



OWNER'S MANUAL



B318N - 6" x 9" BELT AND DISC SANDER



B318N 6”/9” Combination Belt/Disc Sander

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GENERAL SAFETY INSTRUCTIONS

EXTREME CAUTION SHOULD BE USED IN OPERATING ALL POWER TOOLS. KNOW YOUR POWER TOOL, BE FAMILIAR WITH ITS OPERATION. READ THE OWNER'S MANUAL AND PRACTICE SAFE USAGE PROCEDURES AT ALL TIMES.

- ❑ **CONNECT** your machine **ONLY** to the matched and specified power source.
- ❑ **WEAR SAFETY GLASSES, RESPIRATORS, HEARING PROTECTION** and **SAFETY SHOES** when operating heavy machinery. **Always wear safety glasses.**
- ❑ **DO NOT** wear loose clothing or jewellery when operating machinery.
- ❑ **A Safe Environment is important.** Keep the area free of dust, dirt and other debris in the immediate vicinity of the machine.
- ❑ **BE ALERT!** Do Not Use prescription or other drugs that may affect your ability or judgement to safely use this machine.
- ❑ **DISCONNECT** the power source when making other adjustments or repairs.
- ❑ **NEVER** leave an operating tool unattended.
- ❑ **NEVER** reach over the table when the tool is in operation.
- ❑ **ALWAYS** keep all safety guards in place and ensure their proper function.
- ❑ **ALWAYS** use push sticks and featherboards to safely feed your work through the machine.
- ❑ **ALWAYS** make sure that any tools used for adjustments are removed before operating the machine.
- ❑ **ALWAYS** secure your work with the appropriate clamps or vises.
- ❑ **ALWAYS** keep bystanders safely away while operating machinery.
- ❑ **THINK SAFETY. WORK SAFELY.** Never attempt a procedure if it does not feel safe or comfortable.

FEATURES

As part of the growing line of **Craftex** woodworking equipment, we are proud to offer the B318N Belt/Disc Sander. The **Craftex** name guarantees Craft Excellence. By following the instructions and procedures laid out in this owner's manual, you will receive years of excellent service and satisfaction. The B318N is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

Specifications

- Motor: 1/2 HP 110/220V, wired for 110V, sealed ball bearings
- Table size: 12" x 7 1/2" cast aluminum
- Bed size: 6" x 17" cast iron with graphite surface
- Belt size: 6" x 48" - Surface may be positioned anywhere between flat and vertical
- Disc: 9" aluminum
- Dust pick-up: 4"
- Working height: 35" approx.
- Overall size: 39" x 18" x 24"
- Both feed and idler rollers are crowned for easy tracking of belt
- Gross weight: 50 kg.
- 2 Year Warranty

ASSEMBLY

The table and stand are shipped disassembled. To attach the two, please use the following procedures.

1. Remove the stand assembly from the packaging carton. Assemble the stand together. (See Fig.1)
2. Remove the work support from the packaging carton and place it on the sanding belt base. (See Fig.2)
3. Attach the worktable to the disc sander. Insert the work table support bar in to the support bar hole using the socket screw to tighten.
4. Check the machine to make sure that all screws and bolts are tightened securely.



Fig.1

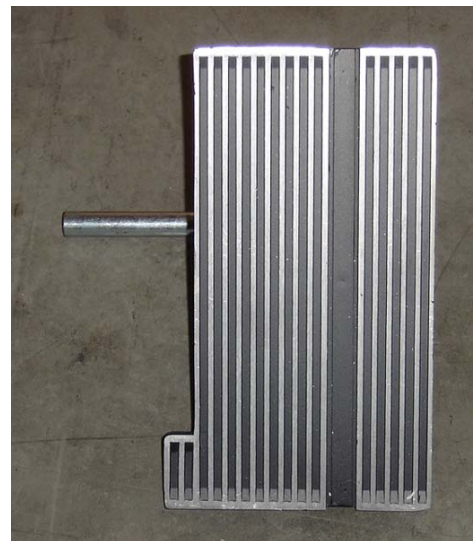


Fig. 2



Fig. 3

Assembly Continued

Changing Belts

1. Remove the table from the machine.
2. Release the tension on the upper drum by turning the handle.
3. Remove the old belt and place new belt over the center of the roller assembly, then tighten the tension assembly.
4. Make sure belt is tracking correctly before starting work.

