

HAFCO **WOODMASTER**



Edition : 1
Date: (08/26)

Instruction Manual

BELT & DISC LINISHER/SANDER L-46C

Order Code: (L1055)

MACHINE DETAILS

MACHINE.	BELT & DISC LINISHER/SANDER
MODEL NO.	L-46C
SERIAL NO.	
DATE OF MANF.	

IMPORTED BY



www.machineryhouse.com.au



www.machineryhouse.co.nz

NOTE:

This manual is only for your reference. At the time of the compiling of this manual every effort to be exact with the instructions, specifications, drawings, and photographs of the machine was taken. Owing to the continuous improvement of the HAFCO Woodmaster machine, changes may be made at any time without obligation or notice. Please ensure the local voltage is the same as listed on the specification plate before operating any electric machine.

SAFETY SYMBOLS:

The purpose of safety symbols is to attract your attention to possible hazardous conditions



WARNING

Indicates a potentially hazardous situation causing injury or death



CAUTION

Indicates an alert against unsafe practices.

Note: Used to alert the user to useful information



NOTE:

In order to see the type and model of the machine, please see the specification plate. Usually found on the back of the machine. See example (Fig.1)

Fig.1

HAFCO WOODMASTER	
PRODUCT SPECIFICATIONS	
Model: L-46C	
Capacity: 915x100/150mm	Voltage: 240V/50Hz
Nett Weight: 16.5kg	Motor: 0.5HP/0.37kW
MFG Date:	FLC:1.7A
Serial No:	
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WARNING!

The machine is the sole responsibility of the owner for its safe use. This responsibility includes but is not limited to proper installation in a safe environment, personnel training, proper inspection and maintenance, manual availability and comprehension. The manufacturer will not be held liable for injury or property damage from negligence, improper training, machine modifications or misuse.

1.1 SPECIFICATIONS

ORDER CODE	L1055
MODEL	L-46C
Belt Size	100 x 915mm
Disc Diameter	Ø150mm
Table Size	310 x 100mm
Disc Table Size	230 x 160mm
Belt Speed	450m/min
Motor Speed	2850rpm
Motor Power	0.37kW / 1/2hp
Voltage / Amperage	240V / 10A
Floor Space (W x D x H)	530 x 380 x 320mm
Nett Weight	16.5kg

