

Linisher Installation Manual

808438 – AA362

812145 – AA482



Protect yourself and others by observing all safety information, warnings and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property.

Please retain instructions for future reference!

1. Contents

1. Contents	2
2. Introduction	3
3. Key Features	3
4. ISO 7010 Symbols used in this manual	4
5. Warnings	4
6. Standards and Approvals	6
7. Technical Specifications	7
8. Safety Instructions	8
9. Product pieces	8
10. Installation	9
11. Maintenance	13
12. Warranties – Terms and Conditions	14

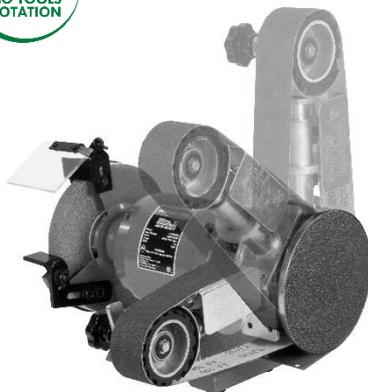
2. Introduction

Dear Customer,

Thank you for purchasing this Abbott & Ashby product, which has passed through our extensive quality assurance process. Every care has been taken to ensure that it reaches you in perfect condition.

3. Key Features

- Easy left or right-hand side installation on most 150mm (6") and 200mm (8") grinders
- Patent pending design allows for fast changes to the working angle without disassembly in 6° increments
- Top platen can be used for flat surface grinding and can be moved out of the way for convenient free strapping
- Easy belt tracking adjustment knob and lock
- Fast belt changes with patent pending push in push out arm retraction/extension system
- 240 Grit belt
- 100 Grit 178mm (7") diameter disc
- 89mm (3.1/2") contact wheel
- Optional Abbott & Ashby Mitre Table (AAMT) accessory is also available
- Linishing Attachment fully assembled out of the box



4. ISO 7010 Symbols used in this manual

	Warning - Electrical safety
	Warning – Potential consequences of use outside of intended application(s). Includes environmental condition warnings.
	Mandatory warning
	Warning to disconnect power
	Read carefully

5. Warnings

	Read the manual carefully before starting and retain for future reference. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term “power tool” in all of the warnings listed below refers to your mains-operated (corded) power tool.
 	Prior to starting installation or any maintenance the product must be disconnected from the power supply.
	Always wear eye protection
	<p>ELECTRICAL SAFETY</p> <ol style="list-style-type: none"> Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

	<p>e. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.</p>
	<p>WORK AREA</p> <p>a. Keep work area clean and well lit. Cluttered and dark areas invite accidents.</p> <p>b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.</p> <p>c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.</p> <p>d. Safe work space. Ensure tool is located in a low traffic area and install safety signage in the area to provide a visual warning to other staff or visitors. It is recommended to mark out a safe work zone to prevent other people from entering when the tool is in use - especially non-qualified users or children.</p> <p>e. For maximum safety, always secure the machine to a stable, level workbench before use. Proper mounting ensures optimal control of the workpiece and helps minimise movement and prevent injury.</p>
	<p>PERSONAL SAFETY</p> <p>a. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.</p> <p>b. Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.</p> <p>c. Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.</p> <p>d. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.</p> <p>e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.</p> <p>f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.</p> <p>g. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.</p>
	<p>POWER TOOL USE AND CARE</p> <p>a. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.</p> <p>b. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.</p> <p>c. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.</p> <p>d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.</p> <p>e. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools</p>

	<p>operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.</p> <p>f. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.</p> <p>g. Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.</p> <p>h. Qualified User. Ensure only qualified or trained users are allowed to operate the tool.</p>
	<p>SERVICE</p> <p>a. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.</p>
	<p>Any changes or modification to the wiring must be carried out by suitably qualified personnel.</p>
	<p>A qualified electrician should correctly size and install residual current devices to protect the power supply. The fitment of additional surge protection is recommended.</p>
	<p>This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.</p>
	<p>Ensure that the installation will comply with all applicable local regulations.</p>

6. Standards and Approvals

	<p>CTick – ACN002 123 337</p>
<p>Patent Pending</p>	<p>2020902087</p>

7. Technical Specifications

808438 – AA362 Linisher	
Bench Grinder Capacity	6" (150mm) 8" (200mm) 10" (250mm) Minimum motor of 1/3 HP (248W) Shaft size – 12mm (½") or 16mm (5/8") Trade/factory bench grinder – Perfect for Abbott & Ashby Bench Grinders
Linishing surface	Belt – 915 x 50mm (36" x 2") Disc – 178mm (7") Contact Wheel – 89mm (3 ½")
Weight	5kg

