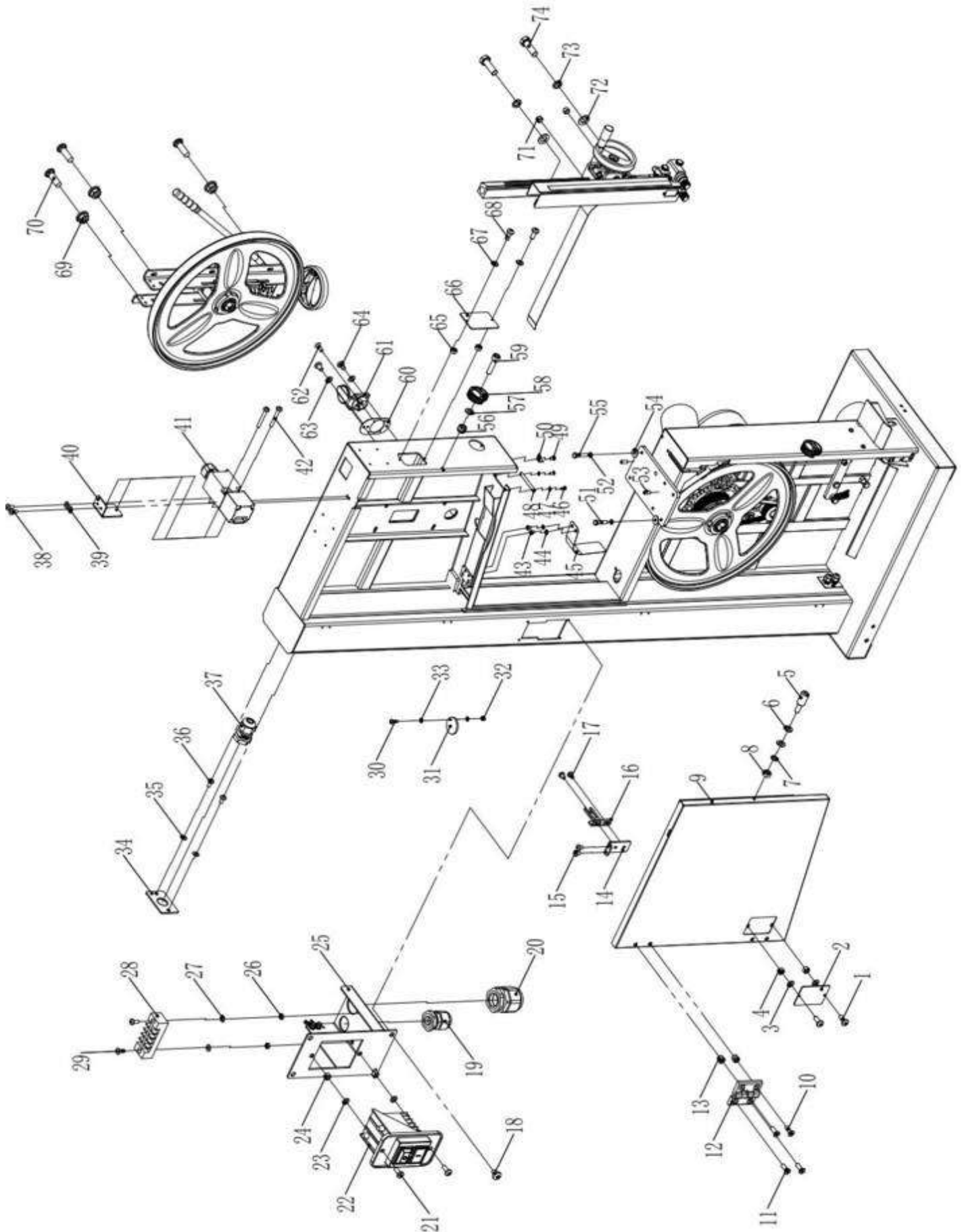
Only for EU countries

Do not dispose of electric tools together with household waste material!

In observance of European Directive 2002/96/EC on waste electrical and electronic equipment (EEE) and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Your local refuse amenity will have a separate collection area for EEE goods