1.2 PACKING LIST

Packaged in a printed cardboard carton with
“honeycomb” type internal packaging

1 x Tilting table 0 - 45 Degrees,

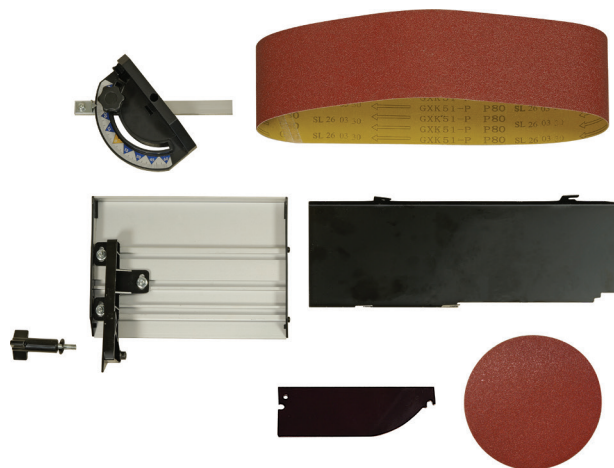
1 x Mitre gauge

1 x 100 x 915mm sanding belt, #80 grit

~~1 x Ø150mm “Hook & Loop” backing disc~~

1 x Ø150mm felt backed sanding disc, #80 grit

1 x Model L46C Linisher/Sander

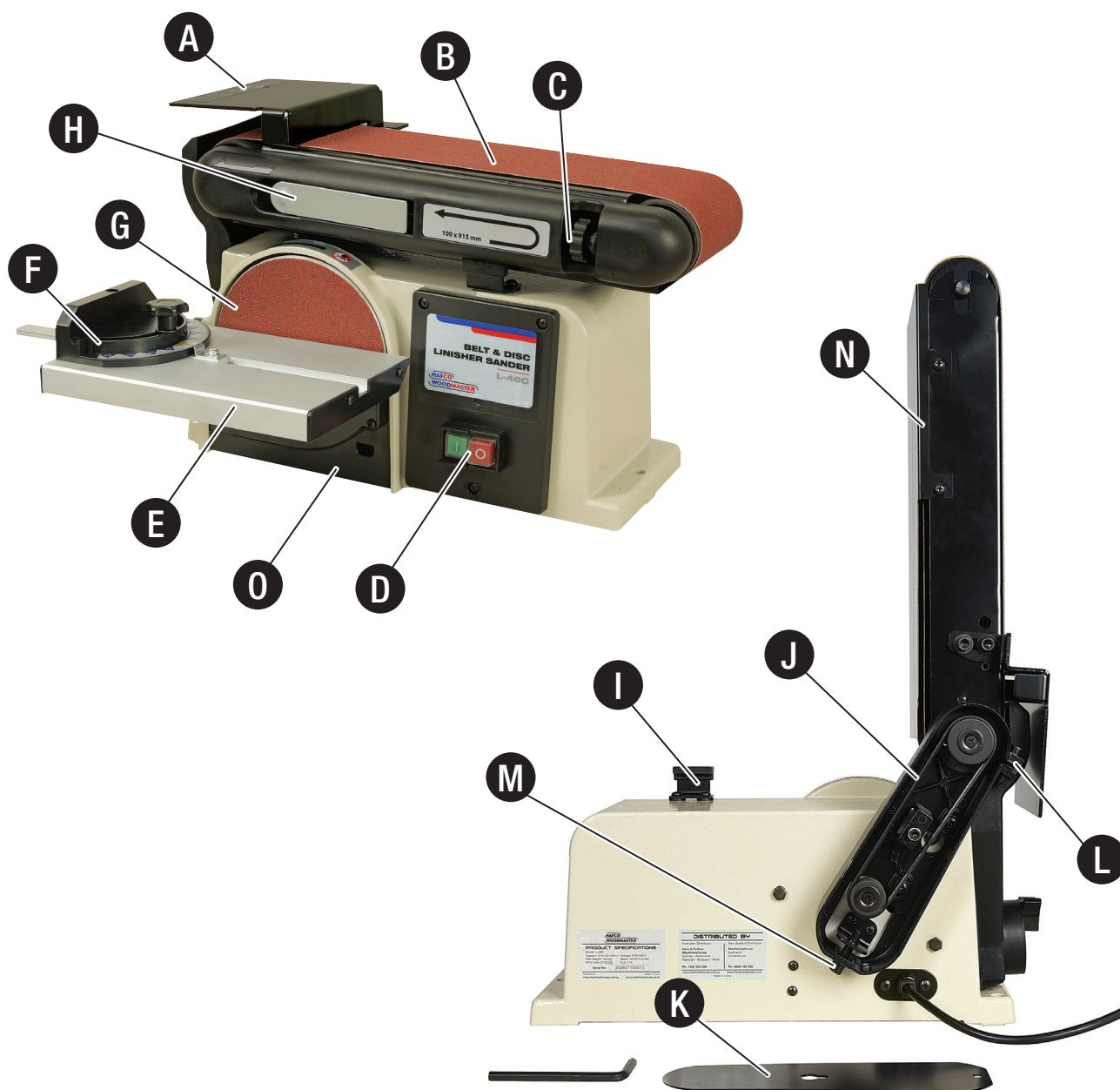


WARNING!

Read and understand the instructions in this manual, before operating this machine to reduce the risk of serious injury or even death. Save all warnings and instructions for future reference.

1.3 IDENTIFICATION

Become familiar with the names and locations of the controls and features shown below to better understand the instructions when mentioned later in this manual.



A	Work Piece Stop
B	100 x 915mm Abrasive Belt
C	Grinding Belt Adjustment Knob
D	ON / OFF Switch
E	Tilting Table
F	Mitre Gauge
G	Ø150mm Sanding Disc
H	Belt Tensioner

I	Level Stop
J	Drive belt
K	Drive belt Cover
L	Linisher Belt Angle Adjustment
M	Drive Belt Tension Adjustment
N	Lower Linishing Belt Guard
O	Sanding Disc Guard

2. SAFETY INFORMATION

2.1 GENERAL WOODWORKING MACHINE SAFETY

DO NOT use this machine unless you have read this manual or have been instructed in the use of this machine in its safe use and operation.



WARNING

This manual provides safety instructions on the proper setup, operation, maintenance, and service of this machine. Save this manual, refer to it often, and use it to instruct other operators.

Failure to read, understand and follow the instructions in this manual may result in fire or serious personal injury—including amputation, electrocution, or death.

The owner of this machine is solely responsible for its safe use. This responsibility includes, but is not limited to proper installation in a safe environment, personnel training and authorization to use, proper inspection and maintenance, manual availability and comprehension of the application of the safety devices, integrity, and the use of personal protective equipment.

The manufacturer will not be held liable for injury or property damage from negligence, improper training, machine modifications or misuse.

Exposure to the dust created by power sanding, sawing, grinding, drilling and other construction activities may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing the dust, and avoid prolonged contact with dust. Some examples of these chemicals are:



- ☐ Lead from lead-based paints.
- ☐ Crystalline silica from bricks, cement and other masonry products.
- ☐ Arsenic and chromium from chemically-treated timber.

Always operate tool in well ventilated area and provide for proper dust removal. Use a dust collection system along with an air filtration system whenever possible. Always use properly fitting approved respiratory protection appropriate for the dust exposure, and wash exposed areas with soap and water.



Safety glasses must be worn at all times in work areas. Earmuffs should be worn if the work area is noisy.



Sturdy footwear must be worn at all times in work areas.



Gloves should NOT be worn when operating machinery. Should only be worn when handling the material.



Long and loose hair must be contained with a net or under a hat.