812145 – AA482 Linisher	
Bench Grinder Capacity	6" (150mm) 8" (200mm) 10" (250mm) Minimum motor of 1/3 HP (248W) Shaft size – 12mm (½") or 16mm (5/8") Trade/factory bench grinder – Perfect for Abbott & Ashby Bench Grinders
Linishing surface	Belt – 1,220mm x 50mm (48" x 2") Disc – 178mm (7") Contact Wheel – 89mm (3 ½")
Weight	6.5kg

8. Safety Instructions

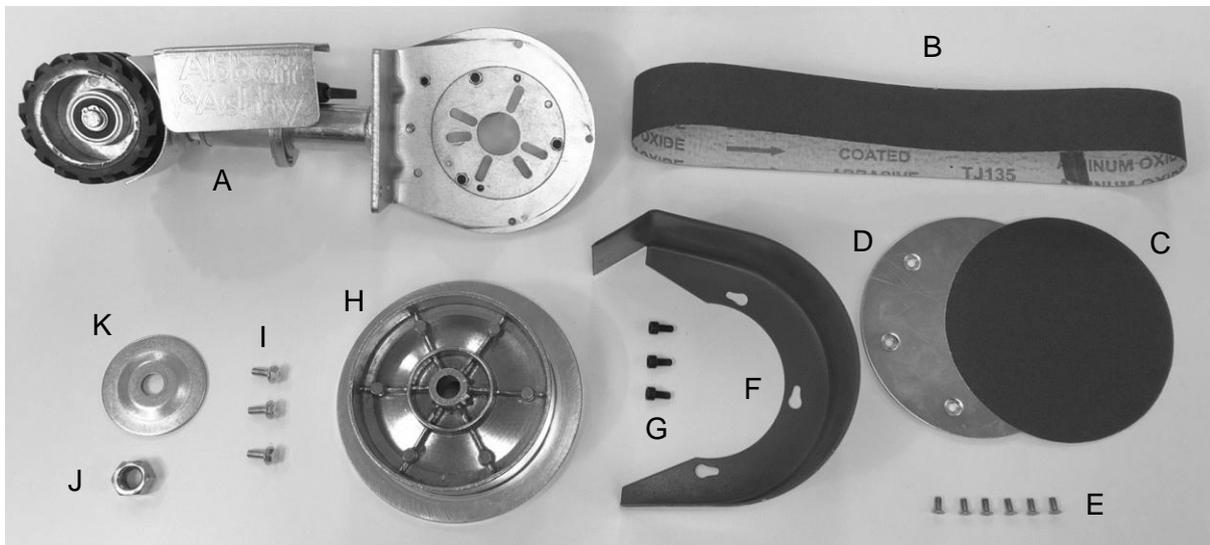
Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property.

Additional safety rules for Bench Grinders - Linisher

- a. Be aware of belt movement and your positioning when grinding. Where possible avoid positioning your body where the grinding belt/disc/wheel is moving towards you, position your body slightly to the side to ensure no material or debris is thrown towards you.
- b. Understand your application and use the correct grit and material belt/disc to suit
- c. Ensure that belt and disc in use is not damaged and if so replace before use. Replacement belts usually have a direction indicator on the inside, ensure the belt is installed correctly with the direction indicator following the movement direction of the tool.
- d. It is recommended to use the guard to lessen the chances of accidents or injury
- e. Ensure the tool is in full operation before you commence the task. Do not hold the material against the belt/disc while the tool is turned "on". Ensure a firm grip is maintained on the material, avoid unnatural hand positions as this can result in sprains, slippage or accidental contact with the sanding surface. Do not attempt to grip objects that are too small to hold safely.

