WOLF BELT SANDER

BY **FOREDOM®**

Operation Manual



SKU: A-WTBS

Designed to Revolutionize Your Finishing Processes.

The Wolf Belt Sander, with 2" belts is ideal for precision bench work, sprue removal, graver/chisel sharpening, knifemaking, tool making, tool modification and more.

Wolf Tools FOREDOM®
Wolf Belt Sander A-WTBS

WARNING – Personal Injury Hazard
Read this manual before operating any Foredom Tool.
Always wear eye protection when using Foredom Tools.
Failure to follow safety instructions may result in serious injury.

WOLF BELT SANDER

BY FOREDOM®

Designed by Kate Wolf and Foredom, as an attachment for Foredom flex shaft machines with key tip shafting.* The Wolf Belt Sander, has 2" belts–and the pivoting swivel bracket makes it easy to work in ergonomically correct positions to:

- Sand flat pieces on the platen.
- Sand mitered angles using the adjustable deck and Angle Gauge.
- Slack sand between the wheels for convex surfaces.
- Sand between the rollers for interior surfaces.
- Sand against 3 different diameter wheels for concave surfaces.

INCLUDES:

- 2"x 13.78" (50mm x 350mm) belts- twice the width of standard 1" sanders.
- 12:1 reduction gear with variable speed.
- Adjustable deck with Angle Gauge for precision sanding.
- Swivel bracket.
- Mounting plate and screws.
- One each 80, 120, 240, 320, 400 Aluminum Oxide belts. (Complete range of belts, from 80 -5,000 grit, available.)

REPLACEMENT SANDING BANDS

SKU	GRIT(S)
A-WTBS-B-FINE-8	Fine Grit Kit, 2 of each 800,1200,3000,5000 GRIT, 8 Total
A-WTBS-B-KIT-10	Mixed Belts, 2 of each 80,120, 240, 320, 400 GRIT, 10 Total
A-WTBS-B80-5	80 Grit, Pack of 5
A-WTBS-B120-5	120 Grit, Pack of 5
A-WTBS-B240-5	240 Grit, Pack of 5
A-WTBS-B320-5	320 Grit, Pack of 5
A-WTBS-B400-5	400 Grit, Pack of
A-WTBS-B800-5	800 Grit (P800), Pack of 5
A-WTBS-B1200-5	1200 Grit (M16), Pack of 5
A-WTBS-B3000-5	3000 Grit (M5), Pack of 5
A-WTBS-B5000-5	5000 Grit (M3), Pack of 5

Use caution when selecting the grit so as not to damage or over sand the metal and material you are working on.

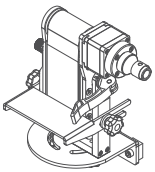
Slip-Joint to Key-Tip Adapter HP771

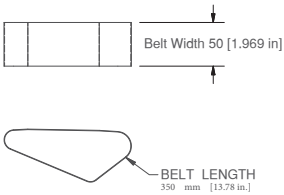
Have a slip-joint shaft but want to use key-tip handpieces and the Wolf Belt Sander? This adapter converts your slip-joint flexible shaft to accept key-tip connections.

3-1/2" long,
5/8" diameter.
Weight: 1.6 oz (2.4 oz packaged).

