

MODEL M1052
12" COMBINATION 3-IN-1
SHEET METAL MACHINE



OWNER'S MANUAL
(FOR MODELS MANUFACTURED SINCE 2/09)

Phone: (360) 734-3482 • Online Technical Support: tech-support@shopfox.biz

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**WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE OR FORM WITHOUT
THE WRITTEN APPROVAL OF WOODSTOCK INTERNATIONAL, INC.**



WARNING!

This manual provides critical safety instructions on the proper setup, operation, maintenance and service of this machine/equipment.

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

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

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



WARNING!

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. 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 lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

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INTRODUCTION

Woodstock Technical Support

Your new **SHOP FOX**® M1052 3-in-1 Sheet Metal Machine has been specially designed to provide many years of trouble-free service. Close attention to detail, ruggedly built parts and a rigid quality control program assure safe and reliable operation.

Woodstock International, Inc. is committed to customer satisfaction. Our intent with this manual is to include the basic information for safety, setup, operation, maintenance, and service of this product.

We stand behind our machines! In the event that questions arise about your machine, please contact Woodstock International Technical Support at (360) 734-3482 or send e-mail to: tech-support@shopfox.biz. Our knowledgeable staff will help you troubleshoot problems and process warranty claims.

If you need the latest edition of this manual, you can download it from <http://www.shopfox.biz>.
If you have comments about this manual, please contact us at:

Woodstock International, Inc.
Attn: Technical Documentation Manager
P.O. Box 2309
Bellingham, WA 98227



MACHINE SPECIFICATIONS



Phone #: (360) 734-3482 • Online Tech Support: tech-support@shopfox.biz • Web: www.shopfox.biz

MODEL M1052 12" COMBINATION 3-IN-1 SHEET METAL MACHINE

Capacities

Maximum Workpiece Width for Brake	12" @ 22 Gauge Mild Steel
Maximum Workpiece Width for Shear	12" @ 22 Gauge Mild Steel
Maximum Workpiece Width for Roll	12" @ 22 Gauge Mild Steel
Pan/Box Brake Minimum Reverse Bend	³ / ₄ "
Pan/Box Brake Maximum Side Height @ 90°	2"
Slip Roll Minimum Cylinder Diameter.....	1 ¹ / ₂ "
Slip Roll Wire Sizes	¹ / ₈ ", ¹¹ / ₆₄ ", ¹³ / ₆₄ "
Pan/Box Maximum Side Height	2"

Overall Dimensions

Weight	95 lbs.
Width	24"
Depth	23"
Height	15 ³ / ₈ "
Foot Print (Width/Depth).....	14 ¹ / ₈ " x 11 ¹ / ₂ "

Construction Materials

Brake.....	Steel w/Hardened Edge
Frame.....	Cast Iron
Base.....	Cast Iron
Shear Table	Precision Ground Cast Iron
Shear Blades	Reversible Precision Ground Hardened Steel
Shear Hold-Down Clamp	Cast Iron

Shipping Dimensions

Weight	100 lbs.
Width	23"
Depth	13"
Height	17"

Other

Customer Assembly Time	30 Minutes
Serial Number Location.....	ID Label on Top of Machine
Warranty	2 Year
Country of Origin	China

Features

- Shear Table Front Guide
- Shear & Brake Adjustable Rear Stop
- Hardened Steel Brake Fingers
- Precision Ground Hardened Steel Shear Blade

Controls and Features

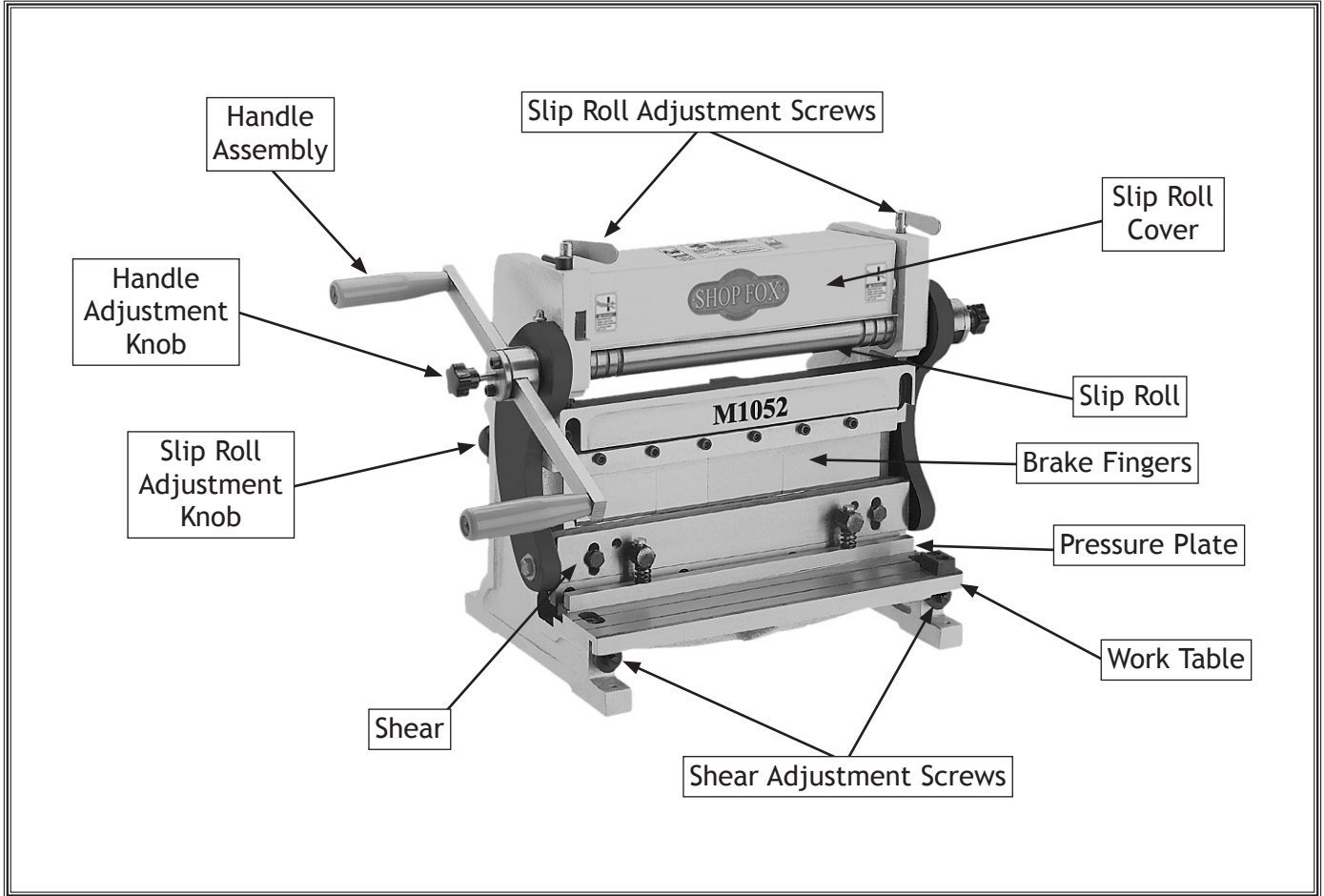


Figure 1. Model M1052 controls and features.