2.1 GENERAL WOODWORKING MACHINE SAFETY Cont.

DISCONNECT POWER FIRST. If using power, always disconnect the machine from power supply before making adjustments, or servicing the machine. This prevents any risk of injury from unintended startup or contact with live wires.

HEARING PROTECTION. Always wear hearing protection when operating or observing loud machinery. Extended exposure to this noise without hearing protection can cause permanent hearing loss.

REMOVE ADJUSTING TOOLS. Tools left on machinery can become dangerous projectiles upon startup. Never leave hex keys, wrenches, or any other tools on machine. Always verify removal before starting!

USE CORRECT TOOL FOR THE JOB. Only use this tool for its intended purpose. Do not force the machine or its attachments to do a job for which they were not designed. Never make unapproved modifications. Modifying the machine or using it differently than intended may result in malfunction or mechanical failure that can lead to personal injury or death!

AWKWARD POSITIONS. Keep proper footing and balance at all times when operating machine. Do not overreach! Avoid awkward hand positions that make operating control difficult. This could increase the risk of accidental injury.

GUARDS & COVERS. Guards and covers reduce accidental contact with moving parts or flying debris. Make sure they are properly installed, undamaged and working correctly.

MENTAL ALERTNESS REQUIRED. Full mental alertness is required for safe operation of machinery. Never operate under the influence of drugs or alcohol, when tired, or when distracted.

TRAINED OPERATORS ONLY. Only allow trained or supervised people to use this machine. When the machine is not being used, disconnect the power to the machine to prevent unauthorized use—especially around children. Make the workshop safe.

FORCING MACHINERY. Do not force the machine. It will do the job safer and better at the rate for which it was designed.

NEVER STAND ON MACHINE. Serious injury may occur if the machine is tipped or if the cutting tool is unintentionally contacted

STABLE MACHINE. Unexpected movement during operation greatly increases risk of injury or loss of control. Before starting, verify the machine is stable and if using a mobile base it is locked in position.

UNATTENDED OPERATION. To reduce the risk of accidental injury, turn the machine OFF and ensure all moving parts have completely stopped before walking away. Never leave the machine running while unattended.

MAINTAIN WITH CARE. Follow all the maintenance instructions and lubrication schedules to keep the machine in good working condition. A machine that is improperly maintained could malfunction, leading to serious personal injury or death.

CHECK DAMAGED PARTS. Regularly inspect the machine for any condition that may affect the safe operation. Immediately repair or replace damaged or parts that are incorrectly fitted before operating.

CHILDREN & BYSTANDERS. Keep children and bystanders at a safe distance from the work area. Stop using machine if they become a distraction.



WARNING!

Before operating any machine, take time to read and understand all safety signs and symbols. If not understood seek explanation from your supervisor or an experienced operator.

2.2 SPECIFIC SAFETY FOR LINISHER SANDER

DO NOT use this machine unless you have been instructed in its safe use and operation and have read and understood this manual



Safety glasses must be worn at all times in work areas



Long and loose hair must be contained or restrained



Sturdy footwear must be worn at all times in work areas



Close fitting/protective clothing must be worn



Rings and jewellery must not be worn.



A mask must be worn when excessive airborne dust is created

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Check the workroom and walkways to ensure there are no slip/trip hazards present.
- ✓ Ensure you are familiar with the operation of the ON/OFF DOL switch and emergency stop.
- ✓ Check the finishing belt is in a serviceable condition with no edge fraying, tears or holes
- ✓ Ensure the operator be positioned out of direct line of abrasive belt at all times.
- ✓ Ensure dust extraction is on before operating sanding machine.
- ✓ Faulty equipment must not be used. Immediately report suspect machinery.
- ✓ Ensure material is well supported – use roller/support stand/s for longer lengths.

OPERATIONAL SAFETY CHECKS

- ✓ Allow machine to reach maximum revolutions before operating to avoid overloading.
- ✓ Hold material firmly against stops or table before applying pressure on abrasive belt.
- ✓ Keep fingers clear of the sanding belt while sanding.
- ✓ NEVER attempt to sand small items or try to sharpen metal items.
- ✓ Never leave the machine while it is running.
- ✓ Before making adjustments switch off and bring the machine to a complete standstill.

DON'T

- × DO NOT operate equipment without wearing appropriate PPE
- × DO NOT use the wrong type of belt or disc for the operation.
- × DO NOT attempt to sand very small items or use heavy pressure
- × NEVER leave the machine running unattended.
- × DO NOT use faulty equipment. Immediately report any suspect equipment and apply a "DO NOT USE" tag

POTENTIAL HAZARDS

- | | | |
|--|--|--|
| ☐ Exposure to moving, abrasive and rotating parts | ☐ Burns to skin | |
| ☐ Eye injuries | ☐ Ejected waste | ☐ Excessive dusts |
| ☐ Pinch and squash | | |

3. POWER SUPPLY

3.1 ELECTRICAL INSTALLATION

Place the machine near an existing power source. Make sure all power cords are protected from traffic, material handling, moisture, chemicals, or other hazards. Make sure there is access to a means of disconnecting the power source. The electrical circuit must meet the requirements for the power used by the machine.