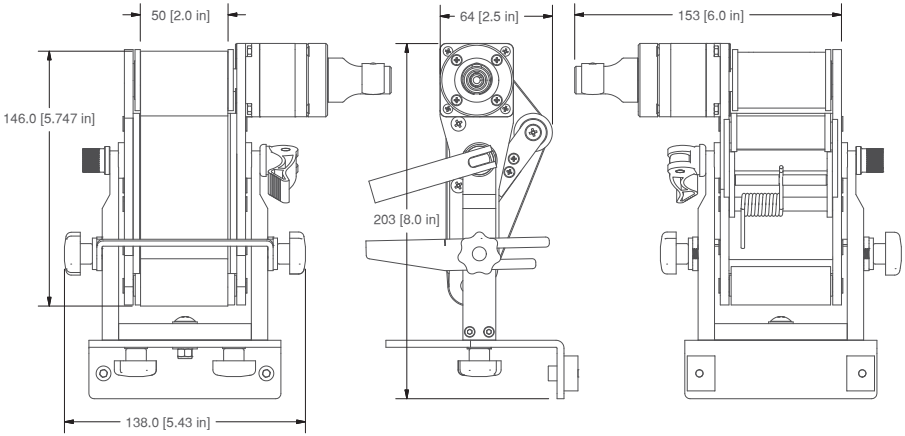


Slip Joint Shaft → Key Tip

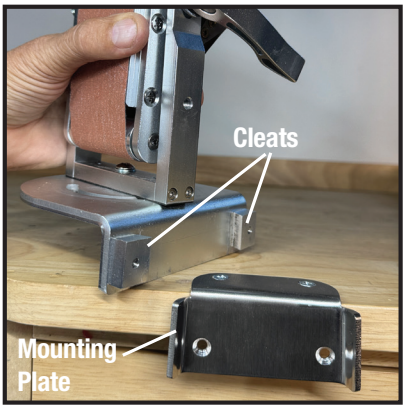




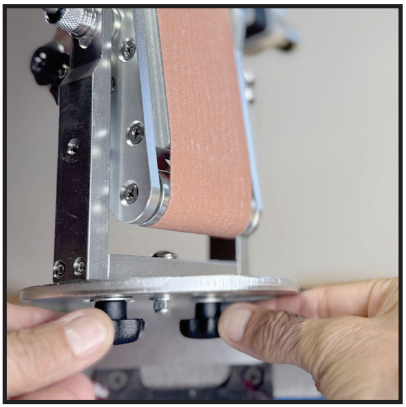
Weight = 2.85 lbs



SET UP OPTIONS - MOUNTING THE SANDER AND PLATE



The back of the Sander has two cleats that slide down onto the included mounting plate (or onto a GRS™-style dovetail mounting plate). The mounting plate can be secured to the top and/or front edge of the work surface with screws.



NOTE: In order to work in ergonomically correct positions: loosen the knobs under the Swivel Bracket and adjust the angle of the Sander. Re-tighten knobs.

Note: If using a Foredom SR you can run the flex shaft Belt Sander in reverse.

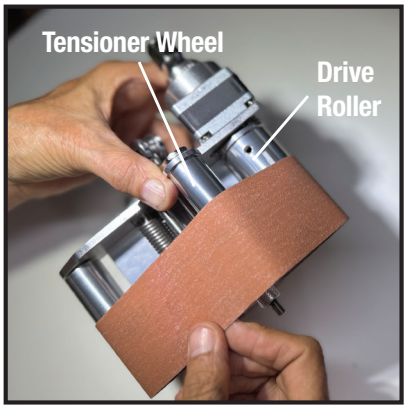
CAUTION!

Please read this Manual before operating.

Wear safety glasses and NIOSH approved particulate mask when using this Belt Sander.

Tie back long hair and tuck it into your shirt. When using, keep fingers, hair, loose clothing, children and pets away from Belt Sander. Let pieces that are being sanded cool off, so you don't burn your fingers.

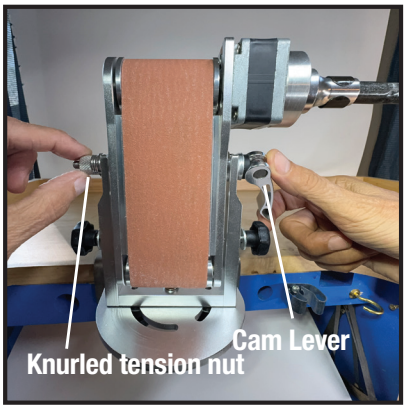
SET UP - INSTALLING THE BELTS, CONNECTING & ADJUSTING



INSTALLING AND REMOVING THE SANDING BELTS

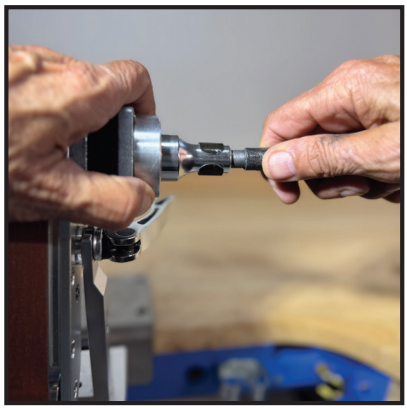
- REMOVE Sander from bracket: Lift the cam lever to release the Sander from the swivel bracket.
- CHANGE BELT: Push the tensioner wheel down and slide the belt on or off.
- REINSTALL in bracket: Place the Sander back into the bracket, adjust the knurled tension nut, and press the cam lever down to lock it.