SAFETY

**READ MANUAL BEFORE OPERATING MACHINE.
FAILURE TO FOLLOW INSTRUCTIONS BELOW WILL
RESULT IN PERSONAL INJURY.**



Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.

NOTICE

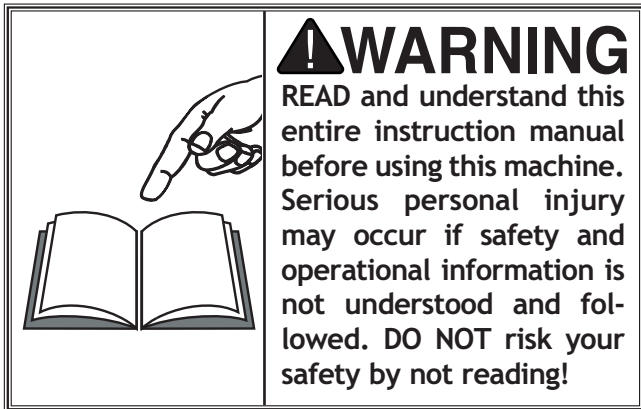
This symbol is used to alert the user to useful information about proper operation of the equipment, and/or a situation that may cause damage to the machinery.

Standard Safety Instructions

1. **READ THROUGH THE ENTIRE MANUAL BEFORE STARTING MACHINERY.** Machinery presents serious injury hazards to untrained users.
2. **ALWAYS USE ANSI APPROVED SAFETY GLASSES WHEN OPERATING MACHINERY.** Everyday eye-glasses only have impact resistant lenses—they are NOT safety glasses.
3. **ALWAYS WEAR AN ANSI APPROVED RESPIRATOR WHEN OPERATING MACHINERY THAT PRODUCES DUST.** Wood dust is a carcinogen and can cause cancer and severe respiratory illnesses.
4. **ALWAYS USE HEARING PROTECTION WHEN OPERATING MACHINERY.** Machinery noise can cause permanent hearing damage.
5. **WEAR PROPER APPAREL.** DO NOT wear loose clothing, gloves, neckties, rings, or jewelry which may get caught in moving parts. Wear protective hair covering to contain long hair and wear non-slip footwear.
6. **NEVER OPERATE MACHINERY WHEN TIRED, OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.** Be mentally alert at all times when running machinery.
7. **ONLY ALLOW TRAINED AND PROPERLY SUPERVISED PERSONNEL TO OPERATE MACHINERY.** Make sure operation instructions are safe and clearly understood.
8. **KEEP CHILDREN AND VISITORS AWAY.** Keep all children and visitors a safe distance from the work area.
9. **MAKE WORKSHOP CHILD PROOF.** Use padlocks, master switches, and remove start switch keys.

10. **NEVER LEAVE WHEN MACHINE IS RUNNING.** Turn power off and allow all moving parts to come to a complete stop before leaving machine unattended.
11. **DO NOT USE IN DANGEROUS ENVIRONMENTS.** DO NOT use machinery in damp, wet locations, or where any flammable or noxious fumes may exist.
12. **KEEP WORK AREA CLEAN AND WELL LIT.** Clutter and dark shadows may cause accidents.
13. **USE A GROUNDED EXTENSION CORD RATED FOR THE MACHINE AMPERAGE.** Undersized cords over-heat and lose power. Replace extension cords if they become damaged. DO NOT use extension cords for 220V machinery.
14. **ALWAYS DISCONNECT FROM POWER SOURCE BEFORE SERVICING MACHINERY.** Make sure switch is in OFF position before reconnecting.
15. **MAINTAIN MACHINERY WITH CARE.** Keep blades sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
16. **MAKE SURE GUARDS ARE IN PLACE AND WORK CORRECTLY BEFORE USING MACHINERY.**
17. **REMOVE ADJUSTING KEYS AND WRENCHES.** Make a habit of checking for keys and adjusting wrenches before turning machinery ON.
18. **CHECK FOR DAMAGED PARTS BEFORE USING MACHINERY.** Check for binding and alignment of parts, broken parts, part mounting, loose bolts, and any other conditions that may affect machine operation. Repair or replace damaged parts.
19. **USE RECOMMENDED ACCESSORIES.** Refer to the instruction manual for recommended accessories. The use of improper accessories may cause risk of injury.
20. **DO NOT FORCE MACHINERY.** Work at the speed for which the machine or accessory was designed.
21. **SECURE WORKPIECE.** Use clamps or a vise to hold the workpiece when practical. A secured workpiece protects your hands and frees both hands to operate the machine.
22. **DO NOT OVERREACH.** Keep proper footing and balance at all times.
23. **MANY MACHINES WILL EJECT THE WORKPIECE TOWARD THE OPERATOR.** Know and avoid conditions that cause the workpiece to "kickback."
24. **ALWAYS LOCK MOBILE BASES (IF USED) BEFORE OPERATING MACHINERY.**
25. **BE AWARE THAT CERTAIN DUST MAY BE HAZARDOUS** to the respiratory systems of people and animals, especially fine dust. Make sure you know the hazards associated with the type of dust you will be exposed to and always wear a respirator approved for that type of dust.

Additional Safety Instructions for 3-in-1 Sheet Metal Machines



1. **MOUNTING.** Make sure your sheet metal machine is securely fastened to your workbench. Failure to mount properly may cause the tool to tip and fall to the ground, causing serious injury.
2. **HANDS & FINGERS.** Always keep hands and fingers away from the blades, pressure plate, bending brake and slip rollers.
3. **OPERATOR POSITION.** Keep all body parts out of the way of all moving parts. Serious pinches and cuts could occur.
4. **CAPACITY.** To avoid injury from flying metal debris, **DO NOT** exceed the rated metal thickness for this sheet metal machine.
5. **SHEAR USE.** Only use the shear for the purpose it was designed. **DO NOT** cut round pipe, bar, wire or cable.
6. **COMFORTABLE CUTTING OPERATIONS.** Avoid awkward operations and hand positions where a sudden slip could cause your hand or body to fall into a sharp edge or corner.
7. **BLADE ADJUSTMENTS AND MAINTENANCE.** Always keep blades properly adjusted and sharp.
8. **PINCHING.** Always lower the brake fingers when not in use to prevent a pinching hazard.
9. **SLIP ROLL COVER.** Keep the cover over the slip roll when not in use to prevent entanglement.
10. **EXPERIENCING DIFFICULTIES.** If at any time you are experiencing difficulties performing the intended operation, stop using the shear! Contact Tech Support at (360) 734-3482.

SETUP

Unpacking

The SHOP FOX® Model M1052 has been carefully packaged for safe transporting. If you notice the machine has been damaged, please contact your authorized SHOP FOX® dealer immediately.