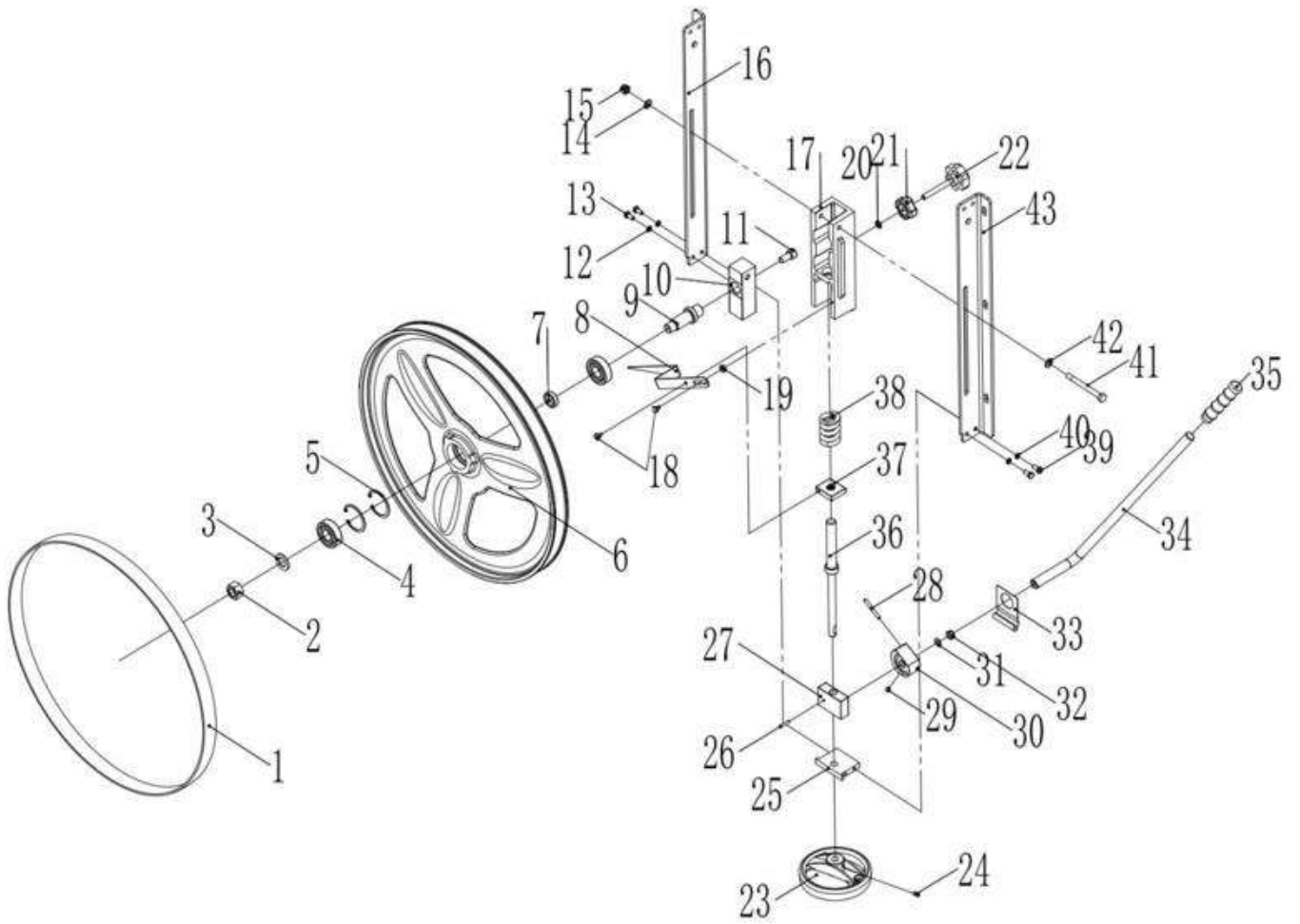
Parts Diagram A



Parts List A

Part Number	Description	Part Number	Description
C18BX#A01	M5 x 12mm Screw x 2	C18BX#A38	M4 x 8mm Screw
C18BX#A02	Looking Window	C18BX#A39	M4 Washer x 2
C18BX#A03	M5 Washer x 2	C18BX#A40	Upper Fixing Plate
C18BX#A04	M5 Hex Nur x 2	C18BX#A41	QKS8 Safety Switch
C18BX#A05	Door Stud	C18BX#A42	M4 x 30mm Screw x 2
C18BX#A06	M6 Washer x 2	C18BX#A43	M6 x 8mm Screw x 2
C18BX#A07	M6 Spring Washer	C18BX#A44	M6 Washer x 2
C18BX#A08	M6 Hex Nut	C18BX#A45	Short Spring Plate
C18BX#A09	Upper Door	C18BX#A46	M5 x 12mm Screw x 2
C18BX#A10	M5 x 14mm Screw x 4	C18BX#A47	M5 Washer x 2
C18BX#A11	M5 x 14mm Screw x 4	C18BX#A48	Limit Shaft
C18BX#A12	Hinge x 2	C18BX#A49	M6 x 10mm Screw
C18BX#A13	M5 Locking Nut	C18BX#A50	Pointer
C18BX#A14	Key Fixing Plate	C18BX#A51	M8 x 35mm Hex Bolt x 3
C18BX#A15	M4 x 6mm Screw x 2	C18BX#A52	M8 Spring Washer x 6
C18BX#A16	QKS8 Key	C18BX#A53	M8 x 20 Set Screw x 4
C18BX#A17	M4 x 6mm Screw x 2	C18BX#A54	M8 Large Washer x 6
