

BACK COVER

TIPPMANN

INDUSTRIAL PRODUCTS, INC.

OPERATOR'S MANUAL

THE TIPPMANN
"BOSS"
HAND STITCHER



Rev: 06-06-07

TIPPMANN

INDUSTRIAL PRODUCTS, INC.

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CONGRATULATIONS on your purchase of the Tippmann "BOSS" hand stitcher sewing machine

⚠ WARNING

READ THROUGH THIS MANUAL THOROUGHLY AND BECOME FAMILIAR WITH THE TIPPMANN "BOSS" PARTS, OPERATION, AND SAFETY PRECAUTIONS BEFORE YOU ATTEMPT TO OPERATE THIS MACHINE.

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STANDARD EQUIPMENT

- 2 Bobbins
- Assortment of 10 Needles*
- Standard Presser Foot*
- Shuttle
- Allen Wrench Set
- Thread Stand
- Bobbin Winder - (Attaches to electric drill)
- Needle Plate

*See *Additional Products & Accessories* pages for options.

WARNING / LIABILITY STATEMENT

This Tippmann "BOSS"® hand stitcher sewing machine is surrendered by Tippmann Industrial Products, Inc., with the understanding that the purchaser assumes all liability resulting from unsafe operation. Tippmann Industrial Products, Inc., shall not be liable for personal injury resulting from the use of this machine under any circumstances.

All information in this manual is subject to change without notice and in no way represents a commitment on the part of Tippmann Industrial Products, Inc. We reserve the right to make changes and improvements to products without incurring any obligation to incorporate such improvements in products previously sold.

SAFETY IS YOUR RESPONSIBILITY!

The ownership of this machine places upon you the total responsibility of its safe operation. You must observe the same safety precautions as you would any piece of equipment to assure the safety of not only yourself but everyone around you.

Outlined here are some general precautions to be aware of: the operator should at all times use common sense when using this machine and be sure others who may operate are also familiarized, responsible and safety conscious. Do not attempt to operate this machine until you have read and are familiar with this manual. Common sense includes reading, reviewing and understanding these written instructions before operating or setting up this machine including but not limited to:

- Before changing needles.
- Before threading needles.
- Before changing bobbin.
- Before disassembly of machine.
- Before moving machine.
- Do not attempt to operate this machine until it is securely fastened to a sturdy work surface.
- Do not operate this machine when parts have been removed as damage to the machine and/or injury to operator may result.

GENERAL DESCRIPTION

The Tippmann "BOSS" hand stitcher sewing machine is a needle-feed, lock-stitch machine. The "BOSS" is designed and built to achieve precision quality stitching, extreme durability of the machine itself and maximum owner satisfaction for many years.

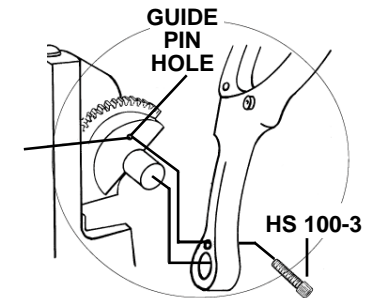
SPECIFICATIONS

Make TIPPMMANN
Model "BOSS 2"
Type Feed Needle Feed/Lower Needle Guide
Type Stitch Lock Stitch
Type Bed 3 " Cylinder Bed
Throat Depth 6.5"
Stitch Cycle Rate Variable - 1 to 100 Stitches (1" to 15"+ per minute)
Presser Foot Clearance 7/8 inch
Maximum Sewable Thickness 3/4 inch
Needle System 794 Series & 7 x 3
Thread Sizes 69 to 415
Stitch Length Adjuster 4 per inch to 16 per inch
Machine Weight 25 Pounds

SETUP INSTRUCTIONS

1. To Secure machine to existing work bench use three (3) 3/8" bolts or lag screws of suitable length.

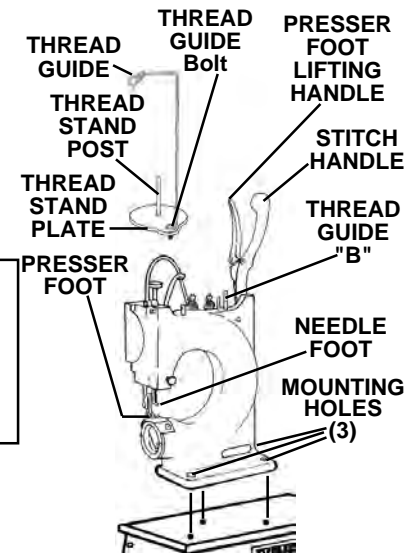
2. Attach the Stitching Handle to the BOSS. Slide the Stitching Handle onto the shaft & secure the handle in position with bolt (HS 100-3).



3. Attach the Thread Stand.

1) Insert the Thread Stand Post into the center of the thread stand base and secure with nut.

2) Insert the bolt through the thread guide and thread stand plate and carefully start it into the provided hole on the top of the sewing machine. Position the thread guide to allow the thread to feed into thread guide B unobstructed and tighten the bolt



CAUTION: Always keep your free hand clear of presser foot and needle foot during operation - including during the following tests.

• To Check* the Presser Foot Lift:
(*Always be sure the presser foot path is clear of hands, tools etc.)

With machine secured to a stable work bench, lift the Presser Foot by squeezing the Presser Foot Lifting Handle. The Presser Foot should lift approximately 7/8 inch.

• To Check* the Stitching Handle:

(*Always be sure needle foot path is clear of hands, tools etc.)
With machine secured to a stable work bench, Cycle the Needle Foot: (by pulling the Stitch Handle completely down and then return it completely to the upright position).

