

VEVOR[®]

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate

www.vevor.com/support

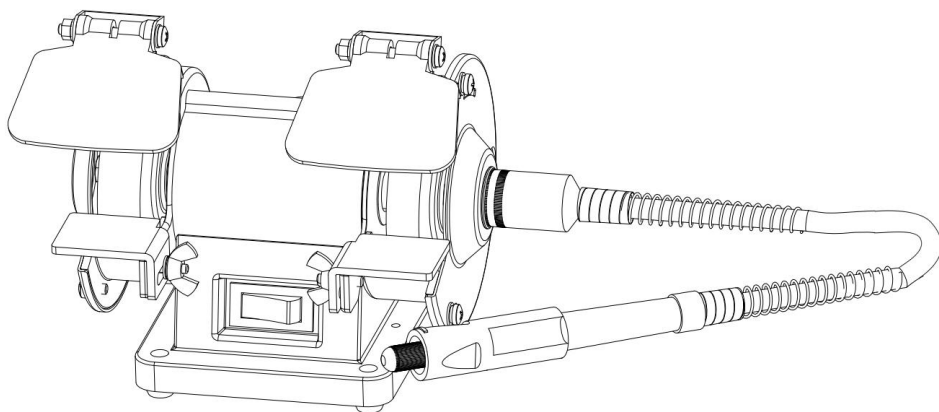
BENCH BUFFER POLISHER USER MANUAL

We continue to be committed to offering tools at competitive prices. "Save Half", "Half Price", or any other similar expressions used by us only represent an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and do not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when placing an order with us if you are saving half in comparison with the top major brands.

VEVOR[®]

BENCH BUFFER POLISHER

MODEL:TDS-75B



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

✉ CustomerService@vevor.com

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

WARNING!

Read all safety warnings, instructions, illustrations and specifications provided with this Bench grinder. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

GENERAL SAFETY RULES

WARNING!

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

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

10. Do not force the machine. It will do the job better and be safer at the rate for which it is designed.
11. 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.
12. 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.
13. Always use safety glasses. Normal spectacles only have impact resistant lenses. They are not safety glasses.
14. Do not over-reach. Keep proper footing and balance at all times.
15. Maintain the machine in good condition. Keep the machine clean for best and safest performance. Follow instructions for lubrication and changing accessories.
16. Disconnect the machine from power source before servicing and when changing the blade.
17. Never leave the machine running unattended. Turn the power off. Do not leave the machine until it comes to a complete stop.
18. Do not use any power tools while under the effects of drugs, alcohol or medication.
19. Always wear a face or dust mask if operation creates a lot of dust and/or chips. Always operate the tool in a well ventilated area and provide for proper dust removal. Use a suitable dust extractor.



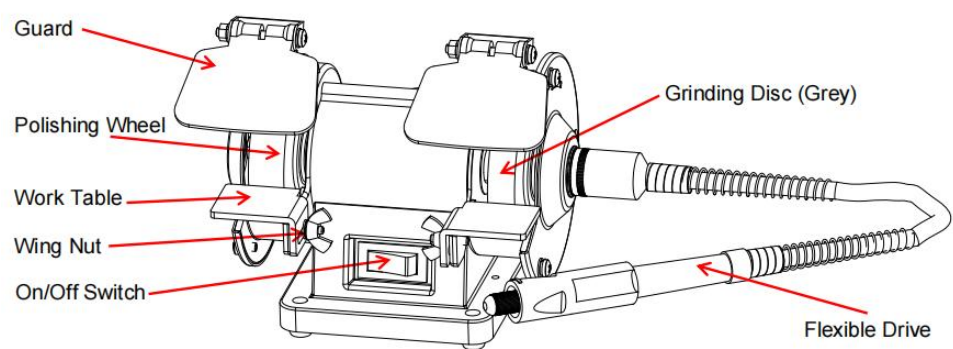
Risk of Injury: Never Reach Into A moving Part

Always Wear Eye Protection

Always Wear A Dust Mask

Always Wear Ear Protection

Overview of 3” Bench Grinder



Specification

Motor (Induction) 230V, 50Hz	50W
Maximum Continuous Runtime S2	30 minutes
No Load Speed	2850rpm
Spindle Diameter	12.7mm (1/2")
Wheel stone size	75mm x 13mm x 12.7mm (3" x 1/2" x 1/2")
Weight	2.2kg
Manufacturer's Warranty	1 year
Rating	Hobby

Rating Description

Hobby: Suitable for Weekend DIY'ers and woodworking enthusiasts.