9. Product Pieces

AA362 / AA482 LINISHING ATTACHMENT



LINISHING ATTACHMENT:

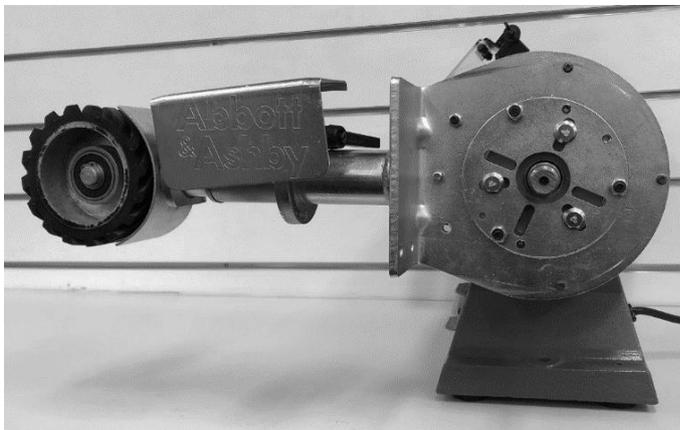
- | | |
|------------------------------------|--|
| A) Main Bracket (Pictured: AA362) | G) 3 x cap screws for guard |
| B) Linishing Belt | H) Drive Pulley |
| C) Abrasive Disc | I) 3 x 6x20mm fasteners for main bracket |
| D) Backing Plate | J) 16mm Nut |
| E) 6 x Fasteners for backing plate | K) Washer |
| F) Linishing Guard | |

10. Installation

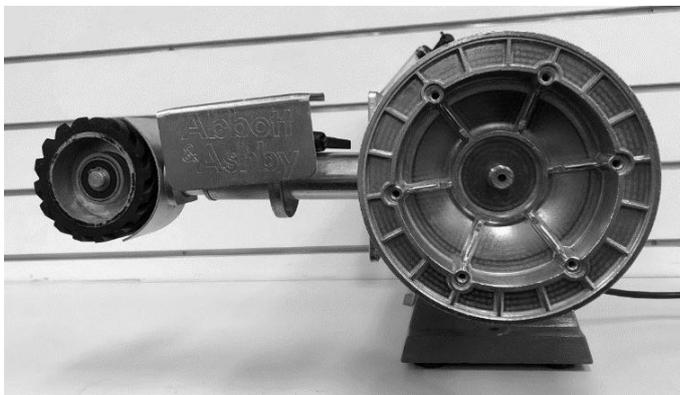
STEPS ONLY REQUIRED FOR INSTALLING ABBOTT & ASHBY AA362/482 LINISHING ATTACHMENT TO AN EXISTING BENCH GRINDER



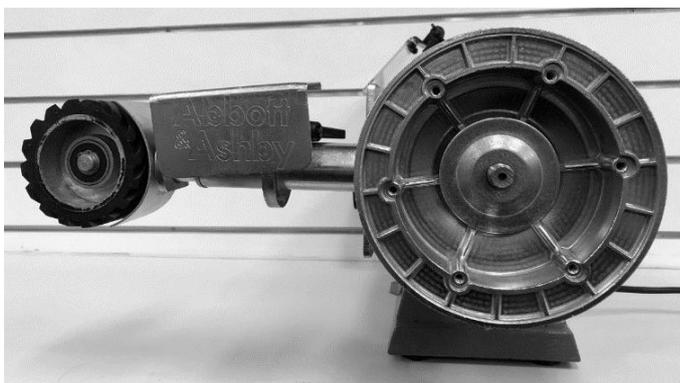
Remove the grinding wheel and guard off the side of the bench grinder that you would like to install the linishing attachment to. Keep the original nut and washer holding the grinding wheel in place



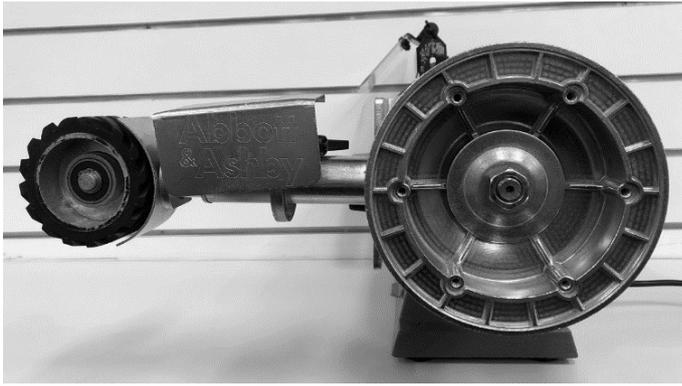
Install the Main Bracket (A) to the Grinder, using the 3 x 6x20mm locking fasteners (I)



Place the Drive Pulley (H) onto the shaft of the bench grinder if it is a 16mm dia shaft. If the bench grinder has a smaller 12mm shaft you will need to insert the bush (not pictured) to the shaft and then place the drive pulley onto the shaft to ensure there is a snug fit.