• To Insert Needle -See page 4

• To Thread Machine -See page 6

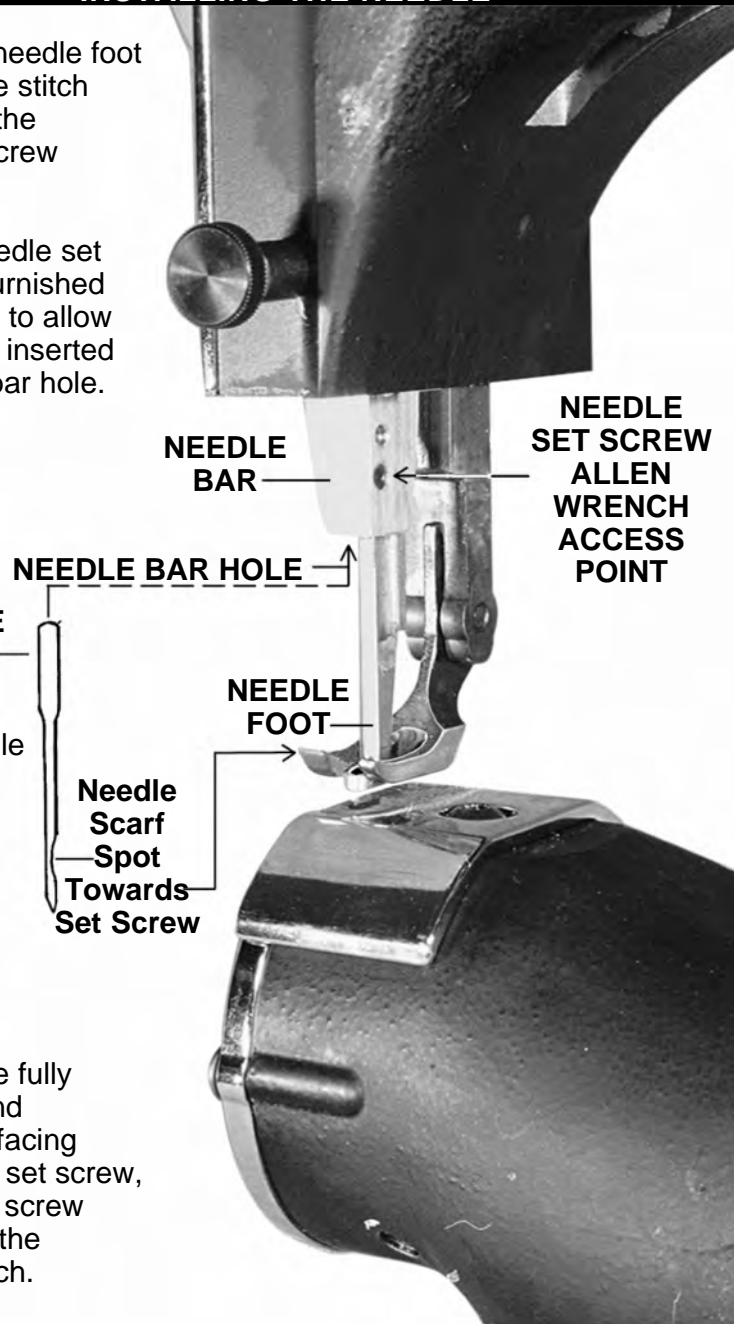
INSTALLING THE NEEDLE

- Lower the needle foot by pulling the stitch handle until the needle set screw is visible.

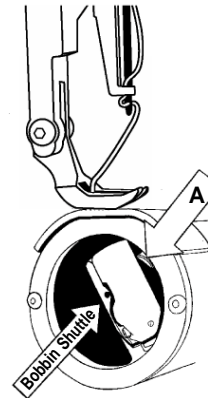
- Loosen needle set screw with furnished allen wrench to allow needle to be inserted into needle bar hole.

- Insert needle shank first, fully into needle bar hole with scarf spot facing the needle set screw.

- With needle fully inserted and scarf spot facing the needle set screw, tighten set screw firmly with the allen wrench.



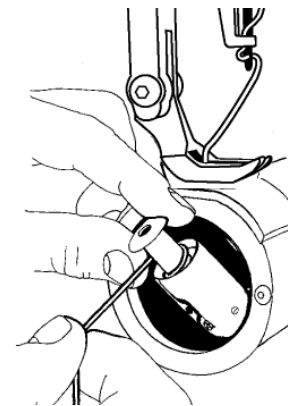
INSTALLING BOBBIN IN BOBBIN SHUTTLE




- Locate the bobbin shuttle in the end of the cylinder bed. Press the shuttle release latch to release the bobbin cylinder (point A).

- Remove the empty bobbin spool and wind with thread.

Do not fill bobbin to the point that is has to be forced into bobbin shuttle!

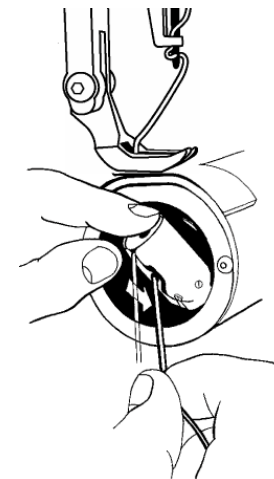


- Insert wound bobbin with 6 - 8 inches of thread kept out counterclockwise  as pictured.

- Hold bobbin in place to keep it from turning. Now pull thread down the tension spring slit (B) until thread reaches thread slot in the shuttle.

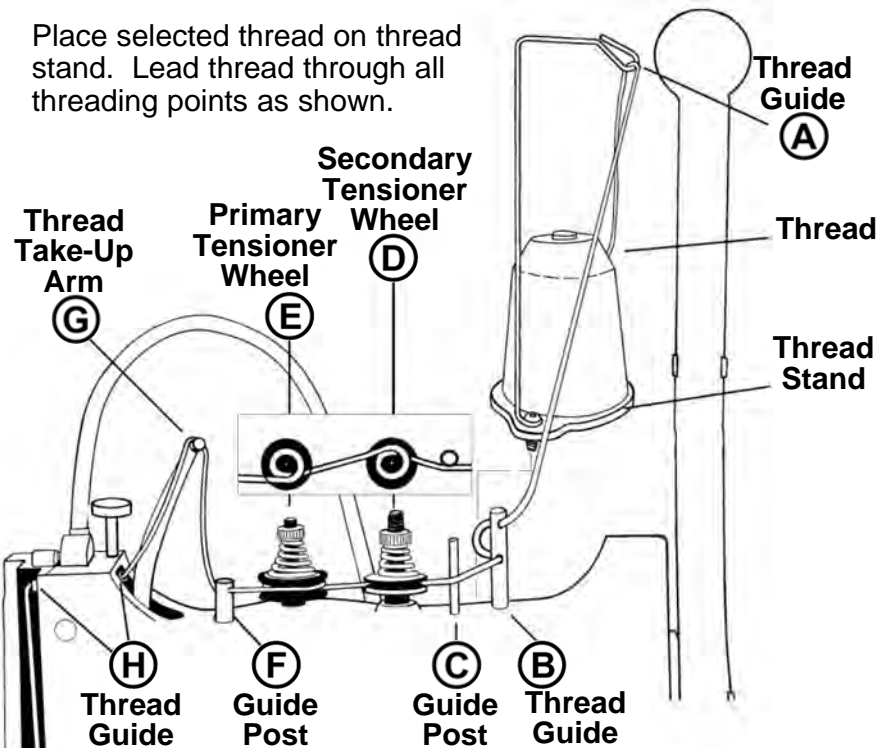
- Secure shuttle by snapping the bobbin cylinder back into place. There should be 6 - 8 inches of thread hanging out of the Bobbin Shuttle at the end of the cylinder bed at this point.




(Bobbin Thread Tension Adjustment Instructions on page 12)



THREADING THE MACHINE

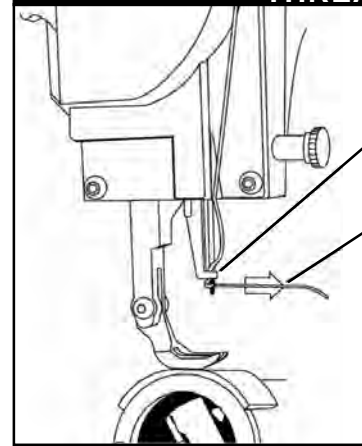
Place selected thread on thread stand. Lead thread through all threading points as shown.



1. Loop thread over thread stand - Thread Guide (A).
2. Pass thread through 2 holes in Thread Guide (B).
3. Weave thread around guide post (C) as shown above.
4. Loop the thread counterclockwise  once around back side of Secondary Tensioner Wheel (D) as shown above.
NOTE: Wheel shown from top view.
5. Loop thread clockwise  once around the Primary Tensioner wheel (E) as shown above. NOTE: Wheel shown from top view.
6. Pass thread through guide post (F) as shown above.
7. Pass thread through Take-up Arm (G) as shown above. (NOTE: The primary tensioner wheel should rotate clockwise  as thread is drawn through the thread take-up arm).
8. Continue thread through thread guide (H) as shown above and down edge of machine through needle foot as shown above.