NOTE : The use of an extension cord is not recommended as it may decrease the life of electrical components on your machine.

ELECTRICAL REQUIREMENTS

Nominal Voltage.....	240V
Cycle.....	50 Hz
Phase.....	Single Phase
Power Supply Circuit.....	10 Amps
Full Load Current.....	2.2 Amps

(Full load current rating is also on the specification plate on the motor.)

3.2 FULL-LOAD CURRENT RATING

The full-load current rating is the amperage a machine draws when running at 100% of the output power. Where machines have more than one motor, the full load current is the amperage drawn by the largest motor or a total of all the motors and electrical devices that might operate at one time during normal operations.

Full-Load Current Rating for these machine is available on the motor plate.

It should be noted that the full-load current is not the maximum amount of amps that the machine will draw. If the machine is overloaded, it will draw additional amps beyond the full-load rating and if the machine is overloaded for a long period of time, damage, overheating, or fire may be caused to the motor and circuitry.

This is especially true if connected to an undersized circuit or a long extension lead. To reduce the risk of these hazards, avoid overloading the machine during operation and make sure it is connected to a power supply circuit that meets the requirements.



4 SET-UP

4.1 UNPACKING

This machine was carefully packaged for safe transport. When unpacking, separate all enclosed items from packaging materials and inspect them for shipping damage. If items are damaged, please contact your distributor.

NOTE: Save all the packaging materials until you are completely satisfied with the machine and have resolved any issues with the distributor, or the shipping agent.

When unpacking, check the packing list to make sure that all parts shown are included. If any parts are missing or broken, please contact your distributor.

4.2 CLEAN - UP

The unpainted surfaces of the machine have been coated with a waxy oil to protect them from corrosion during shipment. Remove the protective coating with a solvent cleaner or a citrus based degreaser.

Optimum performance from your machine will be achieved when you clean all moving parts or sliding contact surfaces that are coated with rust preventive products.

It is advised to avoid chlorine based solvents, such as acetone or brake parts cleaner, as they will damage painted surfaces and strip metal should they come in contact. Always follow the manufacturer's instructions when using any type of cleaning product.

4.3 SITE PREPARATION

When selecting the site for the machine, consider the largest size of workpiece that will be processed through the machine and provide enough space around the machine for operating the machine safely. Consideration should be given to the installation of auxiliary equipment. Leave enough space around the machine to open or remove doors/covers as required for the maintenance and service as described in this manual.

It is recommended that the machine is anchored to the floor to prevent tipping or shifting. It also reduces vibration that may occur during operation.

4.4 LIFTING INSTRUCTIONS

On the day that the machine arrives, make sure that there is assistance available to unload the machine from the vehicle. Ensure access to the chosen site is clear receive the machine.



CAUTION

This machine may not appear to be that heavy but damage to the back or legs can occur if lifting practices are not followed. When lifting bend the knees and keep the back straight.

4.5 ASSEMBLY

In order to reduce the footprint of the machine for packaging, several items are dismantled from the machine and need to be re-affixed.

DISC TABLE

Locate the disc support casting and disc table. Turn the table over, place the bracket onto the table as illustrated. (See Fig 2) Locate the three shake proof washers and, place them over the threaded holes, insert the three bolts and finger tighten.

Tighten the bolts using a spanner. DO NOT over tighten, remember this is a casting.

Put the table assembly aside to fit later.

FITTING THE SANDING DISC

Clean the surface of the disc with a degreasing cleaner, methylated spirit or acetone. if you don't have a proprietary cleaner. Allow to dry off and wipe over with a clean dry cloth. Locate the sanding disc backing pad, peel the cover from the adhesive surface and apply CAREFULLY to the disc.

Locate the sanding disc and use a piece of cloth in your hand or wear a glove to firmly press the abrasive disc to the hook & loop backing disc. Replace the disc guard with the two screws.

The application will be reinforced by a gentle sanding action across the face when you first use the new sanding disc.

MOUNTING THE DISC TABLE

Place the table in the mounting holes and place the star knob threaded bolt through the slot in the clamping quadrant and screw into the chassis. (See Fig. 4)

Leave sufficient gap between the table edge and the disc by loosening the table fixing bolts and slewing the table until the disc spins freely.

Proceed to tighten up all screws and bolts, Do not over tighten the bolts, remember the table is a casting. Set the table to 90° according to scale on the machine.