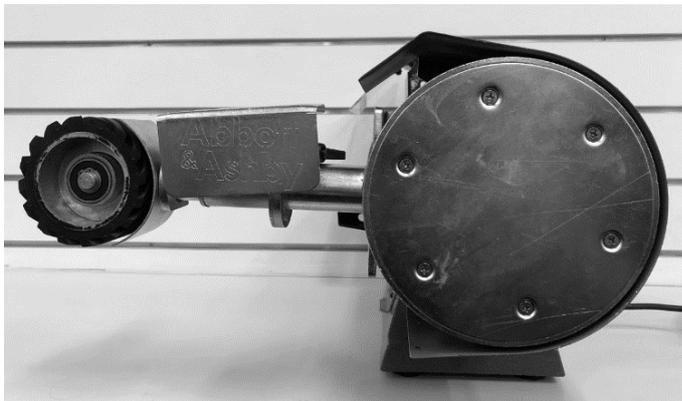
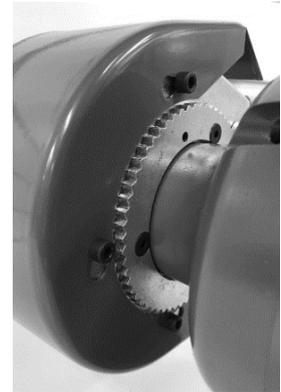
Place the washer (K) over the shaft onto the drive pulley



Place the nut (J) over the washer and secure onto the shaft



Install the guard (F) over the assembly and tighten the 3 x 6mm cap screws (G)

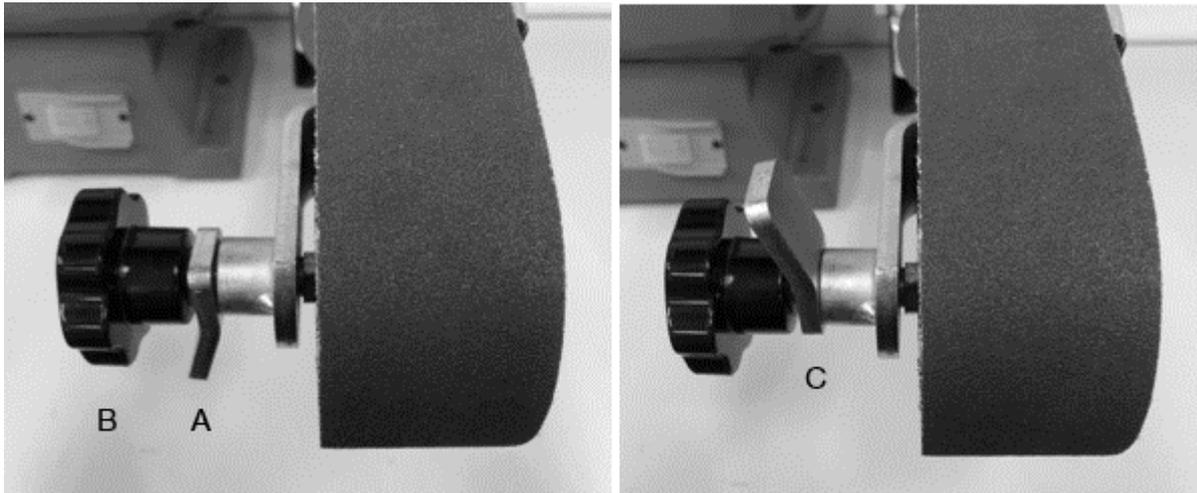


Install the backing plate (D) to the drive pulley with the 6 x fasteners (E)



Attach the abrasive disc (C) to the backing plate. Hold firmly for a few seconds to ensure the adhesive activates.

TRACKING:



Turn the unit on and inspect the movement of the belt. If adjustments are required move the lever into the loose position (A) To correct any tracking concerns simply turn the knob (B) to adjust the tracking and once adjusted lock the lever gently back into place (C).

MOUNTING:

The machine should always be securely fastened to a workbench or pedestal stand before use. Proper mounting improves stability, enhances control of the workpiece, and helps reduce movement, noise, and vibration during operation. To mount, locate the mounting holes in the base. The length of the bolts or screws will depend on the thickness of the work surface. Where a steel bench is used, it is best to mount the machine onto a board first, then attach the board to the bench. This will further assist in reducing vibration. The machine is designed for fixed-position use in a workshop environment and must not be exposed to the elements.