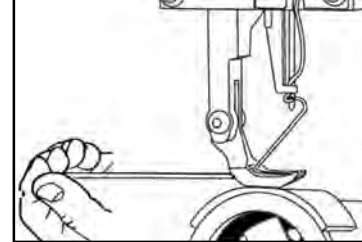
You are now ready to thread the needle. (Above Needle — shown threaded.)

THREADING THE NEEDLE



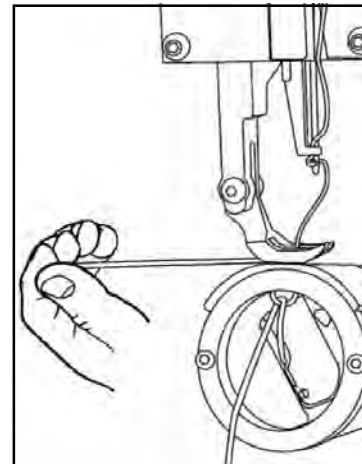
- Pass the thread down through needle foot then thread through the needle eye from left to right as shown in illustration.
- Pull about 6 - 8 inches of thread through the eye of the needle.

DRAWING BOBBIN THREAD UP THROUGH NEEDLE PLATE



STEP 1:

- Place the thread under the presser foot and hold very lightly to the back .

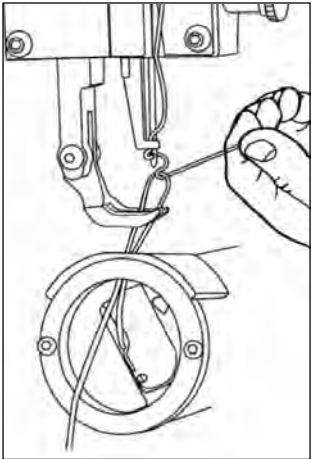


STEP 2: Looping bobbin and needle threads.

- Hold the needle thread lightly to the rear as shown and cycle the handle (pull down & up completely one time without releasing the end of the needle thread. This action loops the bobbin and needle threads together inside the cylinder bed.

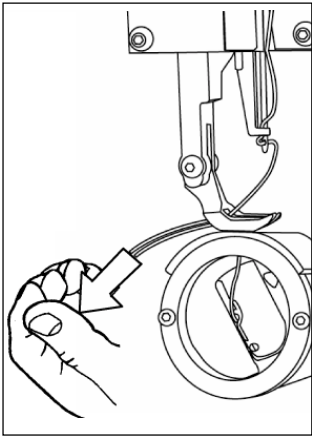
If it does not loop, be sure to hold the thread *gently* to the rear as outlined in Step 1 and try again. NOTE: Be careful not to pull the thread tightly or the loop will not form and the shuttle will not be able to pass through the loop as required.

DRAWING BOBBIN THREAD UP THROUGH NEEDLE PLATE



STEP 3: Drawing up the bobbin thread.

- Lift the presser foot and pull the needle thread up. The bobbin thread will come up with it through the needle plate.



STEP 4: Aligning threads to sew.

- Align both threads under the presser foot to the back as shown.
- You are now ready to sew. NOTE: It is necessary to hold thread ends to begin stitching.

HOW TO SEW:

How do I start and finish locking a stitch?

- You will want to make sure that your sewing machine is on a sturdy work surface before starting any set up or maintenance of your machine.
- Start on your material about ¼" from where you would normally start.
- Sew to where you would normally start, then turn your material around and sew back through the previous holes and continue on.
- When you are to the end of your stitchline, lift your presser foot and move your material back, to line up your needle with the previous hole and then repeat.
- If you are in need of additional assistance feel free to call us Toll Free: **866-286-8046**

PRESSER FOOT ADJUSTMENT


The Presser Foot Adjustor adjusts the Presser Foot Pressure.

A properly adjusted Presser Foot will advance the material without slipping.


To determine the proper pressure for the material to be sewn, perform the following test.

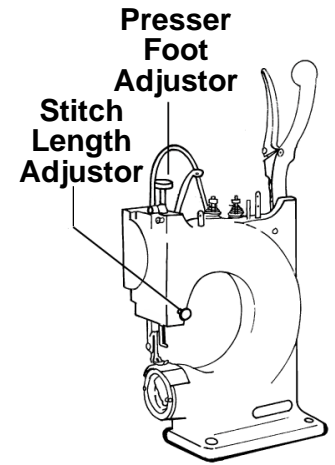
- Use a piece of the material to be sewn.
- Insert the sample material under the Presser Foot and sew a couple stitches.
- Observe the test material during stitching.
 - If the material is not advanced by the Presser Foot, the pressure needs to be increased.
 - If the presser foot leaves a deep impression on the material, the pressure needs to be decreased.

To increase the Pressure.

- Turn the Presser Foot Adjustor clockwise . Re-test as before and adjust until the material is advanced by the Presser Foot without slipping.

To decrease the Pressure.

- Turn the Presser Foot Adjustor counterclockwise . Re-test and adjust until the material is advanced by the Presser Foot without leaving a deep impression.




STITCH LENGTH ADJUSTMENT

Adjust the stitch length with the Stitch Length Adjustor.


• For a larger stitch.

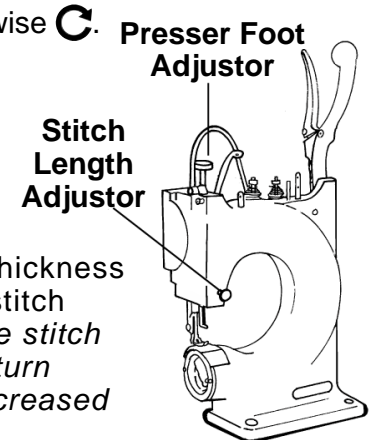
Turn the Stitch Length Adjustor clockwise .

• For a smaller stitch.

Turn the Stitch Length Adjustor counterclockwise .

• When the material thickness is increased, the stitch length shortens.