NOTE: Always unplug, turn off, or disconnect the flex shaft before changing belts or adjusting the Sander angle.



ADJUSTING THE SANDER WORKING ANGLE

To remove or adjust the Sander's working angle, lift the cam lever, move the Sander to the desired position, then press the cam lever down to lock it. To place the Sander into the swivel bracket, adjust the knurled tension nut as needed, then press the cam lever down to secure it in position.



CONNECTING TO THE FOREDOM FLEXSHAFT*

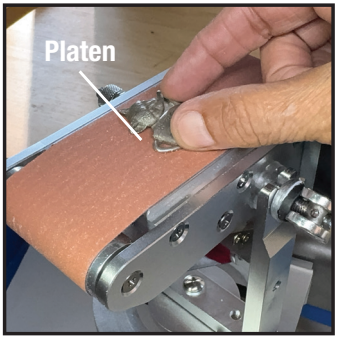
With flexshaft running at a slow speed, gently insert the key tip of the flexshaft into the collar. When the drive roller starts spinning take foot off pedal and push flexshaft into collar.
NOTE: Make sure you are not touching the belt when the flexshaft is running.

DISCONNECTING THE BELT SANDER FROM FLEXSHAFT

To disconnect the flexshaft from the Belt Sander, turn off or unplug the flexshaft and pull the shaft from the collar.

NOTE: *Key tip compatible only.
(See info about slip joint to key tip adapter on page 1)

SANDING POSITIONS



Flat Surfaces
Sand flat items on the platen.

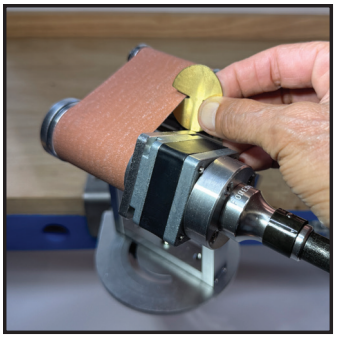
NOTE: EXTENDING BELT LIFE
For optimum cutting, longer belt life and less heating of the work piece: Use light pressure against the belt. Do not dwell on one area of the belt.



Concave Surfaces
Pivot the Sander to work against the wheels. Use the three different radius wheels to finish various concave surfaces.

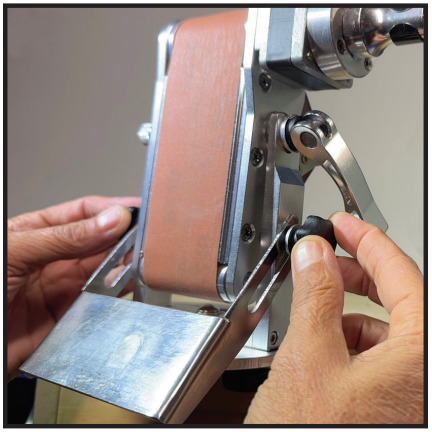


Convex Surfaces (Slack Sanding)
Sand in the slack area between the two rollers to shape convex surfaces.