C18BX#A18	M6 x 8mm Screw	C18BX#A55	M8 x 40mm Hex Bolt x 3
C18BX#A19	M20 Cable Gland	C18BX#A56	M6 Hex Locking Nut
C18BX#A20	M25 Cable Gland	C18BX#A57	M6 Washer
C18BX#A21	M5 x 12mm Screw	C18BX#A58	Lock Knob
C18BX#A22	DZ07C Switch	C18BX#A59	M6 x 25mm Screw
C18BX#A23	M5 Washer x 2	C18BX#A60	Plug Plate
C18BX#A24	M5 Hex Nut x 2	C18BX#A61	Socket
C18BX#A25	Main Panel	C18BX#A62	M4 x 12mm Screw
C18BX#A26	M4 Hex Nut x 2	C18BX#A63	M5 Washer x 2
C18BX#A27	M4 Washer x 2	C18BX#A64	M5 x 8mm Screw
C18BX#A28	Terminal Block	C18BX#A65	M5 Hex Nut x 2
C18BX#A29	M4 x 10mm Screw x 2	C18BX#A66	Looking Window
C18BX#A30	M6 x 20mm Screw	C18BX#A67	M5 Washer x 2
C18BX#A31	Round Plate	C18BX#A68	M5 x 12mm Screw x 2
C18BX#A32	M6 Locking Nut	C18BX#A69	M8 Hex Flange Nut x 6
C18BX#A33	M6 Washer x 2	C18BX#A70	M8 x 25mm Sq Neck Bolt x 6
C18BX#A34	Small Plate	C18BX#A71	M8 x 6mm Set Screw x 2
C18BX#A35	M4 Washer x 2	C18BX#A72	M8 Washer x 4
C18BX#A36	M4 x 8mm Screw x 2	C18BX#A73	M8 Spring Washer x 4
C18BX#A37	M16 Cable Gland	C18BX#A74	M8 x 25mm Hex Bolt x 4