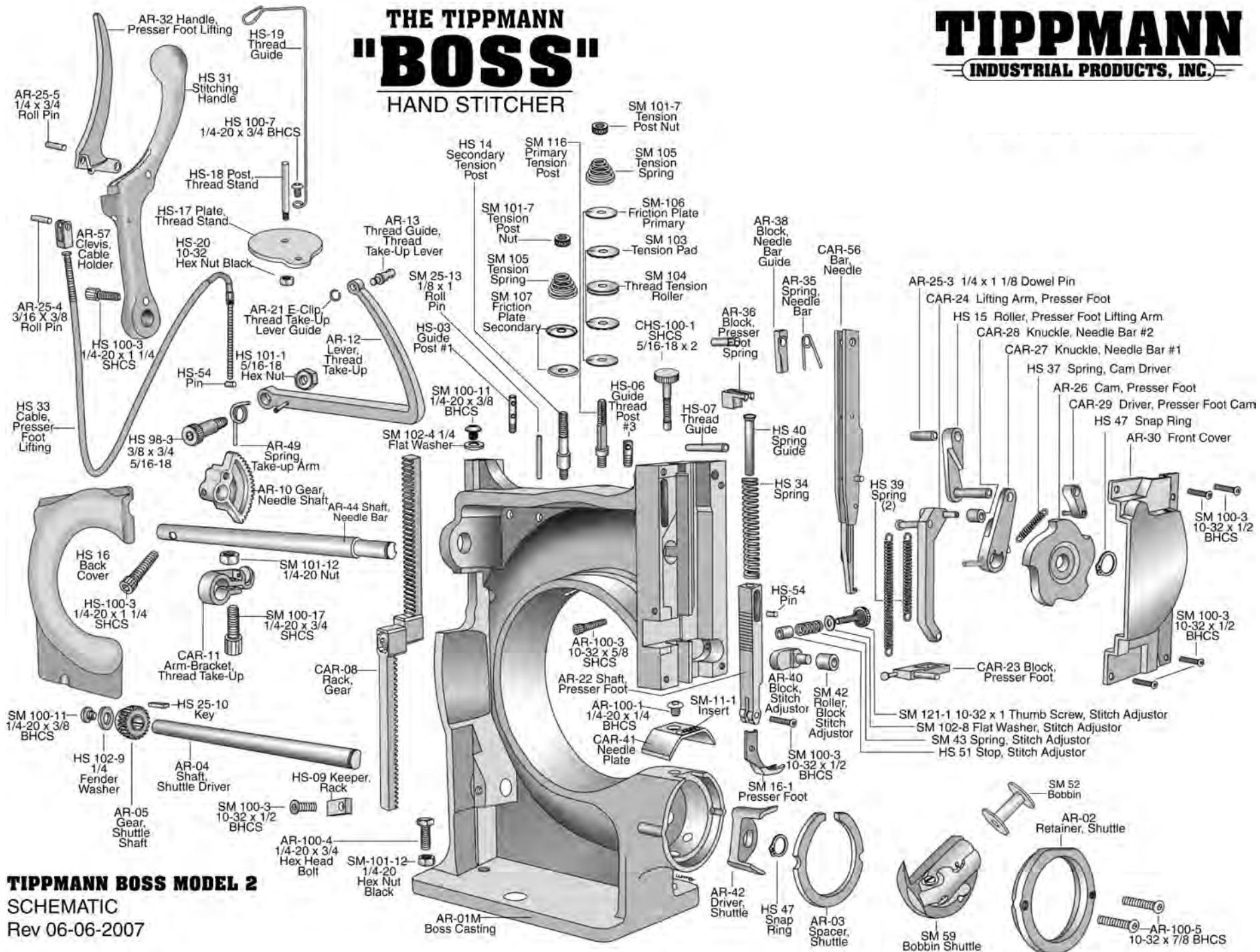
Length of stitch is proportional to thickness of material. To maintain an even stitch length adjust accordingly. Turn the stitch length adjustor approximately 1/4 turn clockwise  for 1/4 inch climb (increased thickness).



THE TIPPMANN "BOSS" HAND STITCHER

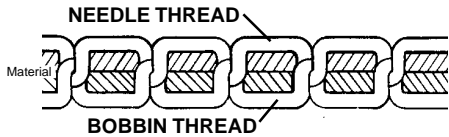
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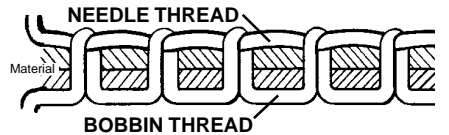
TIPPMANN BOSS MODEL 2
SCHEMATIC
 Rev 06-06-2007

ADJUSTING THE STITCH




A PERFECTLY LOCKED STITCH results with upper and lower tensions balanced so that needle and bobbin threads are drawn into material equally.

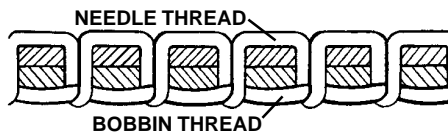
NEEDLE THREAD TENSION — ADJUSTMENTS



NEEDLE THREAD IS NOT BEING DRAWN INTO MATERIAL


Needle thread tension may be too tight.

- Lower needle thread tension by adjusting the Primary Tensioner.
- Turn the Primary Tensioner adjusting nut counterclockwise  to lesson the needle thread tension.

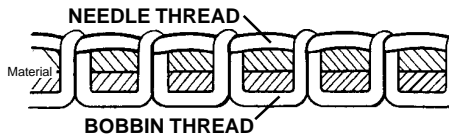


NEEDLE THREAD IS BEING DRAWN THROUGH MATERIAL

Needle thread tension may be too loose.

- Tighten needle thread tension by adjusting the Primary Tensioner.
- Turn the Primary Tensioner adjusting nut clockwise  to increase the needle thread tension.

BOBBIN THREAD TENSION — ADJUSTMENTS



BOBBIN THREAD IS BEING DRAWN THROUGH FABRIC

Bobbin thread tension may be too loose.

- First loosen locking screw.
- Tighten bobbin thread tension by turning bobbin tension adjustor screw clockwise.
- Tighten locking screw to hold adjustment.



BOBBIN THREAD IS NOT BEING DRAWN INTO FABRIC

Bobbin thread tension may be too tight.

- First loosen locking screw.
- Loosen bobbin thread tension by turning bobbin tension adjustor screw counterclockwise.
- Tighten locking screw to hold adjustment.



THREAD SPECIFICATIONS

Recommended Thread and Needles for Tippmann Boss

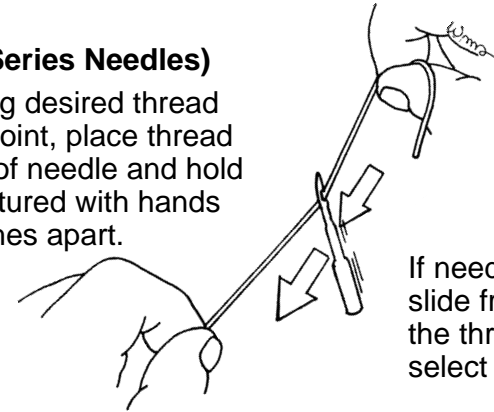
Thread Size	ROUND POINT 7 x 3 Needle Part #	CHISEL POINT 794s Serv 1 Needle . Part #
69	7 X 3 110 7x3110	- -
99	7 X 3 110 7x3110	- -
138	7 X 3 130 7x3110	- -
207	7 X 3 160 7x3110	794s Serv 1 160 SM 53-9
277	7 X 3 180 7x3110	794s Serv 1 180 SM 53-7
	7 X 3 200 7x3110	794s Serv 1 200 SM 53-4
346	7 X 3 230 7x3110	794s Serv 1 230 SM 53-5
415	7 X 3 230 7x3110	794s Serv 1 230 SM 53-5

NOTE: Round Point Needles Are For General Purpose - Including Leather.
Chisel Point Needles Are Generally Used For Leather.

RELATIVE SIZES OF NEEDLES & THREAD

**(Recommend
7 X 3 & 794s Series Needles)**

After selecting desired thread and needle point, place thread through eye of needle and hold thread as pictured with hands about 10 inches apart.



If needle does not slide freely down the thread — select larger needle.

TROUBLE SHOOTING

TROUBLE SHOOTING YOUR BOSS HAND STITCHER:

The following instructions are illustrated in the trouble shooting section of your instructional and trouble shooting video, which was provided with your machine. Refer to the machine schematic on pages 11 and 12 as you review these trouble shooting tips.

BEFORE DOING ANY MAINTENANCE OR ADJUSTING OF YOUR BOSS HAND STITCHER, MAKE SURE THAT YOUR MACHINE IS MOUNTED ON A STURDY WORK SURFACE.