SWITCHING ON AND OFF:

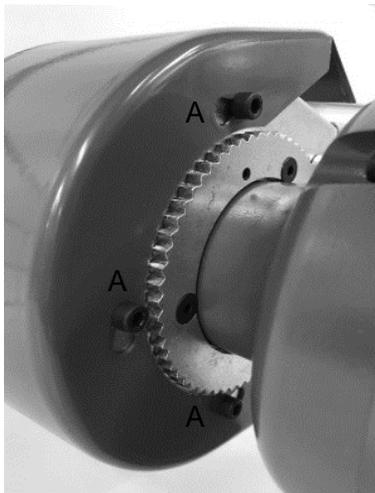
Before connecting to the power supply rotate the wheel by hand to ensure that it is running free from obstruction. Connect to the mains supply and press the rocker switch to the ON position (I). To stop the machine simply press the rocker switch to the OFF position (O).

We also recommend the use of the E-Stop switch ATPED-ESTOP (sold separately)



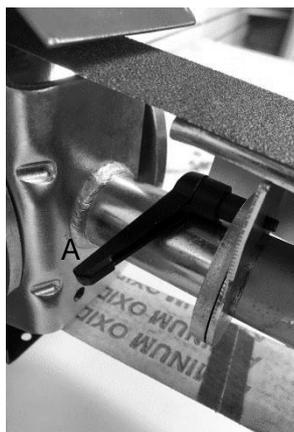
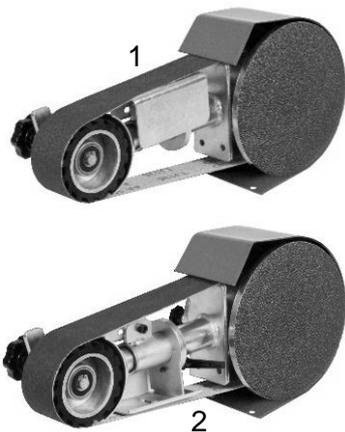
WORKING ANGLE ADJUSTMENT:

Loosen the bolt (A) out of the locking position and lift latch (B) to disengage the locking teeth (C); rotate the linisher to the desired angle. Lock the latch back into place firmly into the locking teeth and fasten the bolt to secure the linisher into position.



GUARD:

Designed for user ease when changing belts or servicing the unit. No need to remove other components in order to remove the guard. Loosen 3 x cap screw (A), rotate the guard slightly and remove.



PLATEN:

Platen swivels from under the belt at the top of the linishing attachment (1) to the bottom of the linisher (2).

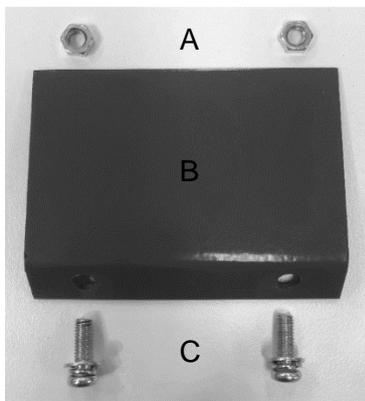
Turn the lever (A) anti-clockwise to loosen the platen and it can be moved into the desired location and locked back into place by tightening the lever by rotating it clockwise. If required you can lift the lever out of its seat to reset the lever turning position.



POSITIONING:

When purchased on its own the AA362/482 Linisher can be mounted on either the left- or right-hand side of the bench grinder to suit your workflow.

There is an additional plate included in the fitting kit that can be installed on the guard to complete the guard when mounted to the left-hand side of a bench grinder



LEFT HAND MOUNT GUARD:

- A) 2 x Nut
- B) Guard Shield
- C) 2 x Retaining fasteners

Only required when the AA362/482 is mounted to the left-hand side of the bench grinder



11. Maintenance



WARNING: REMOVE THE POWER CORD FROM THE POWER SUPPLY BEFORE CARRYING OUT ANY MAINTENANCE

- a. Use a soft dry brush and brush down the body of the unit regularly to ensure there isn't a build of dust and debris on the on the unit.
- b. Remove guards and with a soft dry brush clean the main wheel, extension arm, contact wheel, shaft and inside the guards. Replace the wheel/belt and guards when clean.
- c. Check condition of the wheel, belt and disc, if cracked, torn, worn down or damaged, replace immediately.
- d. Check the condition of the cord to ensure it is not damaged or frayed. As this could cause electrical injuries to the user. If damaged have it repaired by an authorised service agent.
- e. Perform a visual check to ensure tool is functioning as per normal and an audible check for any noise that is not normal. If visual and audible check immediately turn off the tools and contact a relevant repair agent to inspect and service
- f. Regularly check that all the fixing screw, nuts and bolts are tight. They may vibrate loose over time.

