



Master Tools Creaser/Emboss

OWNER'S MANUAL

Crease and Emboss Like a Pro!

Congratulations on your purchase of the Master Tools Creaser/Embosser. Handcrafted by our skilled craftspeople in Mt. Hope, Ohio, this machine is built using the finest materials, skilled American workmanship and finishing touches for dependable performance you can depend on project after project. Featuring easy set-up and the versatility to select just the right size rolls for your projects, this hand-operated machine will become a workhorse on your workbench.

- **A variety of creaser roll sizes and embossing roll designs are available to customize the machine to meet your needs.**
- **Gives you the versatility to emboss edges of larger projects as well as straps.**
- **Quick-change design allows you to use shims to achieve different looks.**
- **It's easy to release embossing pressure by lowering lever and return to the exact same embossing pressure by raising lever back up — perfect when you want a blank area!**



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Unpack Your Box

The base machine of the Master Tools Creaser/Embosser comes completely assembled.

You'll find the following in your box:

- ❶ Master Tools Creaser/Embosser
- ❷ Four 1" Clamping Shaft Collars
- ❸ 1/4" Alloy Steel Dowel Pin
- ❹ 1/4" x 1" Machine Key
- ❺ 1/8" Allen Wrench L-Key
- ❻ Owner's Manual

To Use the Machine for Creasing...

You will need a Creaser with 2" White Bottom Roller Set. These sets are sold separately in your choice of 5/8", 3/4", 1", 1-1/4" or 1-1/2" width. Select width based on width of strap you want to crease.

To Use the Machine for Embossing...

You will need an Embossing Roll, 2" White Bottom Roller, Embossing Flanges, and Embossing Shims. Width of the 2" White Bottom Roller will depend on the width of the strap you want to emboss.

See Ordering Information for Replacement Parts & Accessories on Pages 11 & 12



Getting to Know the Master Tools Creaser/Embosser

Do not operate this machine until you have read and understand the instructions in this manual. This machine is designed for creasing and embossing leather with a minimal thickness of 4/5 oz. Use for any other purpose is prohibited and voids the warranty.