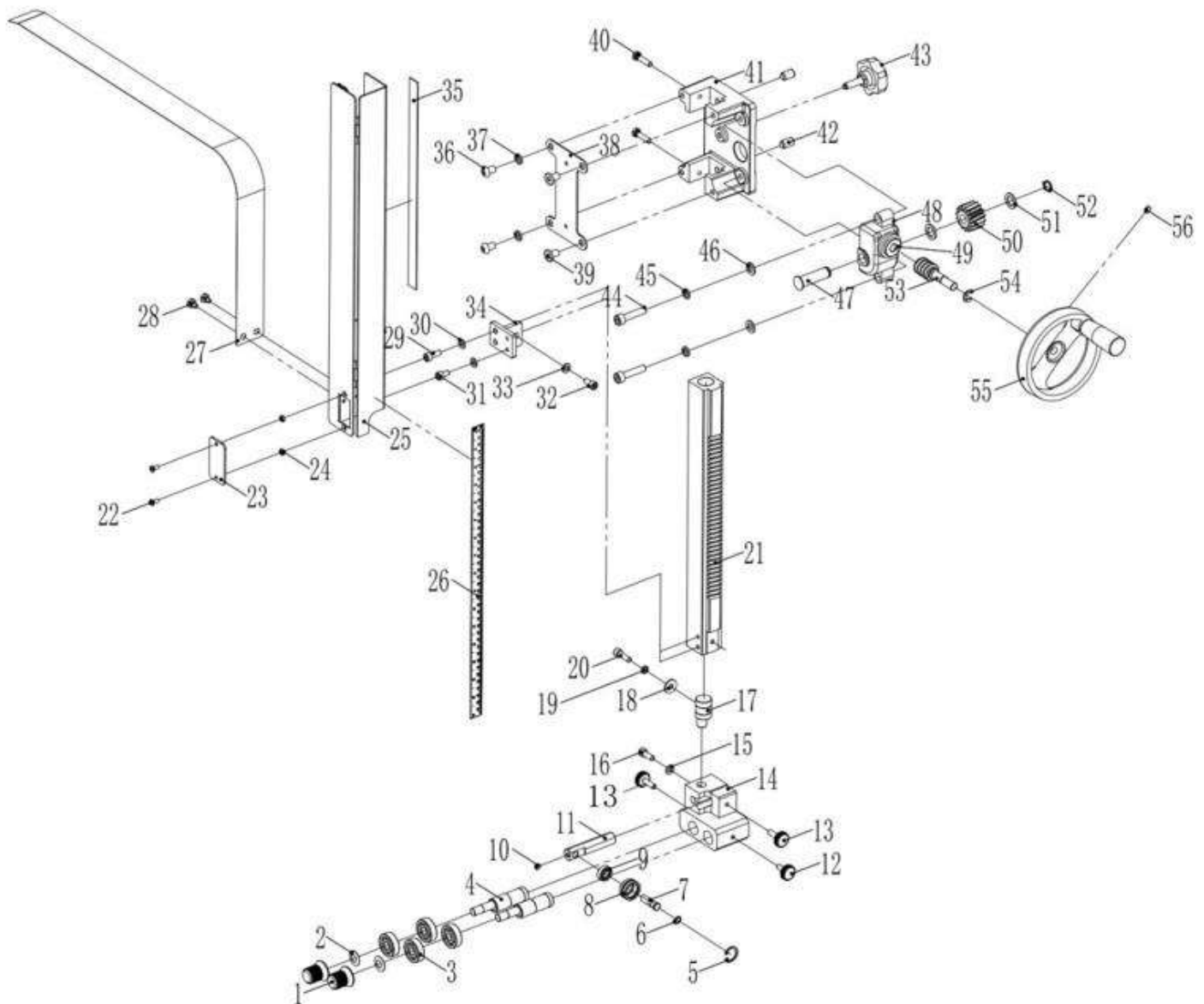
Parts Diagram B



Parts List B

Part Number	Description		Part Number	Description
C18BX#B01	PU Tyre		C18BX#B23	Tension Handwheel
C18BX#B02	M6 x 1.5-L Hex Nut		C18BX#B24	M6 x 8mm Set Screw
C18BX#B03	M16 Washer		C18BX#B25	Support Block
C18BX#B04	6204 Bearing		C18BX#B26	M4 x 20mm Spring Pin
C18BX#B05	M47 C-Retaining Ring x 2		C18BX#B27	Fixed Bracket
C18BX#B06	Upper Wheel		C18BX#B28	M5 x 40 Spring Pin
C18BX#B07	Upper Space Bush		C18BX#B29	M6 x 8m Set Screw
C18BX#B08	Pointer		C18BX#B30	Eccentric Wheel
C18BX#B09	Upper Shaft		C18BX#B31	M8 Wave Washer
C18BX#B10	Upper Shaft Block		C18BX#B32	M8 Hex Locking Nut
C18BX#B11	M10 x 20mm Screw		C18BX#B33	Spring Plate
C18BX#B12	M6 Spring Washer x 2		C18BX#B34	Press Shaft
C18BX#B13	M6 x 12mm Hex Bolt x 2		C18BX#B35	Handle
C18BX#B14	M8 Washer		C18BX#B36	Adjusting Screw
C18BX#B15	M8 Locking Nut		C18BX#B37	Threaded Plate
C18BX#B16	Left Support Plate		C18BX#B38	Press Spring
C18BX#B17	Sliding Block		C18BX#B39	M6 x 12mm Hex Nut x 2
C18BX#B18	Specific Screw		C18BX#B40	M6 Spring Washer x 2
C18BX#B19	Thick Washer		C18BX#B41	M8 x 80mm Hex Bolt
C18BX#B20	M8 Spring Washer		C18BX#B42	M8 Washer
C18BX#B21	Locking Knob		C18BX#B43	Right Support Plate
C18BX#B22	Adjusting Knob			