Generally lighter weight machines with lower power ratings and smaller tooling capacities. Typically only ever used by one person for short periods of time or longer periods of time infrequently. Machinery should be well maintained in a clean, dry environment such as a home workshop, garage or timber shed.

Expected maximum use of 100 hours annually.

Please Note: Using a product in excess of its rating will void the manufacturer's free warranty.

Unpacking



Carefully unpack and check that all items are included as in the photograph.

Assembly



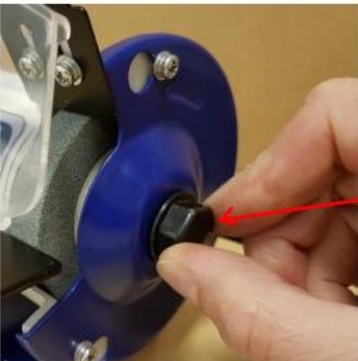
Attach the two Eye Guards using the small screws, washers and locking washers.

Leave a small gap between the spark guard and wheel, not more than 2mm.



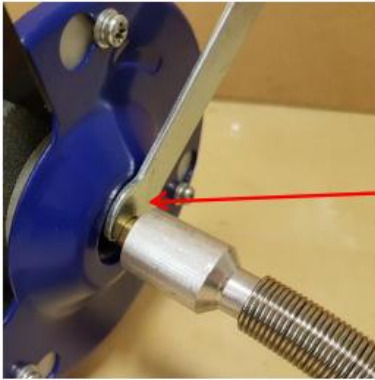
Attach the two work tables using the wingnuts and washers.

Leave a small gap between the work table and the wheel, not more than 2mm.



ONLY ATTACH THE FLEXIBLE SHAFT WHEN YOU INTEND TO USE IT.

WHEN NOT IN USE LEAVE THE PLASTIC THREADED COVER IN PLACE.



To fit the flexible drive:

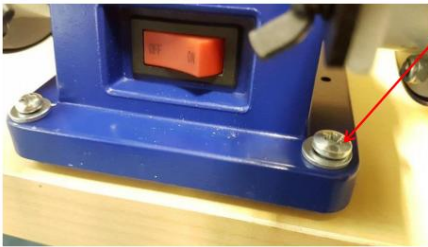
Unscrew the plastic cover nut and keep in a safe place.

Hold the grey grinding wheel with one hand whilst using the spanner to attach the flexible shaft.

Tip: once the thread is slightly on, hold the spanner and spin the grey wheel by hand.

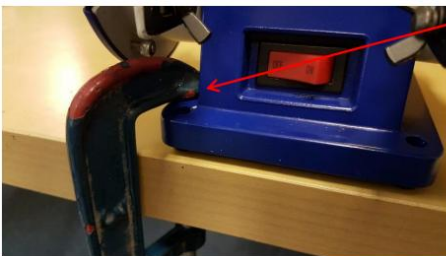
DO NOT OVERTIGHTEN

Setting Up



Secure the Grinder to a bench.

Either screw through the four holes in the base.



Or use a clamp.

Using The Grinder



To start the grinder, set the On/Off switch position to: On

Wait for the motor to reach its maximum speed of rotation. Only then should you begin grinding.

To stop the grinder, set the On/Off switch position to: Off

Be aware the motor will take some time to come to rest.

CAUTION: Do not touch moving parts.

Exert only moderate pressure on the workpiece so that it can be machined at constant speed.

Instead of accelerating your work, high pressure will cause the drive unit to slow down and even stop, thus overloading the motor.

For your own safety, it is essential to hold small pieces with a pair of locking pliers.

Place the workpiece onto the workpiece support and slowly guide the workpiece towards the grinding wheel at the desired angle, to the point where the workpiece and grinding wheel make contact.

Move the workpiece slightly back and forth to produce an optimal grinding result.

This way the grinding wheel will be evenly worn. Allow the workpiece to cool down occasionally.

Allow the workpiece to cool down occasionally.