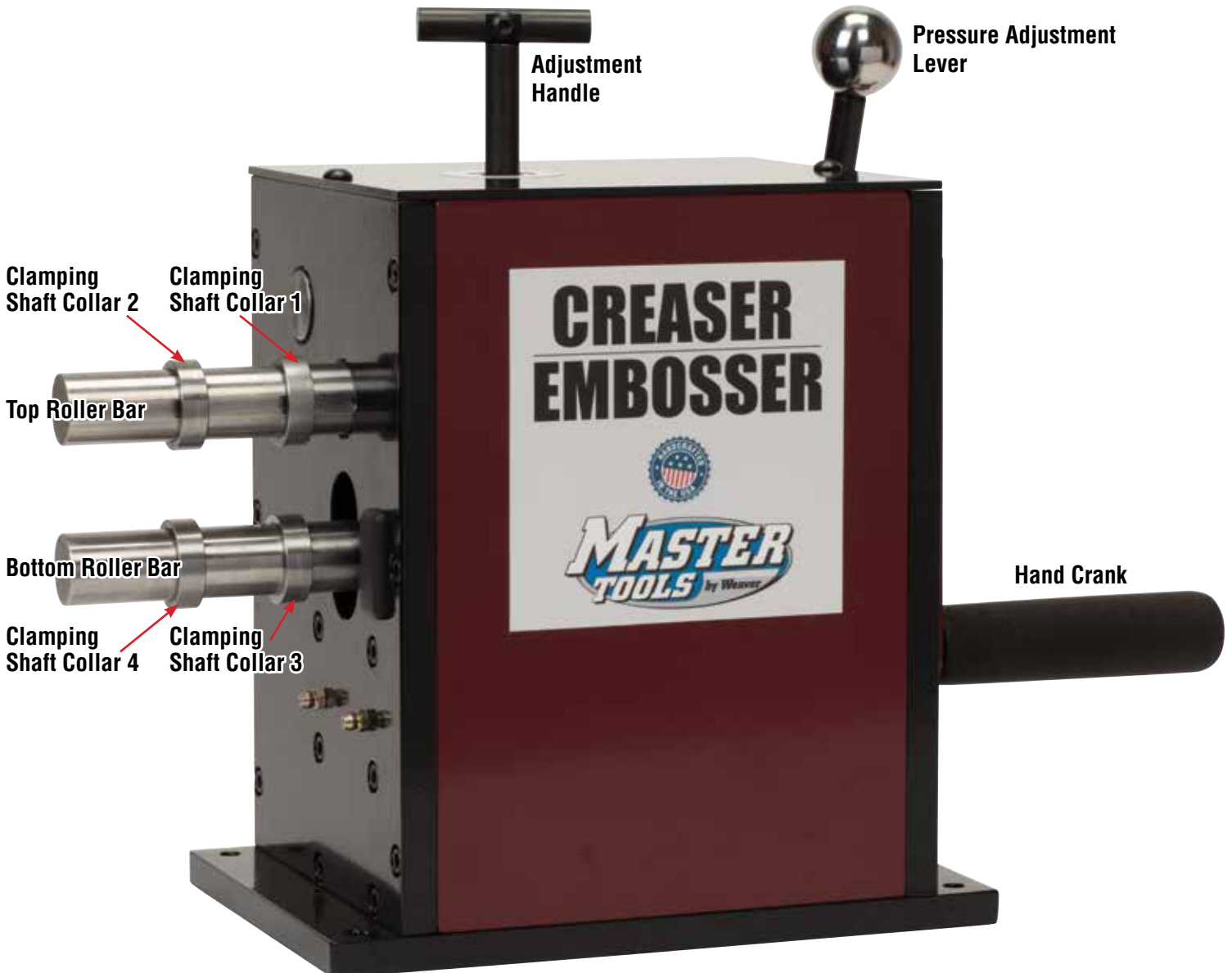
Safety

- Never use machine unless it is securely fastened to a workbench. The Master Tools Creaser/Embosser comes fully assembled and ready to be mounted on your workbench. Simply secure machine to your bench with your choice of screws or bolts.
- Always keep all fingers and body parts away from moving parts.
- Keep away from children at all times.



Limited Lifetime Warranty

Every product from Master Tools is built to last using the finest materials and skilled American workmanship. We are proud to stand behind our products with an unmatched Limited Lifetime Guarantee. This quality standard warrants this product for its lifetime against defects in materials and workmanship under normal use.



Please call us with any product questions or for technical assistance.
7540 CR 201, PO Box 68 • Mt. Hope, OH 44660-0068 • 800-932-8371 or 330-674-1782

Using the Machine as a Creaser

ADD CREASER ROLL TO TOP ROLLER BAR

- 1) Slide Clamping Shaft Collar 1 onto the Top Roller Bar (**Figure 1**).
- 2) Select the appropriate Creaser Roll for your project (5/8", 3/4", 1", 1-1/4" or 1-1/2"), insert the Machine Key into point A on the Creaser Roll (**Figure 2**), and slide the Creaser Roll until the Machine Key lines up with point B on the Top Roller Bar next to Clamping Shaft Collar 1 (**Figure 3**).
- 3) Slide Clamping Shaft Collar 2 onto the Top Roller Bar next to the Creaser Roll (**Figure 4**).



Figure 1



Figure 2

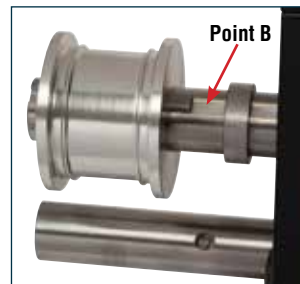


Figure 3



Figure 4

ADD WHITE BOTTOM ROLLER TO BOTTOM ROLLER BAR

Note: To make room for the White Bottom Roller, lower the Bottom Roller Bar by lowering the Pressure Adjustment Lever.