Parts Diagram C

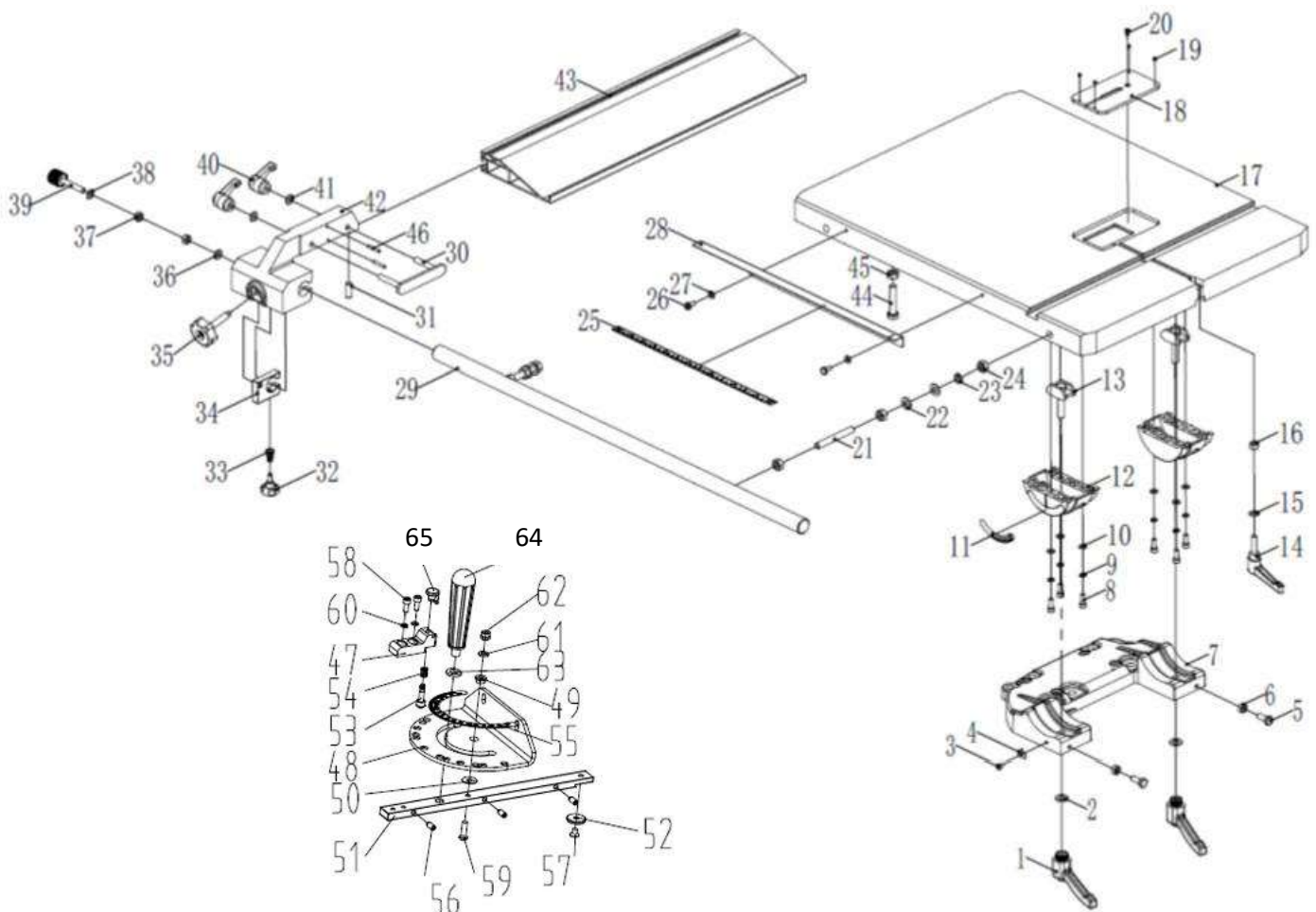


Parts List C

Part Number	Description	Part Number	Description
C18BX#C01	Knob x 2	C18BX#C29	M6 x 16mm Screw x 2
C18BX#C02	Special Washer x 2	C18BX#C30	M6 Washer x 4
C18BX#C03	6200 Bearing x 4	C18BX#C31	M6 x 10mm Screw x 2
C18BX#C04	Short Shaft x 2	C18BX#C32	M6 x 12mm Screw
C18BX#C05	M19 C-Retaining Ring	C18BX#C33	M6 Washer
C18BX#C06	M8 C-Retaining Ring	C18BX#C34	Support Bracket
C18BX#C07	Adjust Shaft	C18BX#C35	Soft Magnet
C18BX#C08	Thrust Bearing Holder	C18BX#C36	M8 x 12mm Screw x 2
C18BX#C09	619/8 Bearing	C18BX#C37	M8 Spring Washer x 2
C18BX#C10	M6 x 6mm Set Screw	C18BX#C38	Protective plate
C18BX#C11	Spacing Sleeve	C18BX#C39	M8 x 12mm Thin Head Screw
C18BX#C12	Knurled Locking Knob	C18BX#C40	M6 x 25mm Hex Bolt x 2

C18BX#C13	Knurled Locking Knob x 2	C18BX#C41	Guide Bar Bracket
C18BX#C14	Upper Guide Bracket	C18BX#C42	M10 x 16mm Set Screw with Ball
C18BX#C15	M6 Washer	C18BX#C43	Locking Handle
C18BX#C16	M6 x 16mm Screw	C18BX#C44	M8 x 35mm Screw
C18BX#C17	Link Pin	C18BX#C45	M8 Spring Washer x 2
C18BX#C18	M6 Large washer	C18BX#C46	M8 Washer x 2
C18BX#C19	M6 Spring Washer	C18BX#C47	Gear Shaft
C18BX#C20	M6 x 20mm Screw	C18BX#C48	Gear Box
C18BX#C21	Guide Bar	C18BX#C49	Box Bush
C18BX#C22	M4 x 10mm Screw x 2	C18BX#C50	Gear
C18BX#C23	Window	C18BX#C51	M12 Small Washer
C18BX#C24	M4 Hex Nut x 2	C18BX#C52	M13 C-Retaining Ring
C18BX#C25	Protective Plate	C18BX#C53	Worm Shaft
C18BX#C26	Scale	C18BX#C54	M8 E-Retaining Ring
C18BX#C27	Long Spring Plate	C18BX#C55	Handwheel
C18BX#C28	Special Screw x 2	C18BX#C56	M6 x 8mm Set Screw