Inventory

The following is a description of the main components shipped with the SHOP FOX® Model M1052. Lay the components out to inventory them.

Note: Some parts and hardware may already be installed on the machine. Make sure to check the machine when you use this inventory list.

Inventory (Figures 2-3)	Qty
A. 3-in-1 Sheet Metal Machine.....	1
B. Shear & Brake Rear Work Stop.....	1
C. Handle Assembly.....	1
D. Handle Lock Knob Assemblies.....	2
E. Hex Wrenches 5, 6mm.....	1 Each

If any parts are missing, examine the packaging for the missing parts. For any missing parts, find the part number in the back of this manual and contact Woodstock International, Inc. at (360) 734-3482 or at tech-support@shopfox.biz

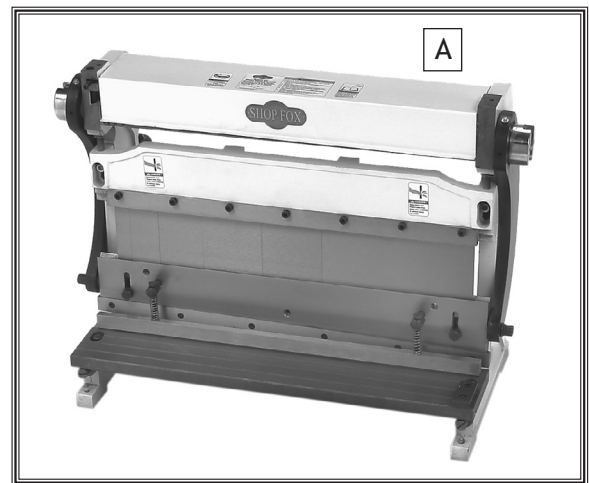
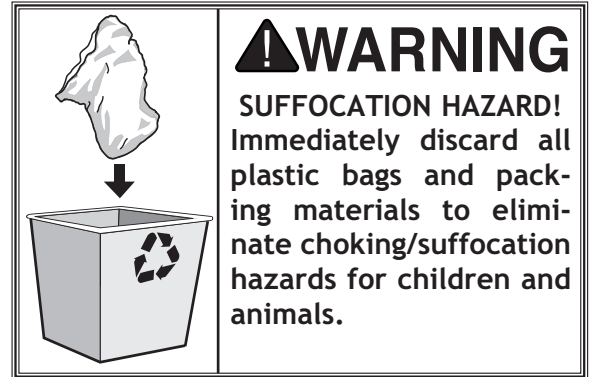


Figure 2. Model M1052 base machine.

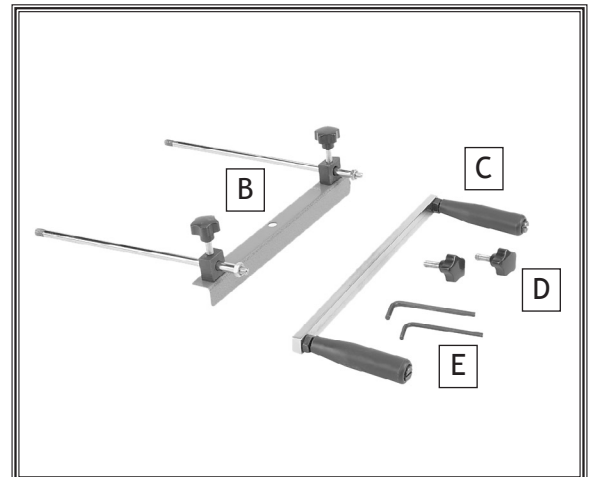


Figure 3. Model M1052 small item inventory.

Machine Placement

- **Workbench Load:** During use, this machine distributes a heavy load in a small footprint. Make sure the workbench is strong enough to support this load.
- **Working Clearances:** Consider existing and anticipated needs, size of material to be processed with this machine, and space for auxiliary stands, work tables or other machinery when establishing a location for your 3-in-1 Sheet Metal Machine.
- **Lighting:** Lighting should be bright enough to eliminate shadow and prevent eye strain.

Mounting to Workbench

This machine should be mounted to a stand or workbench with the appropriate fasteners before using.

⚠ CAUTION

SECURE MACHINE TO WORKBENCH BEFORE USE!

Forming metal will require exerting force through the handle assembly. If not securely fastened, the machine could topple and cause injury.

Cleaning Machine

The table and other unpainted parts of your 3-in-1 Sheet Metal Machine are coated with a waxy grease that protects them from corrosion during shipment. Clean off this grease with a solvent cleaner or citrus-based degreaser. **DO NOT** use chlorine-based solvents such as brake parts cleaner or acetone—if you happen to splash some onto a painted surface, you will ruin the finish.

⚠ WARNING

NEVER use gasoline or other petroleum-based solvents to clean. Most have low flash points, which make them extremely flammable. A risk of explosion and burning exists if these products are used. Serious personal injury may occur if this warning is ignored!

⚠ CAUTION

ALWAYS work in well-ventilated areas far from possible ignition sources when using solvents to clean machinery. Many solvents are toxic when inhaled or ingested. Use care when disposing of waste rags and towels to be sure they **DO NOT** create fire or environmental hazards.

⚠ CAUTION

MAKE your shop “child safe.” Ensure that your workplace is inaccessible to youngsters by closing and locking all entrances when you are away. **NEVER** allow untrained visitors in your shop when assembling, adjusting or operating equipment.

SET UP

OPERATIONS

General

The Model M1052 will perform many types of operations that are beyond the scope of this manual. Many of these operations can be dangerous 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!**

If you are an inexperienced operator, we strongly recommend that you read books or industry magazines, or seek training from an experienced sheet metal machine operator before performing any unfamiliar operations. **Above all, your safety should come first!**

⚠ WARNING

READ and understand this entire instruction manual before using this machine. Serious personal injury may occur if safety and operational information is not understood and followed. DO NOT risk your safety by not reading!

Handle Assembly

The handle assembly must be mounted to the machine. If left hand operation is required, perform the steps below on the opposite side of the machine.

To install the handle assembly, do these steps:

1. Install the handle lock knob assembly over the handle with two pre-installed M6-1 x 16 cap screws (see **Figure 4**).
2. Tighten the lock knob to secure the handle in position.
3. If needed, extend the handle further from the lock knob to obtain greater torque.

⚠ WARNING

Always wear safety glasses when operating the 3-in-1 Sheet Metal Machine. Failure to comply may result in serious personal injury.

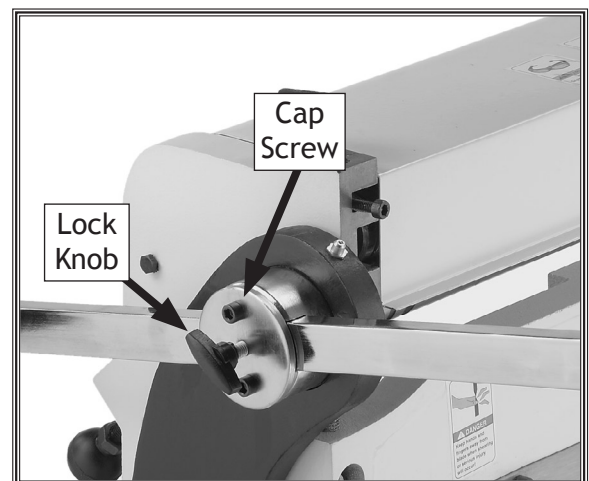


Figure 4. Installing the handle assembly.