- 1) Slide Clamping Shaft Collar 3 on Bottom Roller Bar (**Figure 5**).
- 2) Select the appropriate White Bottom Roller for your project (5/8", 3/4", 1", 1-1/4" or 1-1/2"). To activate the Bottom White Roll, you'll need to insert the Dowel Pin as shown and line up with the groove on the Bottom Roller Bar next to Clamping Shaft Collar 3 (**Figure 6**).
- 3) Slide Clamping Shaft Collar 4 onto the Bottom Roller Bar next to the White Bottom Roller (**Figure 7**). **Note: Do not tighten set screws in Clamping Collars yet.**



Figure 5



Figure 6



Figure 7

- 4) Check alignment of the Creasing Roll and White Bottom Roller by raising the Pressure Adjustment Lever and locking into place (**Figures 8-1 and 8-2**). The White Bottom Roller should just fit between the flanges on the Creasing Roll (**Figure 9**).



Figure 8-1



Figure 8-2

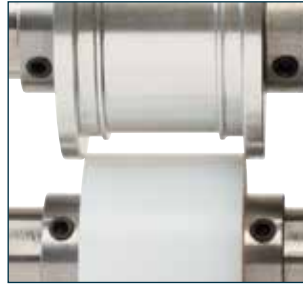


Figure 9

- 5) Tighten set screws in Clamping Shaft Collars 1 & 2, making sure screws are making contact with the flat side of the Top Roller Bar (**Figure 10**).

- 6) Tighten the set screws in Clamping Collars 3 & 4 to keep roll securely in place, making sure screws are making contact with the flat side of the Bottom Roller Bar (**Figure 11**).

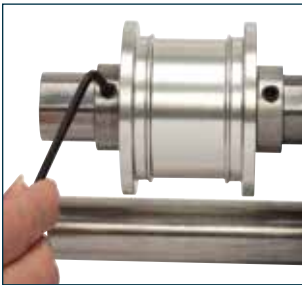


Figure 10

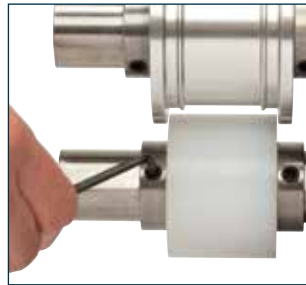


Figure 11

CREASING TIPS

We recommend running scrap leather through the machine and adjusting the distance between Top Roller Bar and Bottom Roller Bar until you achieve the right level of creasing for your project.

- The Adjustment Handle at the top of the machine controls the distance between the Top Roller Bar and the Bottom Roller Bar with the Pressure Adjustment Lever raised into the locked position. For lighter creasing, turn the Adjustment Handle clockwise for more distance between the bars. For deeper creasing, turn the Adjustment Handle counterclockwise for less distance between the bars (**Figure 12**).
- With the Pressure Adjustment Lever raised into the locked position, run strap through the machine by rotating the Hand Crank clockwise (toward the back of the machine) (**Figure 13**).

Easily Leave a Blank Area While Maintaining Consistent Pressure

To leave a clear area on your project, release creasing pressure by lowering Pressure Adjustment Lever away from you. Advance the strap to the point you want to resume creasing and raise the Pressure Adjustment Lever to return to the exact same creasing pressure (**Figure 14**).



Figure 12



Figure 13

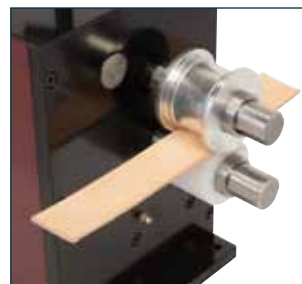


Figure 14

Using the Machine as an Embosser

ADD EMBOSSING ROLL TO TOP ROLLER BAR

Embossing rolls vary in width depending on the design you choose. Please note that you will need to add shims based upon the width of the strap you want to emboss to achieve proper alignment. These shims ensure your strap stays centered.

- 1) Slide Clamping Shaft Collar 1, a Flange, and Shims (size and number of Shims will depend on the width of your strap) onto the Top Roller Bar (**Figure 15**).
- 2) Select the desired Embossing Roll for your project, insert the Machine Key into point A on the Embossing Roll (**Figure 16**), and slide the Embossing Roll until the Machine Key lines up with point B on the Top Roller Bar next to Clamping Shaft Collar 1, Flange and Shims (**Figure 17**).
- 3) Slide Shims (size and number of Shims will depend on the width of your strap), a Flange, and Clamping Shaft Collar 2 onto the Top Roller Bar next to the Embossing Roll (**Figure 18**).
- 4) Tighten set screws in Clamping Shaft Collars 1 & 2, making sure screws are making contact with the flat side of the Top Roller Bar (**Figure 19**).