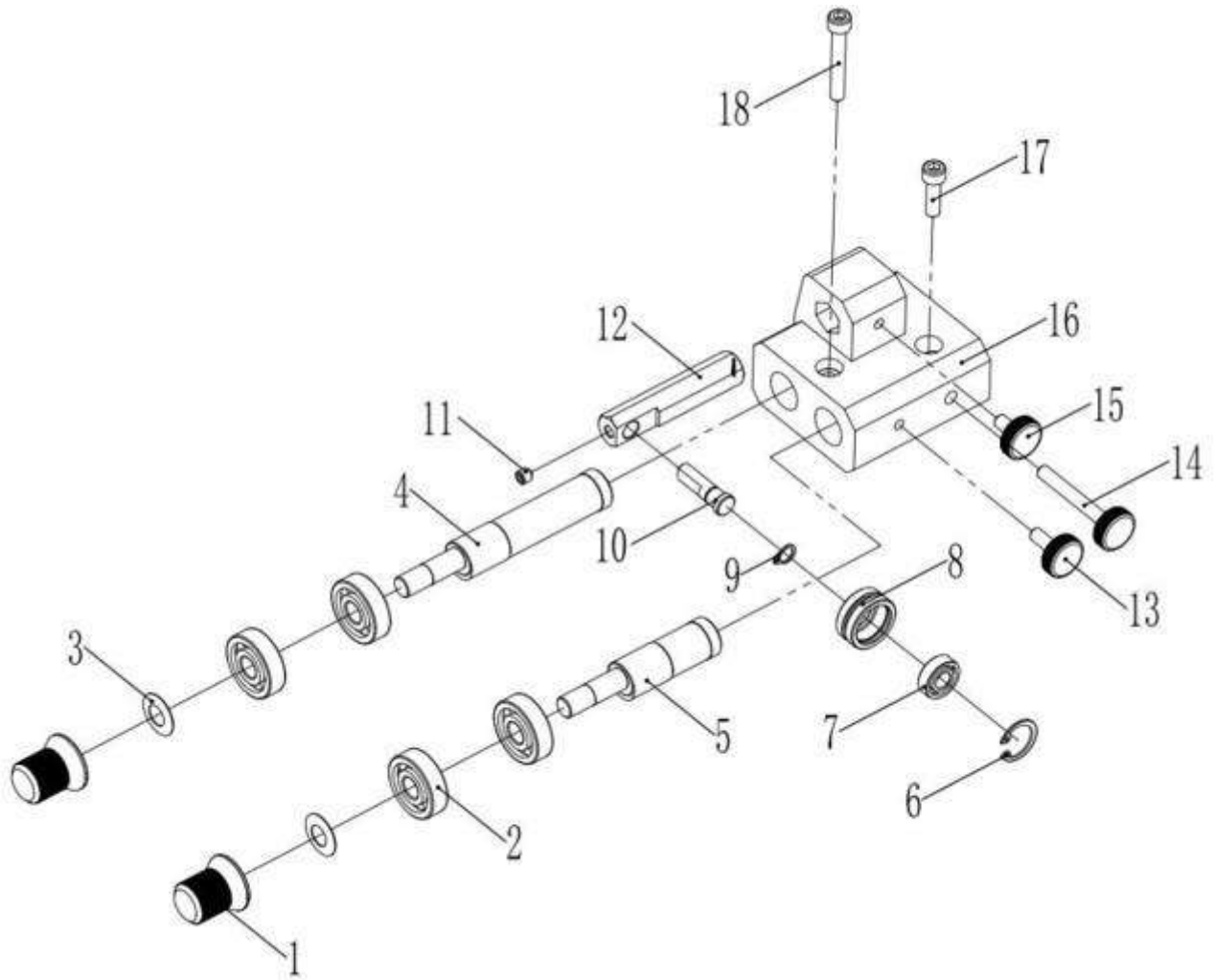
Parts Diagram D



Parts List D

Part Number	Description	Part Number	Description
C18BX#D01	Handle x 2	C18BX#D34	Locate Block
C18BX#D02	M10 Washer x 2	C18BX#D35	Lock Knob
C18BX#D03	M5 x 8mm Screw	C18BX#D36	M8 Washer
C18BX#D04	Pointer	C18BX#D37	M8 x Hex Nut x 2
C18BX#D05	M8 x 20mm Hex Bolt x 2	C18BX#D38	M8 Wave Washer
C18BX#D06	M8 Hex Nut x 2	C18BX#D39	Adjustment knob
C18BX#D07	Bracket	C18BX#D40	M8 x 10mm Handle
C18BX#D08	M6 x 16mm Screw x 6	C18BX#D41	M8 Washer x 2
C18BX#D09	M6 Spring Washer x 6	C18BX#D42	Fence Body
C18BX#D10	M6 Washer x 6	C18BX#D43	Fence
C18BX#D11	Scale	C18BX#D44	M10 x 50mm Hex Bolt
C18BX#D12	Trunnion x 2	C18BX#D45	M10 Hex Nut
C18BX#D13	Sliding Block x 2	C18BX#D46	M6 x 30mm Set Screw x 2
C18BX#D14	M8 x 30mm Handle	C18BX#D47	Pointer
C18BX#D15	M8 Washer	C18BX#D48	Angle Ruler
C18BX#D16	M8 Hex Nut x 2	C18BX#D49	Flange Bush
C18BX#D17	Table	C18BX#D50	Thin Washer
C18BX#D18	Aluminium Table Insert	C18BX#D51	Mitre Guide Sliding Bar
C18BX#D19	M4 x 4 Set Screw x 4	C18BX#D52	Special Washer
C18BX#D20	M4 x 10mm Screw	C18BX#D53	Sliding Pin
C18BX#D21	M10 x 80mm Set Screw x 2	C18BX#D54	Spring
C18BX#D22	M10 Washer x 4	C18BX#D55	Mitre Guide Angle Scale
C18BX#D23	M10 Spring Washer x 2	C18BX#D56	M6 x 12mm Spring Screw
C18BX#D24	M10 Hex Nut x 6	C18BX#D57	M6 x 8mm Screw
C18BX#D25	Scale	C18BX#D58	M5 x 12mm Screw
C18BX#D26	M6 x 10mm Hex Bolt x 2	C18BX#D59	M6 x 20mm Screw
C18BX#D27	M6 Washer x 2	C18BX#D60	M6 Spring Washer
C18BX#D28	Scale Plate	C18BX#D61	M6 Washer
C18BX#D29	Steel Shaft	C18BX#D62	M6 Hex Locking Nut
C18BX#D30	Lock Block	C18BX#D63	M10 Washer
C18BX#D31	M12 x 16mm Plastic Set Screw	C18BX#D64	Locking Handle
C18BX#D32	Knob	C18BX#D65	Pull Knob
C18BX#D33	Cone Spring		