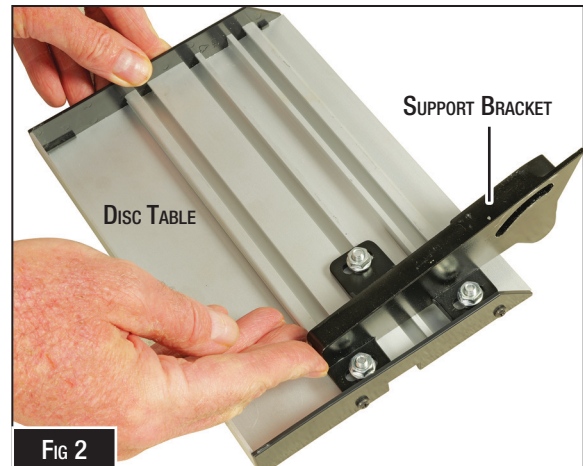


FIG 2



FIG 3

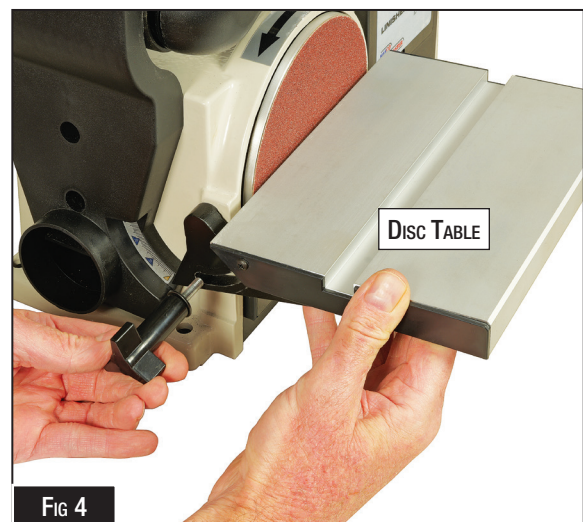


FIG 4



WARNING!

Abrasive sparks from grinding can cause serious and permanent eye damage. Always use a face shield and safety glasses together to insure best eye protection.

5. OPERATION

This machine may perform many types of operations that are beyond the scope of this manual. Many of these operations may be dangerous or deadly if performed incorrectly.

The instructions in this section are written with the understanding that the operator has the necessary knowledge and skills to operate this machine. If at any time you are experiencing difficulties performing any operation, stop using the machine! **Above all, your safety should come first!**

5.1 OPERATION OVERVIEW

This overview purpose is to provide a novice machine operator with a basic understanding of how the machine is used during operation, and so that if the machine controls or components are mentioned later in this manual, it will be easy to understand. The overview is not intended to be an instructional guide and is only generic in nature. To learn more about the specific operation, read this entire manual and seek additional training from an experienced machine operator. Another source of information may be found in video's on websites or by reading trade magazines.

The typical operation, consists of the following:

1. Examine the workpiece to make sure it is suitable for sanding.
2. Inspect and install the correct sanding belt/disc with the appropriate grit for operation.
3. For sanding on the belt: Adjust the platen tilt as desired (and table/miter gauge, if used).
For sanding on disc: Adjust the table tilt and/or the mitre gauge position to the desired location.
4. Secure loose clothing, remove loose jewellery, and tie back long hair.
5. Put on safety glasses and respirator. Take all other required safety precautions.
6. Start the dust collector, then turn the sander ON.
7. Hold the workpiece firmly against the back stop or table and mitre gauge (if used), then slowly push the workpiece into the sanding belt or along the sanding disc on the down spin side of the disc. Move the workpiece back and forth to wear the belt or disc evenly and to prevent overheating.
8. Turn the sander OFF, then stop the dust collector.

5.2 COMMISSIONING

This section of the manual is a safety checklist to complete before using the machine for the first time.

1. Check that the voltage and power information on the machine's type plate matches your electrical supply.
2. Make sure all guards, covers, and safety devices are properly installed.
3. Verify that the sanding belt and sanding disc can move freely and are not obstructed.
 - If you are sanding previously used wood, inspect it for foreign objects such as nails, screws, staples, or other metal pieces.
4. Before turning the machine on, ensure:
 - The sanding paper/belt is installed correctly.
 - All moving parts operate smoothly without binding or excessive resistance.



WARNING!

When operating a Sander it is important to wear appropriate safety gear to protect yourself from injury. Dust particles can cause lung damage.

ON/OFF Switch. (Fig. 5)

Press "I" to turn the machine ON.
Press "O" to turn the machine OFF.

Adjusting the Sanding Table. (Fig. 6)

The sanding table can be tilted anywhere between 0°-45°.

NOTE: The gap between the sanding table and the sanding wheel must be 2 mm or less, and the sanding wheel must still rotate freely.

To set the gap: (Fig. 7)

1. Loosen the clamping screw.
2. Loosen the three nuts underneath the sanding table using a hex wrench/spanner.
3. Insert a spacer such as a thin panel or sheet that is no thicker than 2 mm between the sanding table and the sanding wheel.
4. Tighten the three nuts and then tighten the clamping screw. Remove the space.



CAUTION!

Never walk away from the machine while it is still running. Always lock the switch in the OFF position and unplug from the power supply when not in use.

5.3 REPLACING THE SANDING BELT

1. Unplug the machine from the power outlet.
2. Use the supplied Allen key to loosen the Allen screw.
3. Use a Phillips-head screwdriver (not supplied) to loosen the screws.
4. Remove the grinding belt guard from the grinding belt holder by tilting the holder slightly. (Fig. 8)
5. Pull out the grinding belt tensioner to release tension on the grinding belt. (Fig. 9)
6. Remove the grinding belt by sliding it forward off the machine

NOTE: Make sure that the belt will be traveling in the direction of the arrow on the back of the belt.