Shearing

The Model M1052 has the capacity to shear up to 22 gauge (0.034") mild steel.

To use the shearing feature, do these steps:

1. Install the rear stop assembly in the holes in the cross beam die, as shown in **Figure 5**. Adjust the stop to the required depth.
2. Using the handle assembly, raise the upper blade to the highest position.
3. Slide the workpiece in between the moving blade and the table.
4. Keep the workpiece against the guide block on the right side of the table and against the rear stop for a 90° cut.

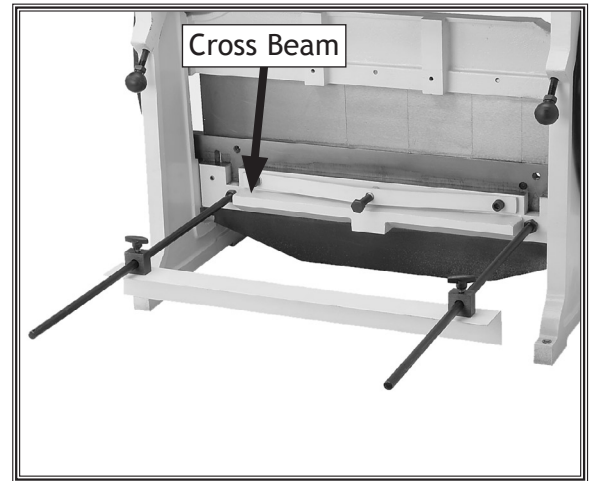


Figure 5. Rear stop assembly installed.

⚠ CAUTION

To avoid pinching or crushing injuries, keep your hands clear of the pressure plate. The pressure plate keeps the workpiece safely in place during the shearing operation. **ALWAYS** use the pressure plate when shearing.

5. Rotate the handle assembly to shear the workpiece.
6. The pressure plate should make contact with the sheet before the blade does. If it does not, adjust the two hex bolts on the pressure plate brackets to lower the pressure plate (see **Figure 6**).

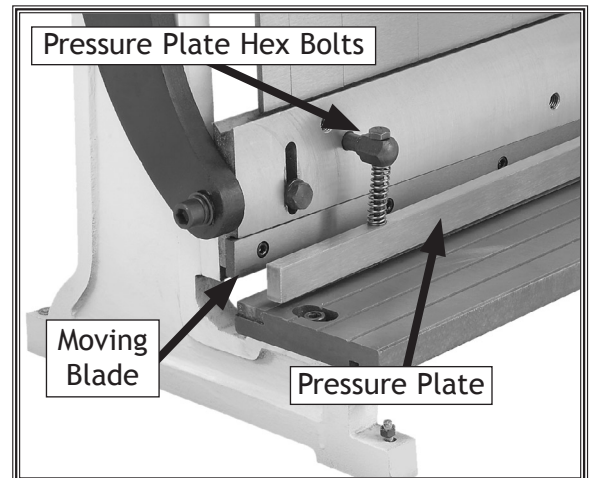


Figure 6. Pressure plate adjustment.

Shear Adjustments

To obtain optimum results, shear alignment and shear bow are two conditions which may need to be adjusted depending on the gauge and type of material you want to shear. Shears that are out of adjustment may lead to uneven or ragged cuts.

To correct shear alignment, do these steps:

1. Lower the shear and hold it in position.
2. Looking along the length of the blade, check the gap of the moving blade and the fixed blade with a 0.002" feeler gauge as shown in **Figure 7**.
 - If the gap is the same along the length of the blades then no further adjustment is needed.
 - If the gap is unequal, proceed to **Step 3**.
 - If you detect a bow in the gap, read the next subsection to adjust the shear bow.
3. Loosen the two cap screws that hold the table in place (see **Figure 7**).
4. Turn the adjustment screws until the gap is equal across the length of the blades (see **Figure 8**).
5. Tighten the two table adjustment screws and re-check.



Figure 7. Checking shear alignment.

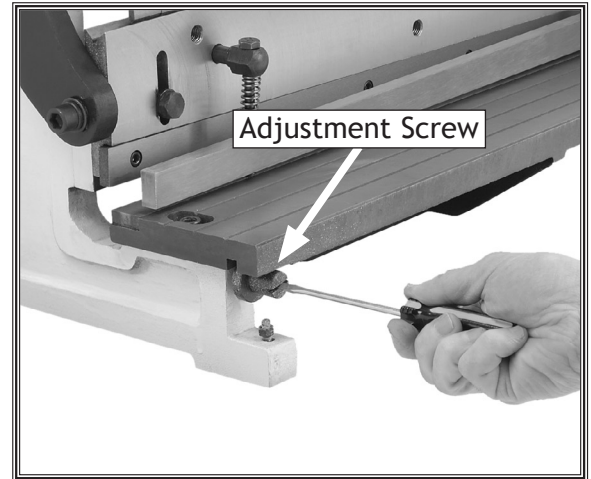


Figure 8. Adjusting blade gap.

To adjust for shear bow, do these steps:

1. Make small adjustments to the bolt attached to the shear bow adjustment bar (see **Figure 9**).
2. Loosen the bolt to cause the ends of the upper blade to move away from the fixed blade or tighten the bolt to cause the ends of the upper blade to move toward the fixed blade.
3. Once the shear bow is corrected, re-check the shear gap.

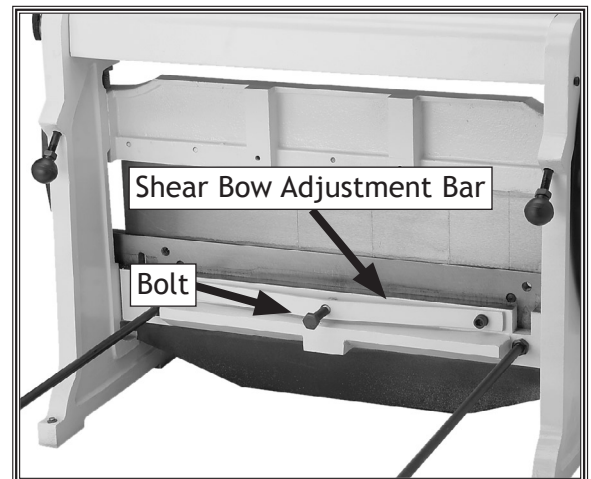


Figure 9. Shear bow adjustment bar.

Shearing Tips

NOTICE

DO NOT cut wire or cable on this shear. **DO NOT** exceed the rated capacity for sheet metal. Damage to the blades or other parts will occur!