1. I SEEM TO BE MISSING STITCHES. If you are missing stitches:

- Check to make sure that you have the correct needle size for the size thread which you are using.
- If you have found that your needle size and thread are correct, try turning your needle to the left or to the right a couple of degrees, using the allen wrench provided in your accessory kit.
- If you are still missing stitches, you will want to adjust your rack stop 1 to 2 full turns. The rack stop is located in the lower left hand corner behind cover.

TO ADJUST THE RACK STOP (AR-100-4), DO THE FOLLOWING:

1. Remove back cover
2. Loosen Hex Nut
3. Turn your bolt 1 to 2 full turns
4. Replace back cover

2. MY THREAD IS BINDING OR JAMMING. If your thread is binding or jamming, the first thing you should do is check your primary and secondary tensions. Refer to your schematic to locate your primary and secondary tensions.

TO ADJUST THE TENSIONS, DO THE FOLLOWING:

- 1) Back the nut off until it is no longer touching the spring.
- 2) Secondary tensions should be set at 2 full turns from the time the nut touches the spring.
- 3) Primary tensions should be set at 1&1/2 turns from the time the nut touches the spring.

3. I HAVE CHECKED MY TENSION, BUT MY THREAD IS STILL JAMMING AND DOUBLE LOOPING, WHAT SHOULD I DO?

- Make certain that the lever thread take up (AR-12) is coming up all of the way.
- Take the thread out of the needle.
- Hold the stitching handle all of the way forward, while holding your hand on the stitching handle.
- Apply pressure on the handle and with your other hand, try to move the lever thread take up, up and down.
- If the lever thread take up (AR-12) moves up and down, while applying pressure to the handle, you will want to remove the back cover and follow these steps.
 - 1) Look for the shaft needle bar (AR-44) . You will notice there is a bracket on the shaft itself. You will find the ARM bracket (CAR-11) - thread take up, attached to the roller.
 - 2) When pressure is being applied to the handle, the roller should be touching the bottom of the thread take up arm (AR-12).
 - 3) If the roller is not touching the bottom of the thread take up arm (AR-12) , loosen the bolt which goes through the thread take up bracket 2 to 3 turns and rotate until it touches.
 - 4) You will then want to retighten the bolt which goes through the thread take up arm bracket (CAR-11).

TROUBLE SHOOTING

(CONTINUED FROM PAGE 14)

You may have to experiment by turning your adjustment a couple of times.

- Make sure your bobbin tension is very loose.
- If you are still having problems, you should go to a larger needle. You will want to try 1 to 2 sizes larger than the needle you are currently using.
- You will then want to try wrapping the thread another time on the secondary and primary tensioners.

5. MY TIMING MAY BE OFF, WHAT SHOULD I DO TO REMEDY THIS?

- Make sure the tip of the long ear of the shuttle driver (AR-42) is right at or right before 12 o'clock when the stitching handle is all of the way forward.

6. MY THREAD IS FRAYING, HOW DO I STOP IT FROM FRAYING?

- Check your thread and make sure that you are using a nylon or polyester thread.
- If you are using a nylon or polyester thread and it is fraying, make sure that it is not frayed off of the spool. If the thread is frayed off of the spool, call the retailer where you purchased the thread and let them know.
- If your thread is not frayed off of the spool, you may need to make a minor adjustment on your machine. You will want to call Tippmann's toll free service line and speak to a technician.

7. I AM MISSING STITCHES WHILE SEWING SHEEPSKIN, WHAT SHOULD I DO?

- The easiest way to fix this problem is to put a piece of duct tape over the needle plate (AR-41), this will keep the wool out of the cover area.
- You will then want to cut a slot into the duct tape, directly into the slot of the needle plate.

8. HOW DO I INSTALL MY NEEDLE FOOT?

- 1) Remove needle from needle bar.
- 2) Remove presser foot (SM-16-1)
- 3) Remove needle plate (AR-41)
- 4) Remove the retainer ring screws (AR-160-5) and the retainer ring (AR-02). You will notice the shuttle (SM-59) comes out with the retainer ring.
- 5) Remove the front cover screws (SM-100-3) and the front cover (AR-30).
- 6) Pull the stitching handle (HS-31) down
- 7) Remove the 5/64 set screw, located above the slot window in the needle bar.
- 8) Hold the needle foot (AR-20) while raising the stitching handle, then remove the needle foot (AR-20), along with the spring.
- 9) You will replace the spring (AR-52) and the new needle foot (AR-20).
- 10) Place your small standard screwdriver in the slotted window on top of the spring (AR-52) and push the needle foot (AR-20) up, then insert the 5/64 set screw.
- 11) The final step is to replace all other parts.
 1. Replace front cover (AR-30).
 2. Replace shuttle (SM-59) and retainer ring 9 (AR-02) by:
 - Place shuttle (SM-59) into the retainer ring (AR-02).
 - Put retainer ring (AR-02) back on.
 3. Replace needle plate (AR-41). Note, do not lock down all of the way, leave it a bit loose.
 4. Replace presser foot (SM-16-1).
 5. Replace needle.
 6. Finally, once your needle is in: align the needle in the center of the slot on the needle plate (AR-41).

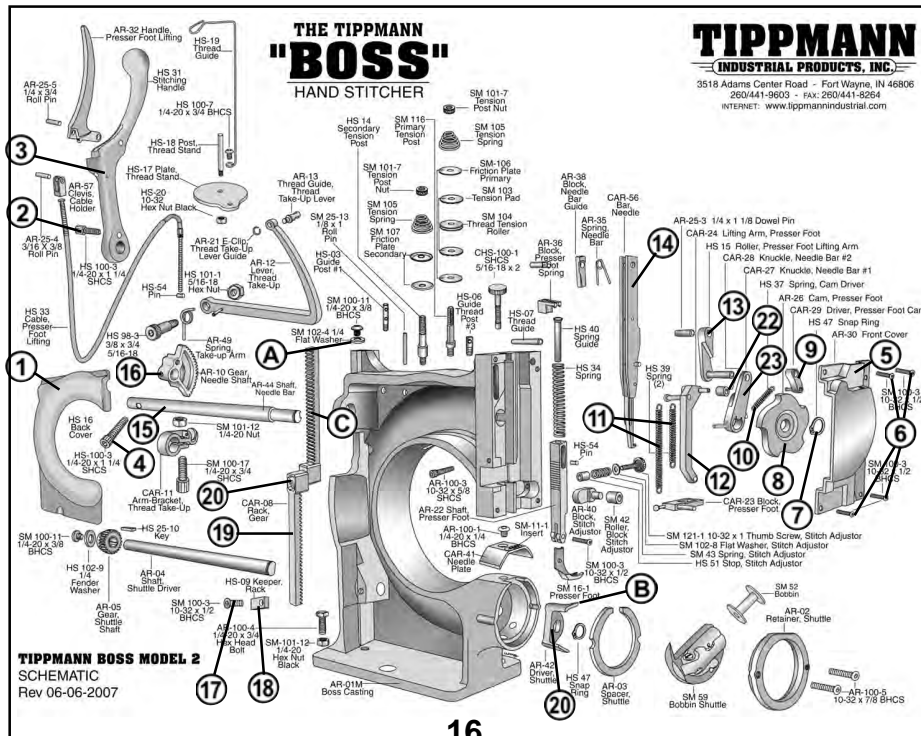
Feel Free to call Tippmann's Toll Free service line 866-286-8046 for further instruction on how to repair your Boss Hand Stitcher.