7. Install the new grinding belt by reversing the removal steps:
 - Position the new belt correctly on the rollers.
 - Fit the belt into place.
8. Release the tensioner so it tensions the belt.



FIG. 5

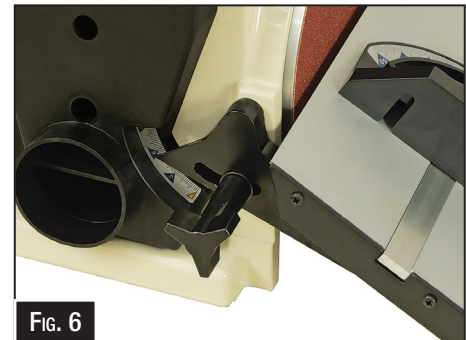


FIG. 6



FIG. 7



FIG. 8



FIG. 9

5.4 TRACKING THE SANDING BELT

This is a set of instructions for aligning a sanding belt on the belt sander.

To Adjust the Belt:

1. Unplug the machine from the power outlet.
2. Turn the sanding belt by hand in its normal direction of travel.
3. Check that the belt is running in the center of the sanding surface.
4. If the belt drifts to one side, adjust the knurled screw until the belt tracks centrally. (Fig. 10)

Practical tips:

- Make small adjustments to the knurled screw rather than large turns.
- After each adjustment, rotate the belt by hand again to check its position.
- The belt should not rub against either edge of the machine.

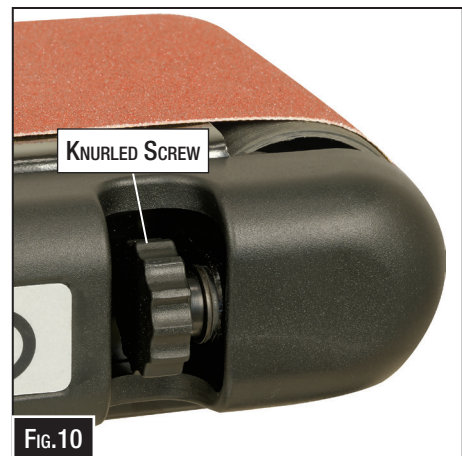


Fig.10

5.5 RAISING THE LINISHER TO VERTICAL

If you require to raise the linishing table to the vertical using the 6mm Allen Key provided loosen the swivel mandrel cap head bolt

Raise the linisher table either to its vertical stops or to the position required & re-tighten the swivel mandrel-clamping bolt.

Once the linisher is in the vertical position the work stop plate can be used to support small pieces while sanding.



Fig.11

5.6 MOUNTING THE DISC TABLE TO THE LINISHER

The sanding disc table can be mounted in place of the work piece stop plate to give more support and the use of the mitre fence.

Remove the work stop plate from the linisher chassis and place safely aside.

Undo the star threaded bolt and remove the table.

Line up the table to the embossed hole in the linisher chassis then introduce the star knob threaded bolt through the slot in the clamping quadrant and screw into the threaded hole in the linisher chassis.

Use a known 90° reference square and check that the table is set square to the belt sander.



Fig.12

6. MAINTENANCE

WARNING! Before maintaining or cleaning the machine, turn off the circuit breaker, or disconnect the machine from the power supply.

For optimum performance from the machine, it is important that the machine is well cleaned and maintained.

6.1 SCHEDULE

Daily Check

- Loose mounting bolts.
- Worn or damaged wires.
- Check/adjust belt.
- Any unsafe condition

Cleaning the machine is relatively easy. REMOVE EXCESSIVE DUST BUILD-UP, Wipe down all unpainted and machined surfaces daily to keep them dust free and in top condition. This includes any surface that is vulnerable to dust build-up if left unattended.

6.2 TROUBLESHOOTING

Review the troubleshooting and procedures in this section if a problem develops with your machine. If you need replacement parts then follow the procedure in the beginning of the spare parts section or if additional help with a procedure is required, then contact your distributor.

Note: Make sure you have the model of the machine, serial number, and manufacture date before calling.