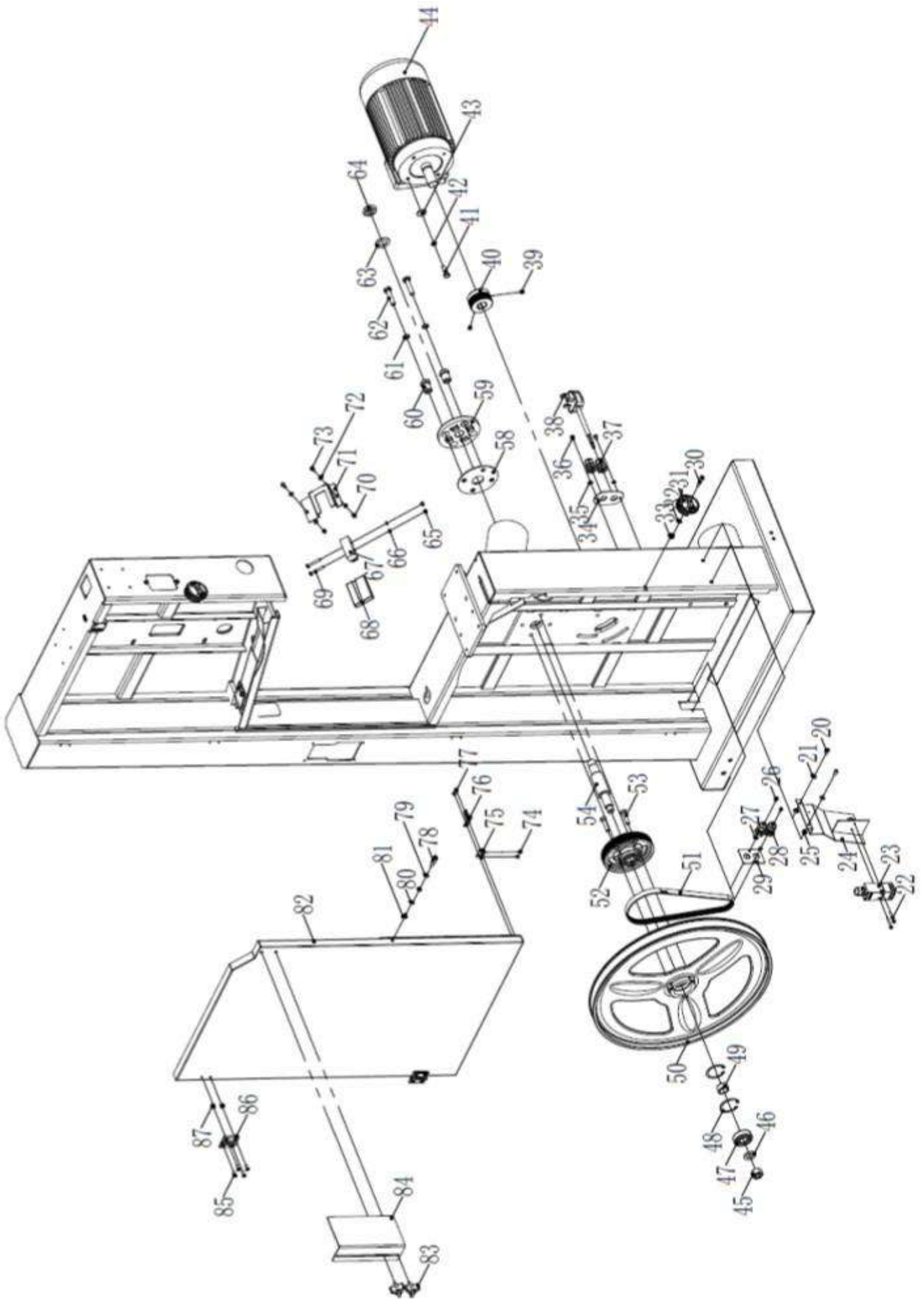
Parts Diagram E



Parts List E

Part Number	Description	Part Number	Description
C18BX#E01	Knob x 2	C18BX#E10	Adjust Shaft
C18BX#E02	6200 Bearing x 4	C18BX#E11	M6 x 6mm Set Screw
C18BX#E03	Special Washer x 2	C18BX#E12	Spacing Sleeve
C18BX#E04	Long Shaft	C18BX#E13	Knurled Lock Knob
C18BX#E05	Short Shaft	C18BX#E14	Knurled Lock Knob
C18BX#E06	M19 C-Retaining Ring	C18BX#E15	Knurled Lock Knob
C18BX#E07	619/8 Bearing	C18BX#E16	Lower Guide Bracket
C18BX#E08	Thrust Bearing Holder	C18BX#E17	M6 x 20mm Screw
C18BX#E09	M8 C-Retaining Ring	C18BX#E18	M6 x 40mm Screw

Parts Diagram F



Parts List F

Part Number	Description		Part Number	Description
C18BX#F20	M6 x 12mm Screw x 2		C18BX#F53	M8 x 40 Screw x 3
C18BX#F21	M6 Washer x 2		C18BX#F54	Lower Spindle
C18BX#F22	M4 x 30mm Screw x 2		C18BX#F58	Plate
C18BX#F23	QKS8 Safety Switch		C18BX#F59	Spindle Holder
C18BX#F24	Switch Cover		C18BX#F60	Adjusting Screw x 4
C18BX#F25	M6 Hex Nut x 2		C18BX#F61	M10 Spring Washer x 4
C18BX#F26	M4 x 8mm Screw x 2		C18BX#F62	M10 x 45mm Hex Bolt x 4
C18BX#F27	M4 Washer x 2		C18BX#F63	M20 Washer
C18BX#F28	M16 Cable Gland x 2		C18BX#F64	M20 x 1.5mm Thin Nut
C18BX#F29	Plate		C18BX#F65	M5 Hex Nut