RACK GEAR INSTALLATION & TIMING ADJUSTMENT

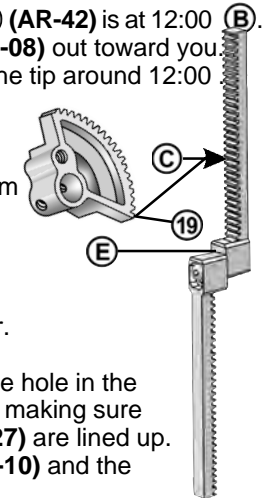
BEFORE DOING ANY MAINTENANCE OR ADJUSTING OF YOUR BOSS HAND STICHER, MAKE SURE THAT YOUR MACHINE IS MOUNTED ON A STURDY WORK SURFACE. The following instructions are illustrated in the trouble shooting section of your instructional and trouble shooting video, which was provided with your machine. The schematic illustration below has callout numbers to help you locate the parts quickly, and part numbers to refer to the larger schematic on pages 10 and 11 as necessary. While the schematic below shows the machine in a fully disassembled view, *it is not necessary to disassemble the machine any more than specified in the following instructions.*

REPLACING THE GEAR RACK:

- Clamp your machine down to the table or work bench.
- Pop off the back cover ① (HS-16).
- Remove the handle bolt ② (100-3).
- Remove the handle ③ (HS-31); (You May Have To Tap With A Rubber Mallet.)
- Take gear bolt ④ (HS100-3) off.
- Turn machine around so that you are facing the machine front.
- Clamp the machine down to the work bench.
- Go the front cover ⑤ (AR-30) and remove 4 front cover bolts ⑥ (SM-160-3).
- Remove snap ring ⑦ (HS-47) with snap ring pliers.
- Remove cam presser feet ⑧ (AR-26).
- You will then remove the drive presser foot cam ⑨ (CAR-29). NOTE: SPRING ⑩ (HS-37) WILL COME OFF.
- Remove springs ⑪/⑪ (HS-39) off of the lifting arm ⑫ (CAR-24).
- You will then remove the lifting arm presser foot ⑬ (CAR-24).



- Take a small rubber mallet, and then, while holding the needle bar ⑭ (CAR-56) in, tap the needle bar shaft towards the front of the machine. NOTE: You May Have To Tap The Rubber Mallet And Tap The Back Towards The Needle Bar.
- Next, with a punch, 5/32 or larger, apply to back of needle bar shaft ⑮ (AR-44).
- Tap the needle bar shaft ⑮ (AR-44) until it is flush or slightly recessed with the casting.
- Now, your ⑯ (AR 10) gear should pop off.
- Loosen the screw ⑰ (SM100-3) that holds the keeper rack ⑱ (HS-09). NOTE: THE RACK KEEPER WILL SWING OUT OF THE WAY.
- Remove the rack assembly ⑲ (CAR-08)
- After you have received your new rack assembly ⑲ (CAR-08):
 - Make sure that the 2 pieces of the rack assembly ⑲ (CAR-08) are offset as shown below (E).
 - If they are not offset, loosen the screw ⑳ (AR 100-2), slide halves offset and tighten the screw ⑳. (Note: If they are offset, there is no need to loosen the screw.)
- Install new rack gear ⑲ (CAR-08)
- **NOTE: ALLEN HEAD ⑳ SHOULD BE FACING YOU.**
- Make Sure that the tip of the rack gear ⑲ (CAR-08) is touching the flat washer (A), and hold in place.
- While holding the rack gear ⑲ (CAR-08) in place.
 - Make sure that the tip of the long ear on the driver shuttle ㉑ (AR-42) is at 12:00 (B).
 - If the long ear is not at 12:00 pull the rack gear ⑲ (CAR-08) out toward you
 - With the other hand, rotate the driver ㉑ (AR-42) to get the tip around 12:00
 - Then shove gear ⑲ (CAR-08) back in.
- Next, tighten the rack keeper screw ⑰ (SM100-3).
- Reinstall gear needle shaft ⑮ (AR-10)
- Count up to 13 slots (C) on gear rack ⑲ (CAR-08) from where to the 2 pieces join together.
- **NOTE: This will be the 12th tooth and the 13th slot (C).**
- Take the gear ⑮ (AR-10)
- Go to the 13th slot (C) on the gear rack ⑲ (CAR-08)
- Hold the gear ⑮ (AR-10) on left side of ⑮ (AR-10) gear.
- Make sure the gear ⑮ (AR-10) is all of the way up.
- Take a rubber mallet and line up gear ⑮ (AR-10) with the hole in the casting and then tap the needle shaft ⑮ (AR-44), while making sure that the knuckle ㉒ (CAR-28) and the knuckle ㉓ (CAR-27) are lined up.
- Take Bolt ④ (HS 100-3) and line it back up with ⑮ (AR-10) and the hole in the needle shaft ⑮ (AR-44).
- Screw bolt ④ (HS 100-3) back in.
- **REPLACE FRONT COVER PARTS:**
- Put the pressor foot lifting arm ⑫ (CAR-24) back on.
- Reattach spring ⑪ (HS-39).
- Replace cam driver ⑨ (CAR-29) by first putting spring ⑩ (HS-37) over hook on knuckle ㉓ (CAR-27)
- Then, put spring on pin on ⑨ (CAR-29)
- Next, put the cam driver ⑨ (CAR-29) over the pin ㉒ (CAR-28).
- You will then replace the ⑧ CAM (AR-26).
- Replace the snap ring ⑦ (HS-47)
- Replace front cover ⑤ (AR-30) and 4 front cover bolts ⑥/⑥/⑥/⑥ (SM-160-3).
- Replace handle ③ (HS-31) and the handle bolt ② (100-3).
- Replace back cover ① (HS-16) and reassembly is complete.