12. Warranties – Terms and Conditions

White International Pty Ltd – Abbott & Ashby Linisher AA362 has a 3 Year Limited Product Warranty not including abrasives
White International Pty Ltd – Abbott & Ashby Linisher AA482 has a 3 Year Limited Product Warranty not including abrasives

This warranty is given in addition to the consumer guarantees found within the Australian Competition and Consumer Act 2010 (Cth) for goods purchased in Australia and the Consumer Guarantees Act 1993 NZ for goods purchased in New Zealand:

This warranty will not apply:

- (i) where this product has been subjected to misuse, abuse, accident or want of care;
- (ii) where this product has been used for a purpose for which it was not designed or is not suited;
- (iii) where the service of this product has been undertaken by a non-authorized person or company or if nonapproved parts have been used;
- (iv) where this product has been used for industrial purposes.

WARRANTY EXCLUSIONS

Wear parts or service related parts required when performing normal and regular maintenance of this product are not covered by warranty unless it is found to be defective by an Authorised Service Centre. These include, but are not limited to: Wheels, Belts and Disc, Contact Wheel

1. White International Pty Ltd / White International NZ Ltd (White International) warrant that all products distributed are free from defects in workmanship and materials, for their provided warranty period as indicated on the top or opposite side of this document. Subject to the conditions of the warranty, White International will repair any defective products free of charge at the premises of our authorised service agents throughout Australia and New Zealand if a defect in the product appears during the warranty period. If you believe that you have purchased a defective product and wish to make a claim under this warranty, contact us on our Sales Hotline on 1300 783 601, or send your claim to our postal address or fax line below and we will advise you as to how next to proceed. You will be required to supply a copy of your proof of purchase to make a claim under this warranty.
2. This warranty excludes transportation costs to and from White International or its appointed service agents and excludes defects due to non-compliance with installation instructions, neglect or misuse, inadequate protection against the elements, low voltage or use or operation for purposes other than those for which they were designed. For further information regarding the suitability of your intended application contact us on our Sales Hotline on 1300 783 601. If you make an invalid claim under this warranty, the original product will be sent back to you unrepaid.
3. This warranty refers only to products sold after the 1st January 2012, and is not transferable to another product type and only applies to the original owner, purchaser or end user, and is in addition to the consumer guarantees found within the Competition and Consumer Act 2010 (Cth) for goods purchased in Australia and the Consumer Guarantees Act 1993 (NZ) for goods purchased in New Zealand.
4. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
5. To the fullest extent permitted by law, White International excludes its liability for all other conditions or warranties which would or might otherwise be implied at law. To the fullest extent permitted by law, White International's liability under this warranty and any other conditions, guarantees or warranties at law that cannot be excluded, including those in the Competition and Consumer Act 2010 (Cth), is expressly limited to:
 - a. in the case of products, the replacement of the product or the supply of equivalent product, the payment of the cost of replacing the product or of acquiring an equivalent product or the repair of the product or payment of the cost of having the product repaired, is at the discretion of White International or a 3rd party tribunal elected under the Competition and Consumer Act 2010 (Cth) for goods purchased in Australia and the Consumer Guarantees Act 1993 (NZ) for goods purchased in New Zealand; and
6. To the fullest extent permitted by law, this warranty supersedes all other warranties attached to the product or its packaging.
7. In the case of services, supplying the services again or the payment of the cost of having the services supplied again, is at the discretion of White International or a 3rd party tribunal elected under the Competition and Consumer Act 2010 (Cth) for goods purchased in Australia and the Consumer Guarantees Act 1993 (NZ) for goods purchased in New Zealand.
8. Our warranty commences from the date of purchase of the above mentioned tool. Proof of purchase is required before consideration under warranty is given. Record your date of purchase in the space below and retain this copy for your records.

The White International Policy is one of continuous improvement and the company reserves the right to alter designs, colours and specifications without notice.

The Abbott & Ashby logo is a registered trademark of White International Pty Ltd.

Record your date of purchase in the space below and retain this copy for your records.

Date of Purchase **Model Purchased**

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Please always refer to our website for further technical information & new product innovations.

Disclaimer: Every effort has been made to publish the correct information in this manual. No responsibility will be taken for errors, omissions or changes in product specifications.

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