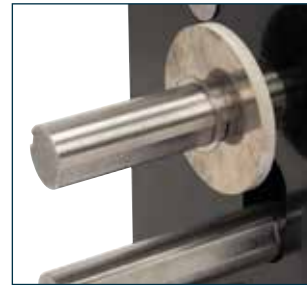


Figure 15



Figure 16

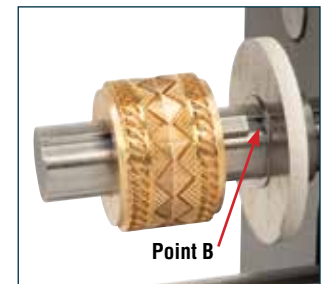


Figure 17

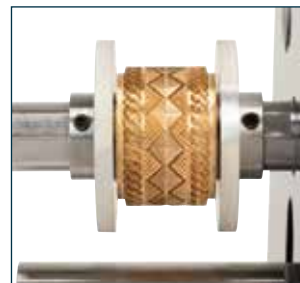


Figure 18

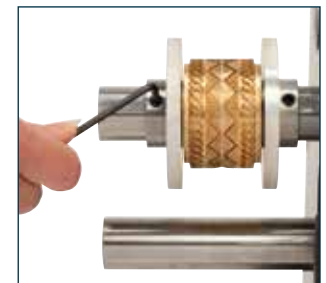


Figure 19

ADD WHITE BOTTOM ROLLER TO BOTTOM ROLLER BAR

- 1) Slide Clamping Shaft Collar 3 on Bottom Roller Bar (**Figure 20**).
- 2) Select the appropriate White Bottom Roller for your project (5/8", 3/4", 1", 1-1/4" or 1-1/2") and slide onto the Bottom Roller Bar next to Clamping Shaft Collar 3. Slide Clamping Shaft Collar 4 onto the Bottom Roller Bar next to the White Bottom Roller (**Figure 21**). **Note: Do not tighten set screws in Clamping Collars yet.**



Figure 20



Figure 21

Note: The Bottom Roller Bar does not need to be live for embossing so the Dowel Pin is not necessary here. If you do want the Bottom Roller Bar to be live, refer to Figure 6 on Page 6.

- 3) Check alignment of the Embossing Roll and White Bottom Roller by raising the Pressure Adjustment Lever and locking into place (**Figures 22-1 and 22-2**). The White Bottom Roller should just fit between the Flanges (**Figure 23**).
- 4) After White Bottom Roller is aligned properly, tighten the set screws in Clamping Collars 3 & 4 to keep roll securely in place, making sure screws are making contact with the flat side of the Bottom Roller Bar (**Figure 24**).



Figure 22-1



Figure 22-2



Figure 23

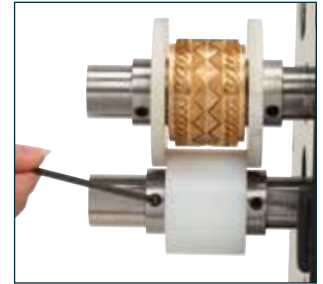


Figure 24

EMBOSSING TIPS

We recommend running scrap leather through the machine and adjusting the distance between Top Roller Bar and Bottom Roller Bar until you achieve the right level of embossing for your project.

- The Adjustment Handle at the top of the machine controls the distance between the Top Roller Bar and the Bottom Roller Bar with the Pressure Adjustment Lever raised into the locked position. For lighter embossing, turn the Adjustment Handle clockwise for more distance between the bars. For deeper embossing, turn the Adjustment Handle counterclockwise for less distance between the bars (**Figure 25**).
- With the Pressure Adjustment Lever raised into the locked position, run strap through the machine by rotating the Hand Crank clockwise (toward the back of machine) (**Figure 26**).



Figure 25



Figure 26

Easily Leave a Blank Area While Maintaining Consistent Pressure

To leave a clear area on your project, release embossing pressure by lowering Pressure Adjustment Lever away from you. Advance the strap to the point you want to resume embossing and raise the Pressure Adjustment Lever to return to the exact same embossing pressure (**Figure 27**).