- Keep the blade gap to the smallest distance possible.
- Use the table guide when making 90° shear cuts.
- The pressure plate should be adjusted approximately 1/8" above the table when the shear blade is in the up position. As you move the blade downward, the pressure plate should immediately rest against the workpiece and hold it in place.
- To prevent distortion when shearing, snap the handle assembly quickly to pierce the workpiece, then continue with steady even pressure to complete the cut.
- After shearing, metal parts will have a sharp edge on them. These edges may cause cuts when handled. Deburr the workpiece to remove the edge before handling.
- Have the shear blades sharpened by a professional to ensure accurate, quality results.

! WARNING



Always wear safety glasses when operating the 3-in-1 sheet metal machine. Failure to comply may result in serious personal injury.

Bending Brake

The Model M1052 has adjustable and removable fingers to offer a wide variety of bending brake options. It has the capacity to bend up to 22 gauge (0.034") mild steel.

To use the brake, do these steps:

1. Install the stop assembly in the holes in the brake die as shown in **Figure 10**. Adjust the stop to the required depth. (It can also be mounted on the front of the brake.)
2. Using the handle assembly, raise the fingers on the brake until there is enough gap to fit the workpiece.
3. Bend the metal by lowering the fingers until you have the desired angle.

Note: *The brake die is designed to bend material up to 90°.*

4. Raise the fingers and remove the workpiece.

To adjust the fingers for making pans and boxes, do these steps:

1. Place a thin and flat piece of material (a spacer) over the notch of the brake die. This flat surface will help you obtain equal finger length.
2. With the handle assembly, lower the fingers so they are just touching the top of the spacer on the brake die.
3. Loosen, but do not remove, the six cap screws shown in **Figure 11**.
4. Slide the fingers horizontally to the desired position or rearrange them to get the desired width combination for your project.
5. Using the handle assembly, lower the fingers to apply light pressure on the spacer. Check to make sure each finger has continuous contact with the spacer and adjust them if needed.
6. Tighten the six cap screws.



Figure 10. Stop installed.

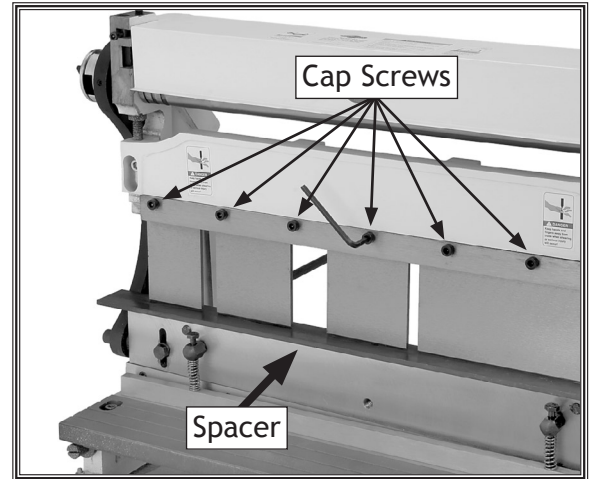


Figure 11. Finger adjustments.

Slip Roll

The Model M1052 has the capacity to roll up to 22 gauge (0.034") mild steel.

To use the slip roll, do these steps:

1. Open the cover to expose the roll cylinders.
2. Lower the rear roll cylinder by simultaneously loosening the slip roll adjustment knobs (see **Figure 12**). When complete you should have an even gap between the cylinders.
3. Insert the leading edge of the workpiece between the upper and lower roll cylinders, as shown in **Figure 13**.
4. Using both adjustment screws, adjust the gap so it is equal between the upper and lower cylinder. Both cylinders should make light contact with the workpiece.
5. Adjust the rear roller gap as needed for the radius required.
 - A larger radius requires a larger gap.
 - A smaller radius requires a smaller gap.
6. Crank the handle assembly to advance the workpiece through the rollers.
7. Turn the notched shaft and slip the upper roll cylinder out to remove the workpiece (see **Figure 14**).

Note: *Wire rolling is done the same way. Choose the same size groove on the upper and lower cylinders to match the wire gauge you are rolling.*

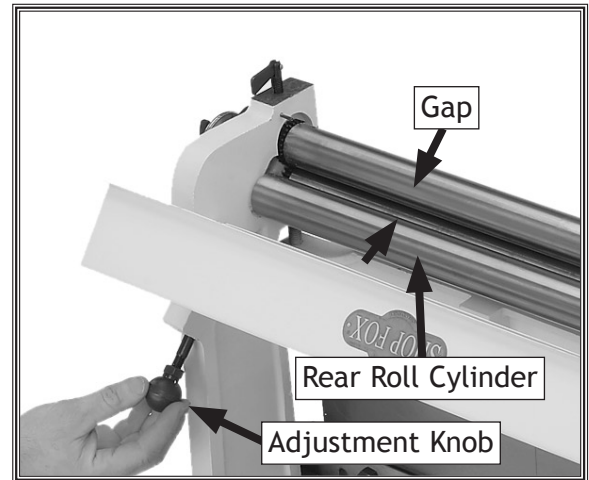


Figure 12. Adjusting rear roller gap.

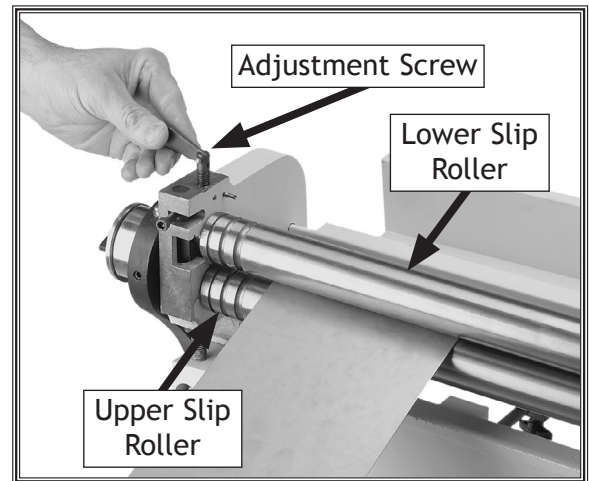


Figure 13. Adjusting upper and lower cylinder gap.

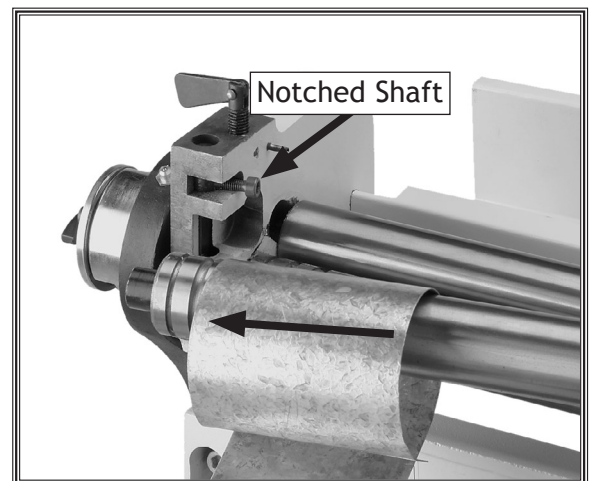


Figure 14. Removing the workpiece.