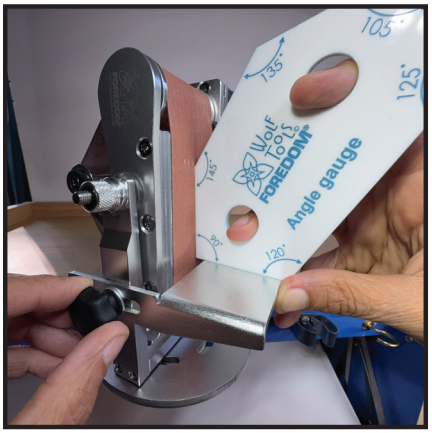


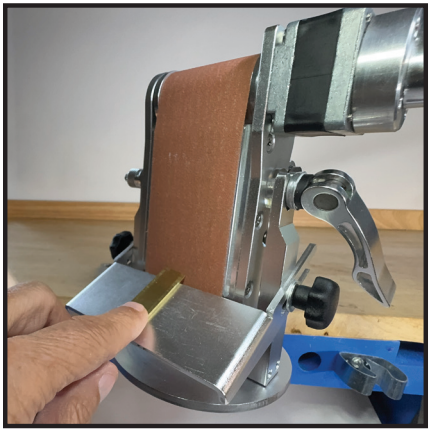
Interior Surfaces
Position the workpiece between the wheels to sand inside curves or inner edges.

SANDING POSITIONS WITH ADJUSTABLE DECK



INSTALLING THE ADJUSTABLE DECK
Loosen deck knobs. Insert deck prongs. Adjust angle. Make sure the deck is not touching the belt. Tighten knobs.





The Adjustable Deck allows you to sand at precise angles.

1 - Loosen the deck knobs.

2 - Place the included Angle Gauge on the deck and against the platen.

3 - Adjust the deck to the desired angle using the Angle Gauge. The holes in the gauge help you hold it steady.

NOTE: Make sure deck is not touching the belt.

4 - Tighten the knobs to lock the angle in place.

5- Hold work flat against the deck. Slide work back and forth across deck to ensure even wear on belt.

Repair Service

Authorized repair service is available at the Foredom factory in, Danbury CT USA.

If you believe your item is under warranty, please contact our customer service team for assistance.

To learn more about our flat-rate repair service and how to arrange for a repair Call 1-800-272-2885, email customerservice@blackstoneind.com, or visit www.foredom.net/warranty-repairs

Please retain your proof of purchase for warranty repairs.

Return Instructions

Please call 1-800-272-2885 or email customerservice@blackstoneind.com to request a RMA number (Return Material Authorization Number) prior to returning.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Limited Warranty

Foredom warrants its product to be free of defects in material or workmanship for a period of two years after purchase. Blackstone Industries, LLC d/b/a Foredom Electric Company warrants, to the original purchaser only, that its products will be free from defects in material or workmanship for the applicable period of time indicated above following the purchase date. During the warranty period, the defective product will be repaired or replaced without charge or, at our sole option, the purchase price will be refunded. This warranty does not cover damage caused in transit or by accident, misuse or ordinary wear.

ALL IMPLIED WARRANTIES INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY, ARE LIMITED IN DURATION TO THE APPLICABLE WARRANTY PERIOD. IN NO EVENT WILL WE BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

At our sole option, repair, replacement or refund will be made. **Please call 1-800-272-2885, or email customerservice@blackstoneind.com for further instructions.**

All warranty repairs must be done at the factory at the address above. We will not pay any shipping or transportation charges. This warranty only covers the original purchaser of the product. Proof of purchase may be requested. Some states do not allow limitations on how long an implied warranty lasts, so the above imitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Designed as Foredom attachments for flex shaft machines, Wolf Wax Trimmers are designed for jewelers to trim carving wax and for doing inlay in metal, accurately and quickly.



Wolf Trimmer **A-WT1727** attaches to a Foredom H.30® handpiece for trimming wax or plastic at a 90° angle. Use with cylinder burs (up to 11 mm) or separating discs for cutting grooves in metal. Can be handheld against a benchpin or mounted in a GRS BenchMate bracket.

Wolf Adjustable Trimmer **A-WT1728** lets you trim wax, plastic, or metal with precision using an H.30® handpiece and cylinder bur (up to 11.1 mm). The adjustable table features degree indexing, a sliding gap adjustment, and a rip fence for straight, accurate cuts. Use handheld, with a benchpin, or in a GRS BenchMate bracket using the included Wolf GRS Collar.

WOLF TOOLS®
FOREDOM®
Wolf Belt Sander A-WTBS

Foredom Electric Company
203-792-8622
customerservice@blackstoneind.com
www.foredom.net

F-WTBS 12/24

Printed in U.S.A.