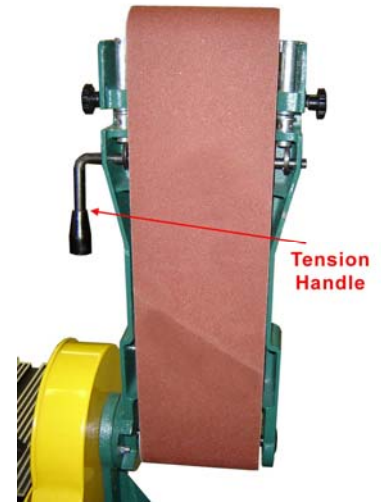


Fig. 1

Tracking Belt

Tracking the belt means to make sure the belt does not move to one side and remains in the center of the drum.

1. Once the belt is mounted turn the sander on and off to check how the belt is tracking.
2. To adjust the tracking turn the adjusting nut located on either side of the machine until the belt tracks in the center of the roller. Fig (2)
3. When complete tighten the lock knob. Fig (3)

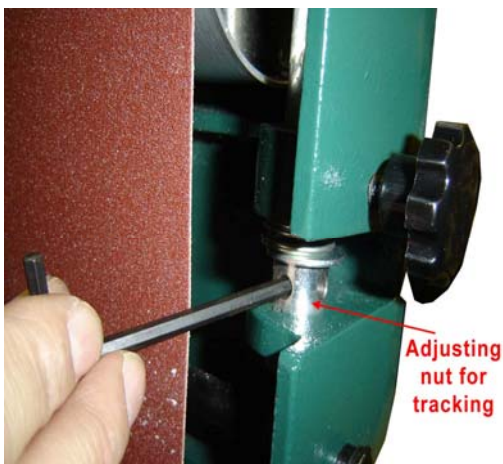


Fig. 2



Fig. 3

Assembly Continued

Horizontal to vertical Position

1. With the use of a # 13 open end wrench loosen the nuts located in Fig. (4).
2. The nuts are located in the back of the disc.
3. You can now raise or lower the position of the belt.
4. When you have the belt in the position required tighten the nuts and you are ready to resume your work.



Fig. 4

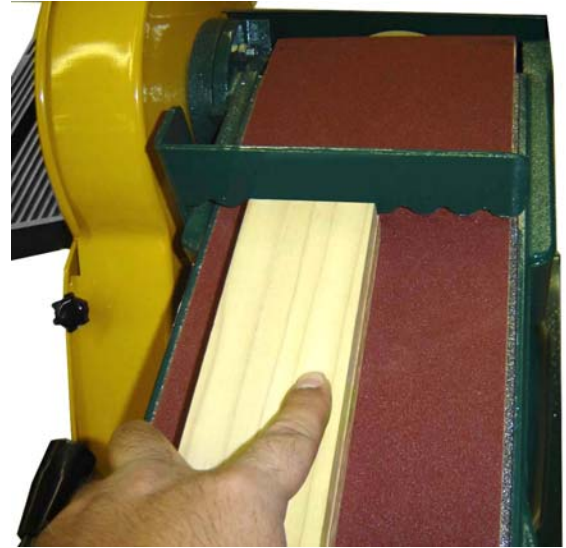
Operation

- Sanding belt and sanding disc are suitable for use on materials such as metal, wood or plastic.
- The work piece should be moved back and forth over the sanding belt to maintain even belt wear and eliminate grooving.
- Use the work support to back up the work piece. If the work piece is longer than the belt surface remove the work support to allow full use of the belt.
- A danger when sanding very soft wood is “over sanding” and wood should be sanded with the grain.
- Excess pressure against the belt is not necessary. Do not push the sanding operation, it will result in stalling the belt, clogging the abrasive, burning the wood, or even tearing the belt.