Gives You the Ability to Emboss Larger Projects

If you want to emboss the edge of a larger project, simply leave off the Flange that normally is placed beside Clamping Shaft Collar 2. You'll then have the space and freedom to guide the leather by hand (**Figure 28**).



Figure 27



Figure 28

Note: If you choose to have the Bottom Roller Bar live during embossing, you'll need the correct size White Bottom Roller for your embossing roll. Please refer to Page 13 for details.

Maintenance

To keep the Master Tools Creaser/Embosser in good working order, we recommend you grease the two grease fittings (**Figure 29**) on the left side of the machine with lightweight grease at regular intervals, depending on frequency of use.



Figure 29

Replacement Parts

- ❶ 65-6776 1" Clamping Shaft Collar
- ❷ 65-6777 1/4" Alloy Steel Dowel Pin, 1/2"
- ❸ 65-6778 1/4" x 1" Machine Key
- ❹ 65-6779 1/8" Allen Wrench L-Key



Accessories

Versatile Machine Allows You to Choose the Accessories You Need

EMBOSSING ACCESSORIES

A 2" White Bottom Roller (65-6771) is needed to use this machine with the rolls below for embossing. Width of the white roll will depend on the width of the strap you want to emboss.

- ❶ 65-6739 Diamond/Rope Edge Embossing Roll, 1-1/8"
- ❷ 65-6740 Braid Embossing Roll, 1-1/16"
- ❸ 65-6741 Floral Embossing Roll, 1-1/8"
- ❹ 65-6742 Basketweave Embossing Roll, 1-3/8"
- ❺ 65-6743 Mountain/Buck Embossing Roll, 1-1/4"
- ❻ 65-6744 Mountain/Elk/Bear/Eagle Embossing Roll, 1-1/4"
- ❼ 65-6771 2" White Bottom Roller, 5/8", 3/4", 1", 1-1/4" or 1-1/2"
- ❽ 65-6772 2-1/2" White Bottom Roller, 5/8", 3/4", 1", 1-1/4" or 1-1/2"
- ❾ 65-6774 Embossing Flange, 2" or 2-3/4", sold per pair
- ❿ 65-6775 1-1/4" Embossing Shim, .01" (1), .03" (2), .06" (3) or .125" (4), sold per pair



CREASING ACCESSORIES

- ❶ 65-6773 Creaser with 2" White Bottom Roller Set, 5/8", 3/4", 1", 1-1/4" or 1-1/2" (Not Pictured)
- ❷ 65-6771 Replacement 2" White Bottom Roller, 5/8", 3/4", 1", 1-1/4" or 1-1/2"



Chart Detailing White Bottom Rollers Necessary for Embossing

EMBOSSING/ CREASING ROLLS			FLANGES		WHITE BOTTOM ROLL						SPACERS
	Width	Outside Diameter	2" Flange	2.75" Flange	2" DIAMETER			2.5" DIAMETER			Spacers
					1" Wide	1.25" Wide	1.5" Wide	1" Wide	1.25" Wide	1.5" Wide	
Embossing Roll	1"	1.375"-1.750"	X					X			X
Embossing Roll	1.25"	1.375"-1.750"	X						X		X
Embossing Roll	1.5"	1.375"-1.750"	X							X	X
Embossing Roll	1"	1.813"-2.188"		X				X			X
Embossing Roll	1.25"	1.813"-2.188"		X					X		X
Embossing Roll	1.5"	1.813"-2.188"		X						X	X
Embossing Roll	1"	2.250"-2.500"		X	X						X
Embossing Roll	1.25"	2.250"-2.500"		X		X					X
Embossing Roll	1.5"	2.250"-2.500"		X			X				X
Embossing Roll	1"	2.563"-2.813"	Custom		X						X
Embossing Roll	1.25"	2.563"-2.813"	Custom			X					X
Embossing Roll	1.5"	2.563"-2.813"	Custom				X				X
Creasing Roll	1"	2"	N/A		X						N/A
Creasing Roll	1.25"	2"	N/A			X					N/A
Creasing Roll	1.5"	2"	N/A				X				N/A