MAINTENANCE

General

Regular periodic maintenance on your SHOP FOX® Model M1052 will ensure its optimum performance. Make a habit of inspecting your machine each time you use it.

Check for the following conditions and repair or replace when necessary:

- Loose mounting bolts.
- Chipped brake fingers.
- Dull or chipped shear blades.
- Inadequate lubrication.
- Debris on any of the working surfaces.
- Any other condition that could hamper the safe operation of this machine.

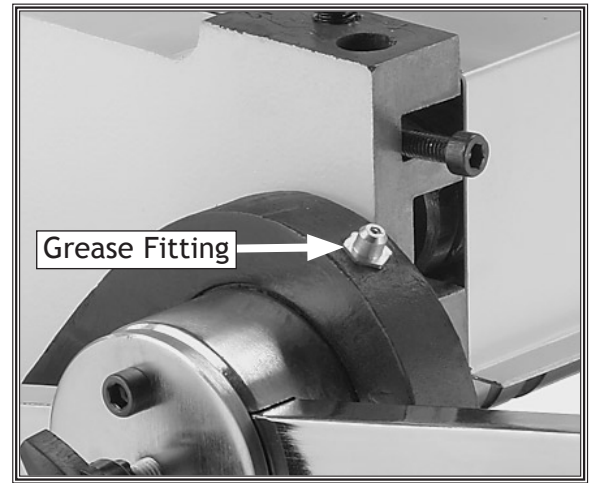


Figure 15. Lubrication point.

Lubrication

Use a grease gun filled with general purpose grease on the crank arms as necessary on the installed grease fittings (see Figure 15).

Lightly paint the slip roll gears with grease.

Wipe the unpainted parts of the sheet metal machine with a light coat of oil to prevent rust.

SERVICE

Troubleshooting

This section covers the most common problems and corrections with this type of machine.

If you require additional machine service not included in this section, please contact Woodstock International Technical Support at (360) 734-3482 or send e-mail to: tech-support@shopfox.biz.

Slip Roll Operation

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Slip roll creates cones when trying to make a cylinder.	1. Top and rear rollers not parallel.	1. Use the diameter adjustment knobs to make the rollers parallel.
Creases or wrinkles in the workpiece.	1. Excessive pressure applied when rolling.	1. Reduce the radius and perform the bend in several light passes.
Workpiece is pitted or scratched.	1. Workpiece or rollers are dirty or damaged.	1. Thoroughly clean the workpiece and rollers. Polish out any nicks/burrs in the rollers, or replace them.

Brake Operation

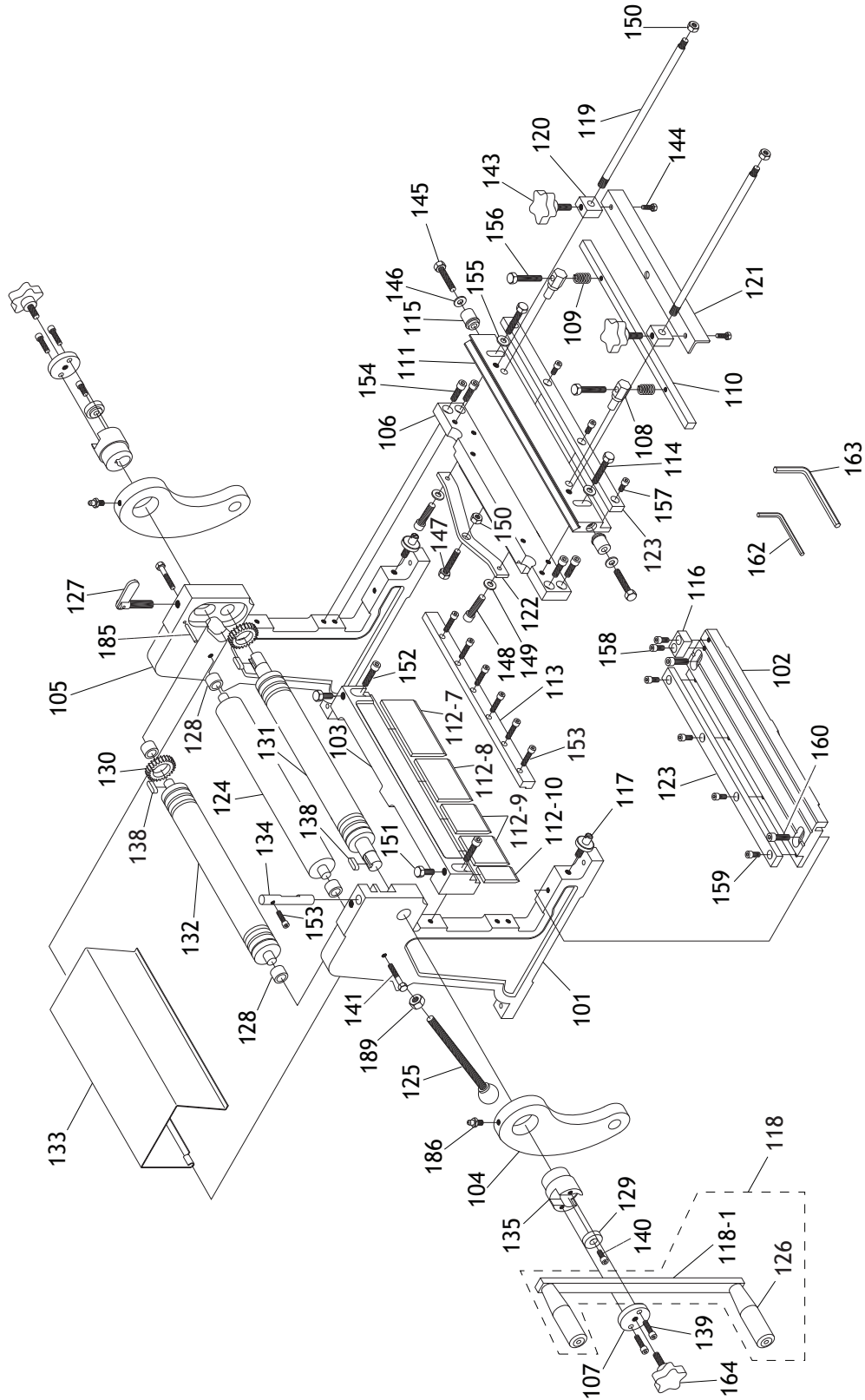
PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Heavy resistance during bending.	1. Machine capacities are exceeded.	1. Operate within the listed capacities of the machine.
Bend radius is not consistent across workpiece.	1. Machine capacities are exceeded. 2. Fingers and receiver not aligned.	1. Operate within the listed capacities of the machine. 2. Properly align the fingers and receiver.
Tips of brake fingers are chipping or rolling.	1. Fingers and receiver not aligned. 2. Workpiece is too thick.	1. Properly align the fingers and receiver. 2. Operate within the listed capacities of the machine.
Workpiece has scoring marks.	1. Fingers or receiver scratched.	1. Polish out scratches, and apply tape at the bend locations for further protection.