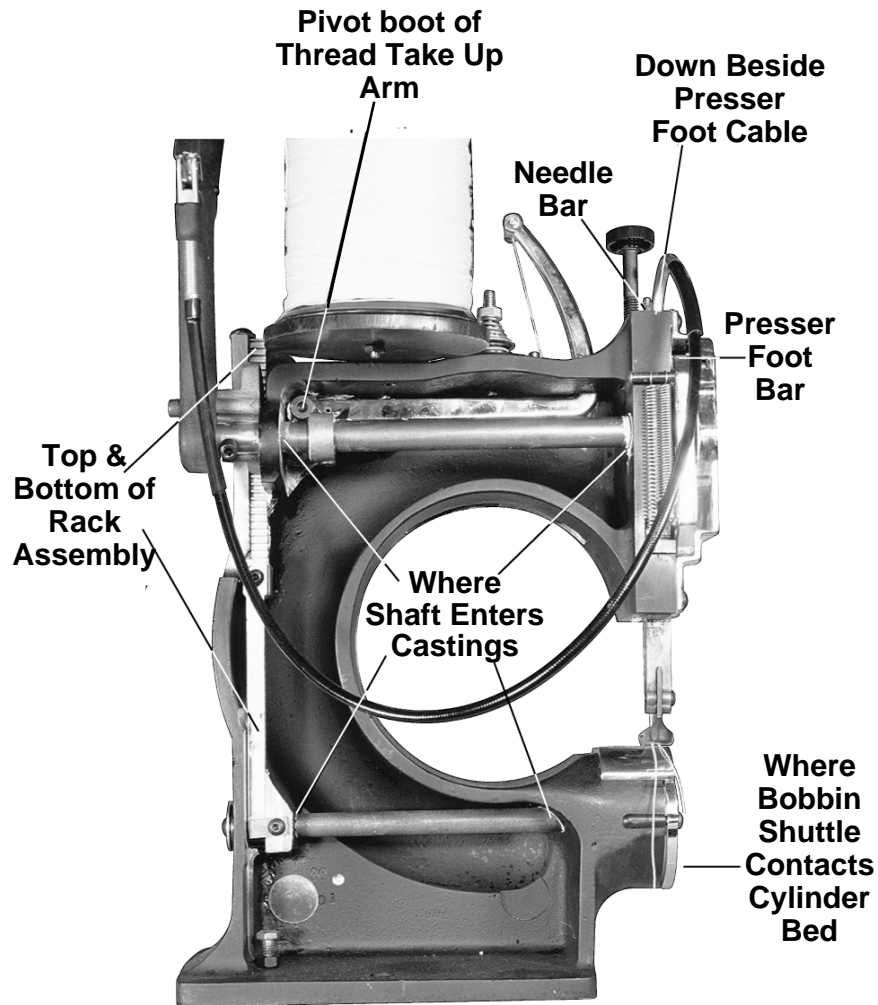
Call Tippmann's Toll Free service line 866-7286-8046 for further assistance if needed.

CLEANING AND LUBRICATING THE MACHINE

Your Tippmann "BOSS" should always be kept clean from lint and dust buildup to insure proper operation. Periodically check the external and internal components of the machine to remove any buildups which may have occurred.

- After cleaning any lint or dust buildups, place a drop or two of oil at the wear points such as those indicated below...

NOTE: Use a quality sewing machine oil when oiling the "BOSS".



TIPPMANN

INDUSTRIAL PRODUCTS, INC.

WARRANTY AND REPAIR POLICY

Tippmann Industrial Products, Inc., is dedicated to providing you with the precision manufactured Tippmann "BOSS®" hand stitcher sewing machine and the quality support necessary for the utmost satisfaction in its use. In the event warranty or other non-warranty related repairs are required, we are here for you. We are open Monday - Friday - 8:30 to 5:00 "Eastern Time and available 24/7 online at www.service@tippmannindustrial.com. For assistance with warranty and repair call 1 (260) 441-9603.

WARRANTY STATEMENT

Tippmann Industrial Products, Inc. warrants that this product is found free from defects in materials and workmanship for a period of 1 year from the original date of purchase by the initial owner/purchaser. On claims submitted as outlined in "WARRANTY OR REPAIR PROCEDURE" Tippmann Industrial Products, Inc. will repair or replace, without charge, any parts that have failed through defect in material or workmanship.

WARRANTY OR REPAIR PROCEDURE

For warranty and non-warranty repair, after contacting Tippmann, ship or deliver your sewing machine or specific parts to Tippmann Industrial Products, Inc., with a brief statement regarding the requested repair, your name, address and telephone number where you can be reached during normal business hours, if possible.

SHIP TO:

TIPPMANN INDUSTRIAL PRODUCTS, INC.
3518 Adams Center Road,
Fort Wayne, IN 46806

ADDITIONAL TIPPMANN PRODUCTS & ACCESSORIES

THE TIPPMANN EMBOSSE

\$995.00

The Tippmann Embosser is a hand operated embossing, creasing and cutting machine. The Tippmann Embosser is designed and built to achieve precision quality embossing, creasing and cutting of leather. Tippmann Industrial Products, Inc. has designed the Embosser for extreme durability of the machine itself and maximum owner satisfaction for many years.

The Tippmann "EMBOSSER" HAND POWERED EMBOSHING, CREASING AND CUTTING MACHINE



SPECIFICATIONS:

Make Tippmann
Model EMBOSSE
Approximate Shipping Weight 30 lbs.
Overall Dimensions 20" Wide, 6" Deep, 9 1/2" High
Standard Embossing Die Size Outside Diameter 1 1/2"
Optional Embossing Die Size Outside Diameter 2"
Power Requirements Hand Powered



The Tippmann 7 TON "CLICKER"

\$1,495.00

SPECIFICATIONS:

Make **TIPPMANN**
Cutting Pressure 7 Ton
Cutting Beam 12" x 12"
Cutting Area 12" x 12"
Recommended Die Height 1.25"
Approximate Shipping Weight 260 lbs.
Operating Pressure 80-110 PSI
Overall Dimensions 12"W, 19"D, 13"H

TIPPMANN CLICKERS are air operated die cutting machines that deliver tons of pressure at the touch of a button. No electricity or hydraulics required. These machines operate off of 80-120 lb. psi Air Pressure (Standard 1 HP Air Compressor). They die cut leather, fabric, gasket material, plastic, paper/card stocks, etc.

Attractive Clicker Features

- Compact size
- Large cutting capacity
- Heavy cast iron C frame construction permits easy side or front loading
- Very low maintenance

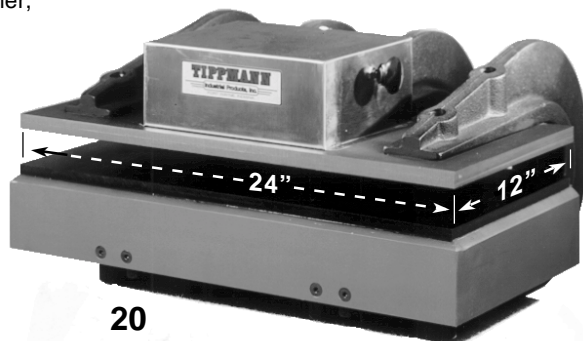
For more information
Call us at 1-866-286-8046
www.tippmannindustrial.com

The Tippmann 15 TON "CLICKER"

\$2,995.00

SPECIFICATIONS:




Make **TIPPMANN**
Cutting Pressure 15 Ton
Cutting Beam 12" x 24"
Cutting Area 12" x 24"
Recommended Die Height 1.25"
Approximate Shipping Weight 560 lbs.
Operating Pressure 80-110 PSI
Overall Dimensions 25"W, 20"D, 14"H



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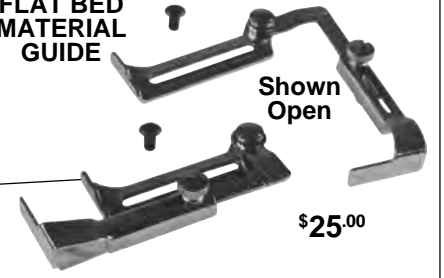
ADDITIONAL TIPPMANN PRODUCTS & ACCESSORIES

SM 16-1  STANDARD PRESSER FOOT \$37.00	SM 16-2  LEFT PRESSER FOOT \$37.00	SM 16-3  RIGHT PRESSER FOOT \$37.00	SM 16-4  CENTER PRESSER FOOT \$37.00
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SM 16-5  FLEECE & PADDED MATERIAL FOOT \$37.00	SM 52  BOBBINS \$5.00 Each 5 or more \$4.00 Each	CUSTOM DIE BLADES  MADE TO MATCH YOUR PATTERNS Quote Item
--	---	--