Using The Flexible Shaft



To fit a tool into the flexible shaft:

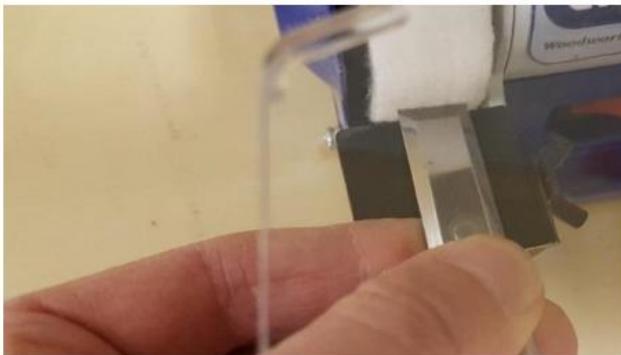
Insert the spindle lock tool into the hole in the outer case of the spindle to stop the spindle rotating.

Put the chosen tool into the collet.

Use the spanner to tighten the collet.

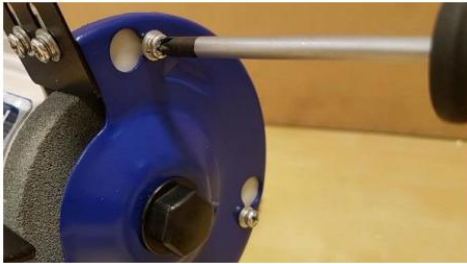
Caution: DO NOT OVERTIGHTEN ALWAYS REMOVE THE FLEXIBLE SHAFT FROM THE GRINDER WHEN NOT IN USE

Using The Polishing Mop



When using the polishing mop a suitable polishing compound should be used.

Maintenance



TO REPLACE THE GREY STONE
Disconnect from the power source.
Using a Philips screwdriver loosen the three screws in the stone guard cover.
Twist and remove the side cover.



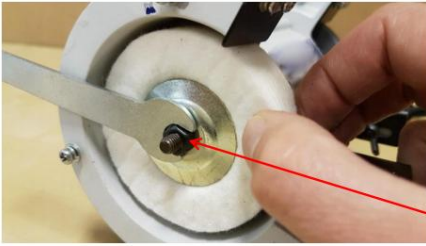
Grasp the stone using a cloth.
Using the spanner provided loosen the nut, remember undo the nut in the direction of the stones rotation as indicated by the arrow on the guard cover.



Remove the plate flange and carefully remove the stone.
Clean the interior of the stone guard.



Inspect the new stone for cracks and damage to either the front face or the edges before fitting.
Carefully slide the stone onto the shaft, replace the plate flange, the nut.
Tighten against the rotation of the stone.
Caution: DO NOT OVERTIGHTEN



TO REPLACE THE WHITE WHEEL

Disconnect from the power source.

Using a Philips screwdriver loosen the three screws in the stone guard cover.

Twist and remove the side cover.

Grasp the wheel using a cloth.

Use the spanner provided to loosen

the nut, remember undo the nut in the direction of the mop rotation as indicated by the arrow on the guard cover.



Remove the plate flange and carefully remove the mop.

Clean the interior mop guard.



Carefully slide the mop onto the shaft, replace the plate flange, the nut and tighten against the rotation of the mop.

Caution: DO NOT OVERTIGHTEN

Troubleshooting

Problem	Cause	Remedy
Machine does not start	Blown Fuse in plug	Replace Fuse
	Loose switch terminal	Inspect back of switch
	Faulty switch	Replace switch
Ground Edge turns bluish black	Edge has overheated	Regularly dip the edge into water to cool it
Wheel not running true	Wheel not dressed	Use a dressing tool to true wheel
Machine slows when operating	Feed rate too great	Reduce the pressure against the wheel



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

	items	Description
1	Name	Bench Buffer Polisher
2	Model	TDS-75B
3	Parameter	Voltage/Frequency: 230VAC/50Hz, Power: 50W, Rated speed: 2850rpm, Wheel size: 75mm
4	Package Size	290x200x185mm
5	G.W.	2.2KG

Manufacturer: Weihai Allwin Electrical & Mechanical Tech. Co., Ltd
Address: No.15-1 SICHAN ROAD, WENDENG, SHANDONG, CHINA

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