C18BX#F30	M6 x 25mm		C18BX#F66	M5 Washer x 2
C18BX#F31	Lock Knob		C18BX#F67	Wood Brush
C18BX#F32	M6 Washer		C18BX#F68	Insert Block
C18BX#F33	M6 Hex Locking Nut		C18BX#F69	M5 x 35mm Hex Bolt x 2
C18BX#F34	Plug Plate		C18BX#F70	M5 Hex Nut x 2
C18BX#F35	M5 Washer x 2		C18BX#F71	Shelf
C18BX#F36	M5 x 8mm Screw x 2		C18BX#F72	M5 Washer x 4
C18BX#F37	M16 Cable Gland x 2		C18BX#F73	M5 x 12mm Hex Bolt x 2
C18BX#F38	Plug Plate		C18BX#F74	M4 x 6mm Screw x 2
C18BX#F39	M8 x 8mm Set Screw x 2		C18BX#F75	Key Fixing Plate
C18BX#F40	Motor Pulley		C18BX#F76	Key of QKS8
C18BX#F41	M8 x 25mm Hex Bolt x 3		C18BX#F77	M4 x 6mm Screw x 2
C18BX#F42	M8 Spring washer x 3		C18BX#F78	Door Stud
C18BX#F43	M8 Large Washer x 3		C18BX#F79	M6 Washer x 2
C18BX#F44	Motor Pulley		C18BX#F80	M6 Spring Washer
C18BX#F45	M16 x 1.5-L Hex Nut		C18BX#F81	M6 Hex Nut
C18BX#F46	M16 Washer		C18BX#F82	Lower Door
C18BX#F47	6204 Bearing x 2		C18BX#F83	Lock Knob x 2
C18BX#F48	M47 S-Retaining Ring		C18BX#F84	Lower Blade Guard
C18BX#F49	Space Bush		C18BX#F85	M5 x 14mm Screw
C18BX#F50	Lower Wheel		C18BX#F86	Hinge
C18BX#F51	Poly V Belt PJ700		C18BX#F87	M5 Hex Locking Nut
C18BX#F52	Spindle Pulley			



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