CAR 41  NEEDLE PLATE (General Purpose) \$26.95	NYLON THREAD  Thread White \$26.40 per 1 lb. Spool Thread Black or Color \$30.80 per 1 lb. Spool
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SM 55  STIRRUP ATTACHMENT \$74.99	CMG 1  MATERIAL GUIDE ATTACHMENT (Retractable) \$119.99
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CSM 38  FLAT BED ATTACHMENT \$134.99 Shown With HS 60 Flat Bed Material Guide (Sold as separate item)	HS 60  FLAT BED MATERIAL GUIDE Shown Open \$25.00
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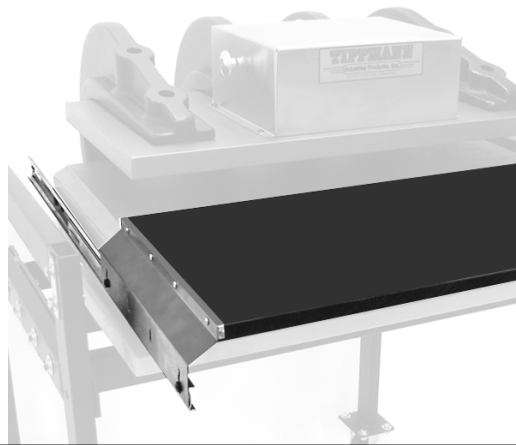
TIPPMANN CLICKER ACCESSORIES

CL - 34

SLIDE DECK

The slide deck allows you to slide the entire cutting deck in and out of the machine in order to load the material and die. This will allow you to view the exact location when loading your die.

\$220.00

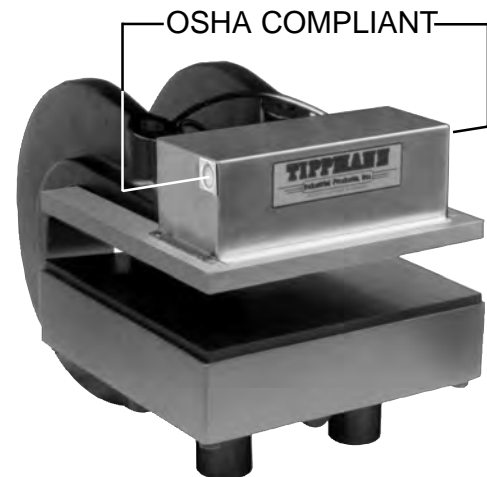


CL - 2H

2 HAND - NO TIE DOWN - DUAL PALM CONTROLS

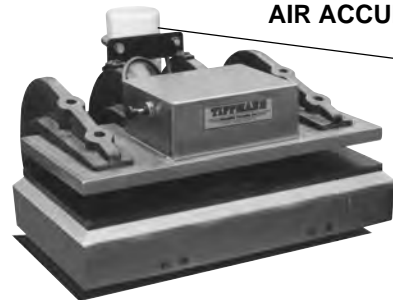
If your company mandates OSHA compliance, we can handle it. Our dual palm controls will bring your Clicker up to standard. The dual palm controls will not let the machine operate unless both the left and right buttons are held simultaneously.

\$400.00



CCL 33

15 TON CLICKER AIR ACCUMULATOR SYSTEM



Mounts to back as shown.

\$400.00

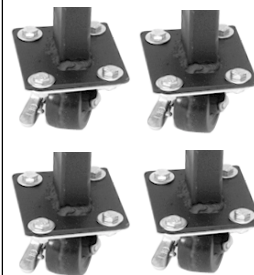


CLK - 69

CASTERS

You can turn your Tippmann Clicker Press into a mobile work station by adding easy glide casters to either your Clicker 700 (CL7-Stand) or your Clicker 1500 (CCLK 50 stand).

(set of 4)
\$120.00



CHS 210

BOSS "BENCH"

\$214.50



CL7-STAND

HEAVY DUTY TABLE With Raised Work Surface for 7 TON CLICKER



\$250.00

Allows you to slide material in and out of Clicker with ease.

CCLK 50

HEAVY DUTY TABLE With Raised Work Surface for 15 TON CLICKER



\$450.00

Allows you to slide material in and out of Clicker with ease.

NEEDLES

DESCRIPTION PART # PRICE

DESCRIPTION	PART #	PRICE
Needle 7 X 3 110	7X3110	\$ 1.99*
Needle 7 X 3 130	7X3130	\$ 1.99*
Needle 7 X 3 160	7X3160	\$ 1.99*
Needle 7 X 3 180	7X3180	\$ 1.99*
Needle 7 X 3 200	7X3200	\$ 1.99*
Needle 7 X 3 230	7X3230	\$ 1.99*
Needle 7 X 3 250	7X3250	\$ 1.99*

Needle 794s Serv 1 160	794160	\$ 1.99*
Needle 794s Serv 1 180	794180	\$ 1.99*
Needle 794s Serv 1 200	794200	\$ 1.99*
Needle 794s Serv 1 230	794230	\$ 1.99*
Needle 794s Serv 1 250	794250	\$ 1.99*

*(10 or more needles of 1 size \$1.25 each)

MISCELLANEOUS

DESCRIPTION (Not Pictured)	PART #	PRICE
CLICKER Cutting Bed Tape	CLK 33	\$ 22.00
7 TON CLICKER Cutting Bed (1/2"X12"X12" Replacement)	CL 7 - 15	\$ 30.00
15 TON CLICKER Cutting Bed (1/2"X12"X24" Replacement)	CL 15	\$ 45.00

EMBOSSING ROLL DIES

Choose from a wide selection of patterns to fit your taste.

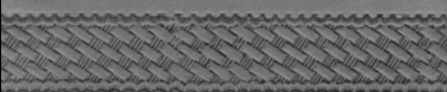
EM-48 1 1/4" EAGLE



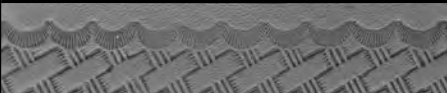
EM-47 1" HORSE HEAD



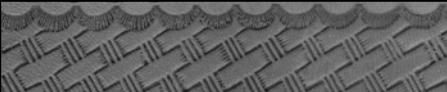
EM-40A 3/4" BASKET WEAVE



EM-40B 1 1/4" BASKET WEAVE



EM-40C 1 1/2" BASKET WEAVE



EM-46 1" MAPLE LEAF



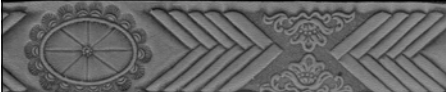
EM-45 1 1/4" OAK LEAF



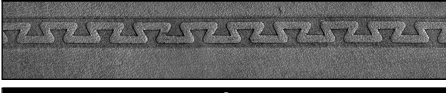
EM-44 1 1/4" MORNING GLORY



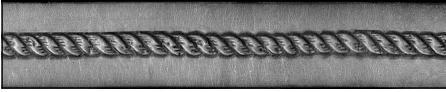
EM-43 1" CHEVRON



EM-41 1/4" SERPENTINE



EM-42 1/4" ROPE



CREASING ROLL SETS

Available in popular sizes

for just the effect you want.



*For more information
Call us at
1-866-286-8046
www.tippmannindustrial.com*

CUSTOM DIE BLADES

*We Offer a Complete
Steel Rule Die Service.*



- (1) Send us a line diagram or pattern.
- (2) We will call you with a quote.
- (3) Upon your final approval, we will ship your completed die within 5 working days.