Operation Continued

Surface Sanding

1. Surface sanding is made easier when the belt sander is in the horizontal position.
2. Keep the work snug against the table as you move it slowly against the belt .
3. Keep your left hand lightly on the surface and place the right hand against the end of the stock to feed it forward.



Cross-bevel Sanding

1. When ever possible tilt the work table to form an open angle with the belt.(using a closed angle might result in jamming the work especially thin stock.
2. After tilting the work table be sure to re-locate the table so its forward edge is close to the abrasive surface.
3. Make sure to tighten the table in place.



General Information

Sanding Disc

- The sanding disc is a standard 9" diameter peel and stick.
- Use 80 grit for general purpose.
- Use 50 grit for rough or course sanding.
- 100 grit and over for fine sanding.

Sanding Belt

- The sanding belt is a standard 6" x 48".
- The use of grit applies the same for belt as disc.

Lubrication

- The sander is fitted with sealed ball bearings which do not require additional lubrication.



WARRANTY

CRAFTEX 2 YEAR LIMITED WARRANTY

Crafttex warrants every product to be free from defects in materials and agrees to correct such defects where applicable. This warranty covers **two years** for parts and 90 days for labour (unless specified otherwise), to the original purchaser from the date of purchase but does not apply to malfunctions arising directly or indirectly from misuse, abuse, improper installation or assembly, negligence, accidents, repairs or alterations or lack of maintenance.

Proof of purchase is necessary.

All warranty claims are subject to inspection of such products or part thereof and Crafttex reserves the right to inspect any returned item before a refund or replacement may be issued.

This warranty shall not apply to consumable products such as blades, bits, belts, cutters, chisels, punches etceteras.

Crafttex shall in no event be liable for injuries, accidental or otherwise, death to persons or damage to property or for incidental contingent, special or consequential damages arising from the use of our products.

RETURNS, REPAIRS AND REPLACEMENTS

To return, repair, or replace a Crafttex product, you must visit the appropriate Busy Bee Tools showroom. Crafttex is a brand of equipment that is exclusive to Busy Bee Tools.

For replacement parts directly from Busy Bee Tools, for this machine, please call 1-800-461-BUSY(2879), and have your credit card and part number handy.

- All returned merchandise will be subject to a minimum charge of 15% for re-stocking and handling with the following qualifications.
- Returns must be pre-authorized by us in writing.
- **We do not accept collect shipments.**
- Items returned for warranty purposes must be insured and shipped pre-paid to the nearest warehouse (see locations on inside back cover of this manual).
- Returns must be accompanied with a copy of your original invoice as proof of purchase. Returns must be in an unused condition and shipped in their original packaging a letter explaining your reason for the return. Incurred shipping and handling charges are not refundable.
- Busy Bee will repair or replace the item at our discretion and subject to our inspection.
- Repaired or replaced items will be returned to you pre-paid by our choice of carriers.
- Busy Bee reserves the right to refuse reimbursement or repairs or replacement if a third party without our prior authorization has carried out repairs to the item.
- Repairs made by Busy Bee are warranted for 30 days on parts and labour.
- Any unforeseen repair charges will be reported to you for acceptance prior to making the repairs.
- The Busy Bee Parts & Service Departments are fully equipped to do repairs on all products purchased from us with the exception of some products that require the return to their authorized repair depots. A Busy Bee representative will provide you with the necessary information to have this done.
- For faster service it is advisable to contact the nearest Busy Bee location for parts availability prior to bringing your product in for repairs.

**For more information, call Toll Free 1-800-461-BUSY(2879)
or visit www.busybeetools.com**