Symptom	Possible Cause	Possible Solution
The machine will not start	1. Unplugged from power supply 2. Protector is tripped 3. Power cord is damaged	1. Check all plug connections 2. Replace fuse or reset circuit breaker 3. Replace cord
Belt does not come up to speed	1. Extension cord too light or too long 2. Motor is not wired for proper voltage 3. Low current	1. Replace with adequate size and proper length cord 2. Refer to motor junction box for proper wiring 3. Contact a qualified electrician
Machine vibrates excessively	1. Stand on uneven floor 2. Motor mounts are loose 3. Tension spring is worn or broken	1. Adjust base so that it rests evenly on the floor 2. Tighten motor mount bolts. 3. Replace spring
Abrasive belt keeps tearing	1. Belt is running in the wrong direction	1. The sanding belt should be running in the same direction as the rotation label.
Sanded edge not square	1. Table isn't square to sanding platen	1. Use a square to adjust table to the sanding platen
Sanding marks on workpiece	1. Workpiece is held still 2. Wrong grit sanding belt 3. Feed pressure too great 4. Sanding against the grain	1. Keep workpiece moving 2. Use coarser grit for stock removal and fine grit for finish sanding. 3. Never force the workpiece into sanding platen 4. Sand with the grain
Grains easily rub off belt.	1. Belt has been stored in damp environment. 2. Belt has been smashed or folded. 3. Replacement belt is too old.	1. Replace damaged belt. Store belt in a cool, dry area. 2. Replace damaged belt. Do not bend or fold belt. 3. Use new belt.
Deep sanding grooves or scratches in workpiece.	1. Excessive pressure while grinding. 2. Workpiece held still for too long against belt. 3. Belt too coarse. 4. Platen worn.	1. Reduce feed workpiece pressure. 2. Keep workpiece moving while grinding. 3. Use finer grit belt. 4. Replace platen.
Snake-shaped marks on workpiece.	1. Belt loaded up. 2. Belt damaged. 3. Platen worn.	1. Clean belt. 2. Replace belt. 3. Replace platen.
Belt clogs quickly.	1. Excessive pressure while grinding. 2. Belt worn or damaged. 3. Workpiece material is prone to belt clogging, such as soft aluminum.	1. Clean belt, and then reduce workpiece pressure. 2. Replace belt. 3. Reduce feed pressure. Use coarser-grit belt.

BELT & DISC LINISHER/SANDER

L-46C

Order Code: (L1055)

The following section covers the spare parts diagrams and lists that were current at the time this manual was originally printed. Due to continuous improvements of the machine, changes may be made at anytime without notification.

HOW TO ORDER SPARE PARTS

1. Have your machines model number, serial number & date of manufacture on hand, these can be found on the specification plate mounted on the machine.
2. A scanned copy of your parts list/diagram with required spare part/s identified.

NOTE: SOME PARTS MAY ONLY BE AVAILABLE AS AN ASSEMBLY

3. Go to www.machineryhouse.com.au/contactus and fill out the inquiry form attaching a copy of scanned parts list.



WARNING!

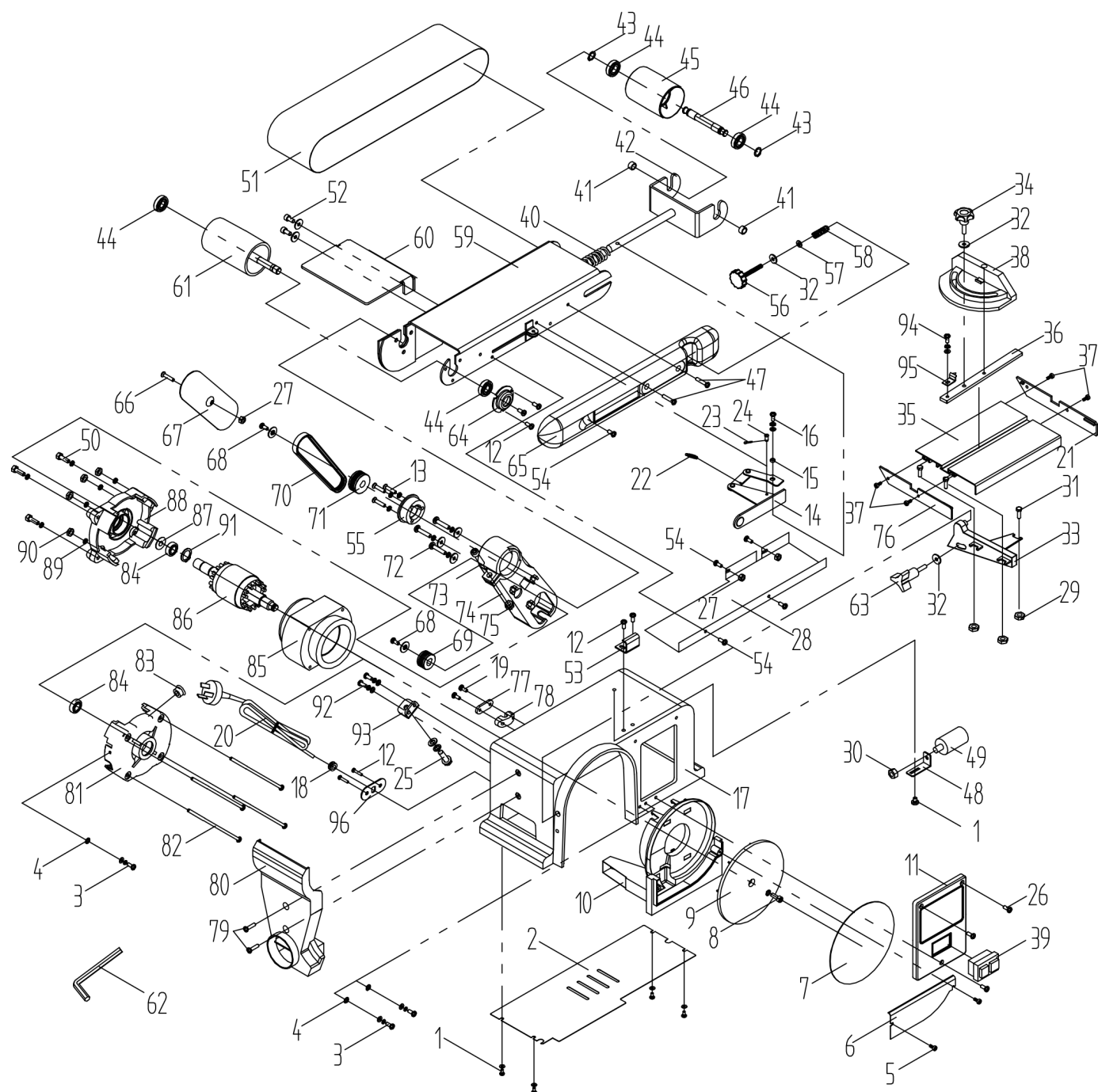
*Electricity is dangerous and could cause death.
All electrical work must be carried out by a qualified electrician.*