Shear Operation

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Machine will not cut workpiece.	1. Cut exceeds machine capacities. 2. Gap between blades not correct.	1. Operate within the listed capacities of the machine. 2. Adjust blade gap.
Cuts are not square.	1. Uneven contact with guide or work stop. 2. Blade gap unequal across length. 3. Too much bow in blade. 4. Inadequate holddown pressure.	1. Maintain proper contact with guide and work stop. 2. Properly adjust blade gap for material. 3. Properly adjust blade bow. 4. Properly adjust holddown pressure.
Poor quality of cuts with ripping or tearing.	1. Dull blades. 2. Incorrect blade gap setup. 3. Loose blades.	1. Reverse/sharpen/replace blades. 2. Properly adjust blade gap for material. 3. Remove blades, clean thoroughly, and re-install.

PARTS

Main Parts Diagram

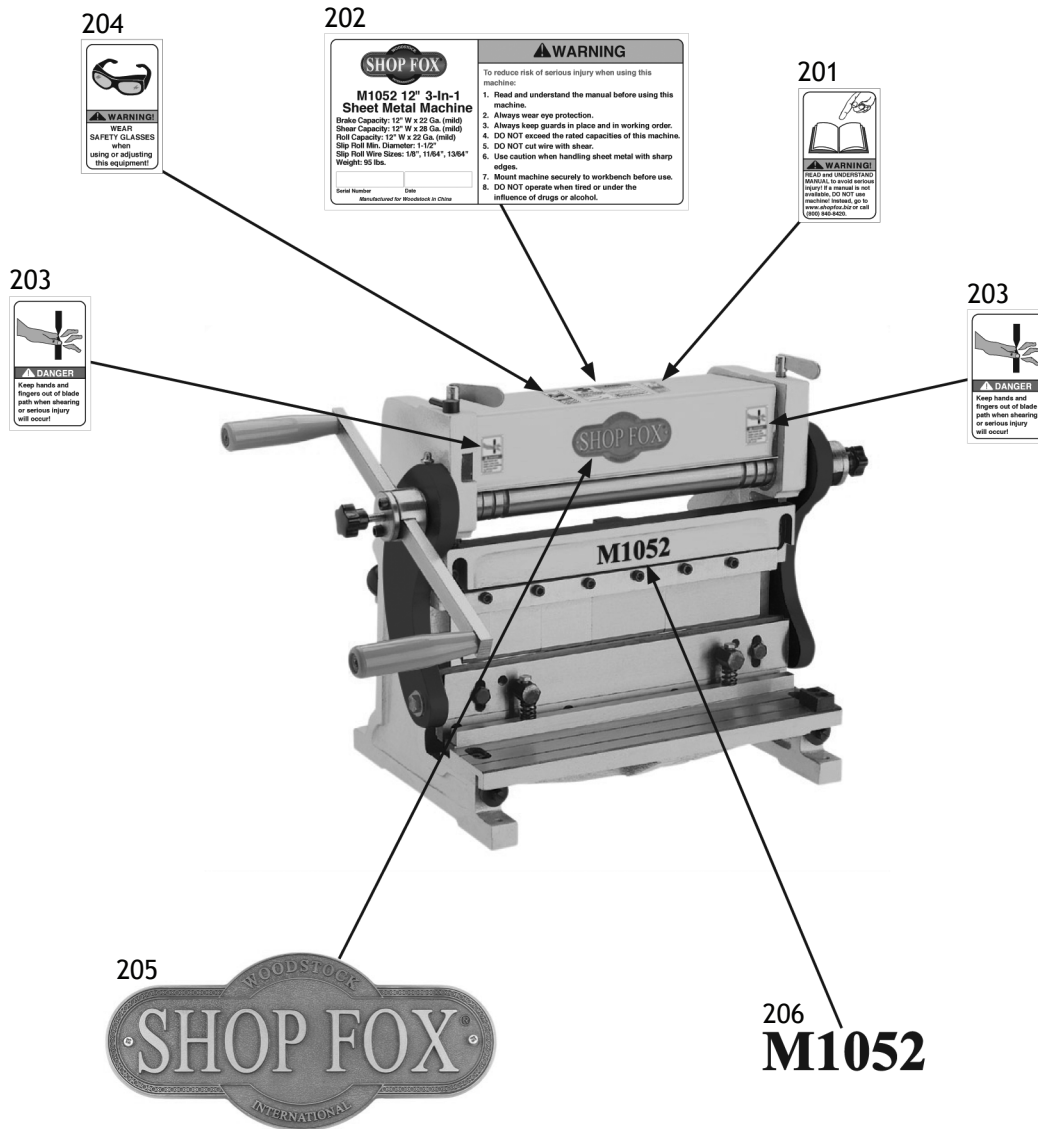


Main Parts List

REF	PART #	DESCRIPTION
101	XM1052101	LEFT FRAME
102	XM1052102	SHEARING TABLE
103	XM1052103	TOP CROSSBEAM
104	XM1052104	CRANK ARM
105	XM1052105	RIGHT FRAME
106	XM1052106	BOTTOM CROSSBEAM
107	XM1052107	CRANK HUB END CAP
108	XM1052108	HOLDDOWN STUD
109	XM1052109	COMPRESSION SPRING
110	XM1052110	HOLDDOWN BAR
111	XM1052111	FINGER RECEIVER
112-7	XM1052112-7	BRAKE FINGER 4"
112-8	XM1052112-8	BRAKE FINGER 3"
112-9	XM1052112-9	BRAKE FINGER 2"
112-10	XM1052112-10	BRAKE FINGER 1"
113	XM1052113	FINGER GIB
114	XPB15M	HEX BOLT M8-1.25 X 40
115	XM1052115	BUSHING
116	XM1052116	GUIDE BLOCK
117	XM1052117	TABLE ADJUSTMENT SCREW
118	XM1052118	HAND CRANK ASSEMBLY
118-1	XM1052118-1	HAND CRANK BAR
119	XM1052119	WORK STOP ROD
120	XM1052120	STOP BLOCK
121	XM1052121	WORK STOP PLATE
122	XM1052122	BLADE BOW
123	XM1052123	SHEAR BLADE
124	XM1052124	REAR SLIP ROLLER
125	XM1052125	DIAMETER ADJUSTMENT SCREW
126	XM1052126	HAND CRANK KNOB
127	XM1052127	THICKNESS LEAF BOLT
128	XM1052128	ROLLER BUSHING
129	XM1052129	CRANK HUB RETAINER
130	XM1052130	ROLLER GEAR