CAUTION!

It is impossible to cover all possible hazards Every workshop environment is different. These are designed as a guide to be used to compliment training and as a reminder to users prior to equipment use. Always consider safety first, as it applies to the individual working conditions.

PARTS LIST DIAGRAM



PARTS LIST

Item	Description	Spec.	Qty	Item	Description	Spec.	Qty
1	Pan head screw + spring and flat washer	M4X6	5	47	Phillips pan head screws	M5*25	2
2	Base plate (galvanized sheet)		1	48	Capacitor bracket		1
3	Pan head screw + spring and flat washer	M4X8	3	49	Capacitors		1
4	Outer teeth lock washers	ø4	3	50	Hex head bolts + spring washers	M6X20	3
5	Phillips slot pan head self-tapping screws	ST4.2X10	2	51	Sanding belt	100*915	1
6	Sand tray lid		1	52	Hex head screws + flat washer	M8X16	2
7	Sandpaper paper		1	53	Bracket support		1
8	Hex head screw + locking washer	M6X16	1	54	Phillips pan head screws	M5x16	5
9	Aluminum sand tray		1	55	Bearing housing		1
10	Wheel box		1	56	Sanding belt tracking knob		1
11	Switch panel		1	57	Rubber washers		1
12	Phillips pan head screws	M5X8	5	58	Adjust the spring		1
13	Phillips pan head screw + spring washer	M5X25	3	59	Bracket assembly		1
14	Belt Release handle		1	60	Limit plate		1
15	Bushings		1	61	Drive the drum		1
16	Pan head screw + lock and flat washer	M5X16	1	62	Hex key		1
17	Base		1	63	Workbench locks handles		1
18	Gromet	6P4	1	64	Bearing cap		1
19	Phillips pan head screws	M4x20	2	65	Bracket cover		1
20	Power lead		1	66	Phillips slot pan head screw + flat washer	M5x25	1
21	Workbench left baffle		1	67	Belt cover plate		1
22	Tension spring		1	68	Countersunk screw, shaped lock washer	M5x16	2
23	Cotter pin	1.6X10	1	69	Motor shaft wheel		1
24	Pin shaft	5X10	1	70	Belt		1
25	Hex head screw spring and flat washer	M8X30	1	71	Driven wheel		1
26	Phillips pan head screws	M4X12	3	72	Pan head screw + spring and flat washer	M6x25	3
27	Locknut	M5	3	73	Hex cylindrical head bolts	M8X25	1
28	Protective plates		1	74	Belt cover		1
29	Hex flange nut	M6	3	75	Hex nut	M8	1
30	Hex nut	M8	1	76	Workbench right baffle		1
31	Hex head bolts	M6*14	3	77	The pad cannot be pulled off		1
32	Large flat washers	ø6	3	78	Pull the board without detachment		1
33	Workbench bracket		1	79	Phillips pan head screws	M5*20	2
34	Dial handle		1	80	Vacuum cover		1
35	Workbench		1	81	Front end cap		1
36	Diagonal baton		1	82	Phillips pan head screws	M6*113	4
37	Pan head self-tapping screws	3.5*9.5	4	83	Protective ring	90#	1
38	Dial dial		1	84	Double-sealed bearings	6003-2RS	2
39	Electromagnetic switch		1	85	Stator wire bundle		1
40	Compression spring		1	86	Rotor		1
41	Sheath		2	87	Wave spring washers	ø35	1
42	Guiding frame		1	88	Rear end cover		1
43	Elastic retaining ring for shafts	D12	2	89	Lightweight spring washers	ø6	4
44	Double-sealed bearings	6001-2RS	4	90	Hex nut	M6	4
45	Driven drum		1	91	Elastic retaining ring for shafts	D17	1
46	Driven shaft		1	92	Pan head screw, spring and flat washer	M5X12	2
				93	Belt cover support plate		1
				94	Pan head screws, spring and flat washer	M5x8	1
				95	Dial dial pointer		1
				96	Line clip baseboard		1

NOTE: SOME INDIVIDUAL PARTS MAY ONLY BE AVAILABLE AS AN ASSEMBLY



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

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