REF	PART #	DESCRIPTION
131	XM1052131	BOTTOM SLIP ROLLER
132	XM1052132	TOP SLIP ROLLER
133	XM1052133	SLIP ROLLER COVER
134	XM1052134	TOP ROLLER RETAINER PIN
135	XM1052135	HAND CRANK HUB
138	XPK07M	KEY 6 X 6 X 20
139	XPCAP01M	CAP SCREW M6-1 X 16
140	XPCAP68M	CAP SCREW M6-1 X 8
141	XPB05M	HEX BOLT M6-1 X 8
143	XM1052143	STAR KNOB
144	XPB05M	HEX BOLT M6-1 X 8
145	XPB15M	HEX BOLT M8-1.25 X 40
146	XPW01M	FLAT WASHER 8MM
147	XPB15M	HEX BOLT M8-1.25 X 40
148	XPCAP31M	CAP SCREW M8-1.25 X 25
149	XPW01M	FLAT WASHER 8MM
150	XPNO3M	HEX NUT M8-1.25
151	XPB70M	HEX BOLT M10-1.5 X 16
152	XPCAP13M	CAP SCREW M8-1.25 X 30
153	XPCAP69M	CAP SCREW M6-1 X 24
154	XPCAP11M	CAP SCREW M8-1.25 X 16
155	XPW01M	FLAT WASHER 8MM
156	XPB71M	HEX BOLT M6-1 X 45
157	XPCAP04M	CAP SCREW M6-1 X 10
158	XPCAP04M	CAP SCREW M6-1 X 10
159	XPCAP04M	CAP SCREW M6-1 X 10
160	XPCAP14M	CAP SCREW M8-1.25 X 20
162	XPAW05M	HEX WRENCH 5MM
163	XPAW06M	HEX WRENCH 6MM
164	XM1052164	CRANK HANDLE LOCK KNOB
185	XM1052185	SLIP COVER STOP PIN
186	XM1052186	GREASE FITTING 5/16" X 3/16"
189	XPNO2M	HEX NUT M10-1.5

Machine Labels



REF	PART #	DESCRIPTION
201	XLABEL-12	READ MANUAL LABEL
202	XM1052202	MACHINE ID LABEL
203	XM1052203	PINCH/SHEAR HAZARD LABEL

REF	PART #	DESCRIPTION
204	XM1052204	EYE INJURY HAZARD LABEL
205	D3375	SHOP FOX NAMEPLATE
206	XM1052206	MODEL NUMBER LABEL

WARNING

Safety labels warn about machine hazards and how to prevent machine damage or injury. The owner of this machine **MUST** maintain the original location and readability of all labels on this machine. If any label is removed or becomes unreadable, **REPLACE** that label before allowing the machine to enter service again. Contact Woodstock International, Inc. at (360) 734-3482 or www.shopfoxtools.com to order new labels.

Notes



Warranty Registration

Name _____
 Street _____
 City _____ State _____ Zip _____
 Phone # _____ Email _____ Invoice # _____
 Model # _____ Serial # _____ Dealer Name _____ Purchase Date _____

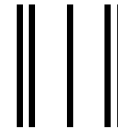
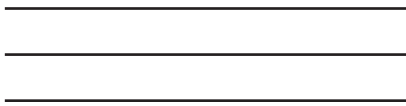
The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop better products and services. **Of course, all information is strictly confidential.**

- How did you learn about us?
 Advertisement Friend Local Store
 Mail Order Catalog Website Other:
- How long have you been a woodworker/metalworker?
 0-2 Years 2-8 Years 8-20 Years 20+ Years
- How many of your machines or tools are Shop Fox?
 0-2 3-5 6-9 10+
- Do you think your machine represents a good value? Yes No
- Would you recommend Shop Fox products to a friend? Yes No
- What is your age group?
 20-29 30-39 40-49
 50-59 60-69 70+
- What is your annual household income?
 \$20,000-\$29,000 \$30,000-\$39,000 \$40,000-\$49,000
 \$50,000-\$59,000 \$60,000-\$69,000 \$70,000+
- Which of the following magazines do you subscribe to?
 Cabinet Maker Popular Mechanics Today's Homeowner
 Family Handyman Popular Science Wood
 Hand Loader Popular Woodworking Wooden Boat
 Handy Practical Homeowner Woodshop News
 Home Shop Machinist Precision Shooter Woodsmith
 Journal of Light Cont. Projects in Metal Woodwork
 Live Steam RC Modeler Woodworker West
 Model Airplane News Rifle Woodworker's Journal
 Modeltec Shop Notes Other:
 Old House Journal Shotgun News

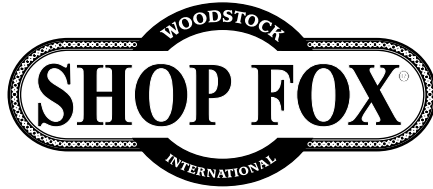
9. Comments: _____

CUT ALONG DOTTED LINE

FOLD ALONG DOTTED LINE



Place
Stamp
Here



WOODSTOCK INTERNATIONAL INC.
P.O. BOX 2309
BELLINGHAM, WA 98227-2309



FOLD ALONG DOTTED LINE

TAPE ALONG EDGES--PLEASE DO NOT STAPLE

WARRANTY

Woodstock International, Inc. warrants all Shop Fox machinery to be free of defects from workmanship and materials for a period of two years from the date of original purchase by the original owner. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, lack of maintenance, or reimbursement of third party expenses incurred.

Woodstock International, Inc. will repair or replace, at its expense and at its option, the Shop Fox machine or machine part, which in normal use has proven to be defective, provided that the original owner returns the product prepaid to a Shop Fox factory service center with proof of their purchase of the product within two years, and provides Woodstock International, Inc. reasonable opportunity to verify the alleged defect through inspection. If it is determined there is no defect, or that the defect resulted from causes not within the scope of Woodstock International Inc.'s warranty, then the original owner must bear the cost of storing and returning the product.

This is Woodstock International, Inc.'s sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant that Shop Fox machinery complies with the provisions of any law or acts. In no event shall Woodstock International, Inc.'s liability under this warranty exceed the purchase price paid for the product, and any legal actions brought against Woodstock International, Inc. shall be tried in the State of Washington, County of Whatcom. We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special or consequential damages arising from the use of our products.

Every effort has been made to ensure that all Shop Fox machinery meets high quality and durability standards. We reserve the right to change specifications at any time because of our commitment to continuously improve the quality of our products.



High Quality Machines and Tools

Woodstock International, Inc. carries thousands of products designed to meet the needs of today's woodworkers and metalworkers. Ask your dealer about these fine products:

BROSTMA
PRECISION STOP BLOCK

JOINTER PAL[®]

Rotacator[®]

THE REBEL[®]

DURASTICK[®]

Gutmann[®]

BOARD BUDDIES[®]



Junglee[®]

PLANER PAL[®]

PARROT VISE[®]

SLICKPLANE[®]

PRO-STIK[®]
ABRASIVE BELT & DISC CLEANER

ACCU-SHARP[®]

Aluma-Classic[®]



STEELEX[®]
FINE TOOLS

STEELEX[®]
PLUS



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