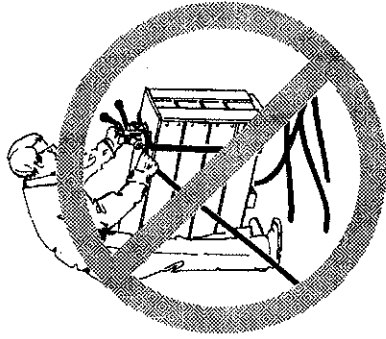


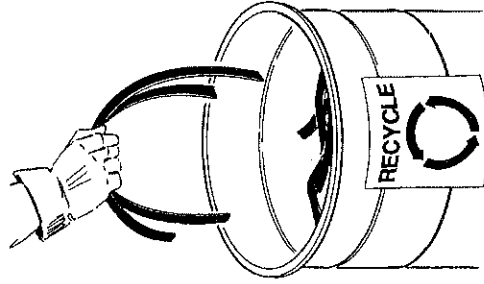
KEEP THE FLOOR UNCLUTTERED

Clear your working area of all loose strapping. Broken or used strapping can create a safety hazard.



DISPOSE OF STRAPPING PROPERLY

Always place used strapping in a container designated for disposal or recycling. Or use a strap chopper (a device that is specially designed for strapping disposal). Never reuse strapping.



Questions? Ask your MIP, Inc. Sales Representative

If you have any questions concerning the safe operation and use of MIP, Inc. strapping or hand tools, your MIP, Inc. Sales Representative will be glad to provide you with answers.

At MIP, Inc., we design our packaging products with safety in mind. This booklet, coupled with training provided by your MIP, Inc. Sales Representative, will help you to use MIP, Inc. strapping tools in a safe, efficient manner. Share this important information with all personnel who use strapping and hand tools. Remember, safety is everyone's job; ours and yours.

MIP, Inc.

GENERAL HAND TOOL AND STRAPPING SAFETY

IMPORTANT! DO NOT DESTROY

It is the customers responsibility to have all operators and servicemen read and understand this booklet.

Contact your local MIP, Inc. representative for additional copies of this booklet.

**READ ALL INSTRUCTIONS BEFORE
OPERATING THIS MIP, INC. PRODUCT. FAILURE TO
FOLLOW ANY OF THESE GUIDELINES COULD
RESULT IN SEVERE PERSONAL INJURY.**

Also available in Spanish language version (SPD-1159S).
Contact your MIP, Inc. Sales Representative.

También se dispone de una versión en Español.
Póngase en contacto con su Representative de Ventas MIP, Inc.

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SAFETY IS EVERYONE'S JOB

MIP, Inc. cares about your safety.

To ensure operator safety, it's important that all personnel use proper tool and strap handling procedures. This safety booklet is aimed at educating operators on the safe, efficient use of MIP, Inc. tools and strapping. All personnel must read this booklet prior to using any MIP, Inc. product. Failure to follow any of the recommendations in this pamphlet could result in severe personal injury.

It's also important that employers assess, evaluate and train employees on any additional safety measures that may be required for their operation. Employers should also make copies of this MIP, Inc. safety booklet available to all employees who work with or around MIP, Inc. tools and strapping. Additional copies of this booklet may be obtained from your MIP, Inc. Sales Representative.

Always Use the Proper Strapping and Seals

MIP, Inc. tools and machines are designed and warranted to work together with MIP, Inc. strapping and seals. Use of strapping, seals or replacement parts not manufactured or specified by MIP, Inc. may result in strap breakage or joint separation while applying strapping to a load or during normal shipping and handling. This could result in severe personal injury. *Remember, safety is everyone's job.*

ALWAYS USE STRAP CUTTERS

Use only cutters specifically designed for strap cutting. Claw hammers, crow bars, chisels and axes will cause tensioned strapping to hazardously fly apart.

CUT STRAPPING CAREFULLY

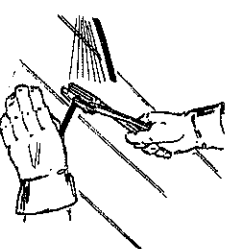
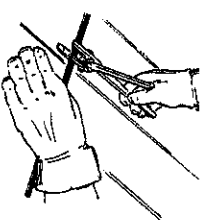
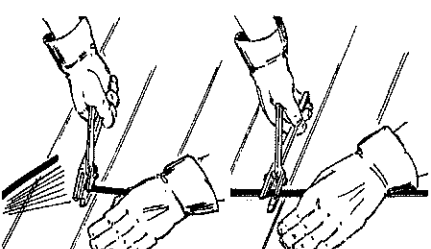
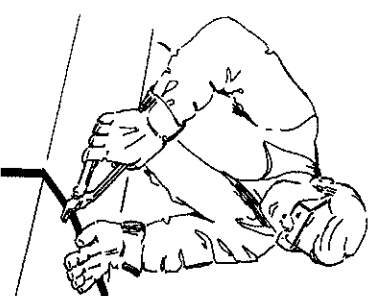
When cutting * vertically tensioned strapping, stand to one side, hold the strapping against the package and cut below the hold.

The strapping will rebound downward - away from you. This will help prevent personal injury. Other people should remain at a safe distance.

When cutting * horizontally tensioned strapping, stand to the left of the cut, hold the strapping against the package, and cut to the right of the hold.

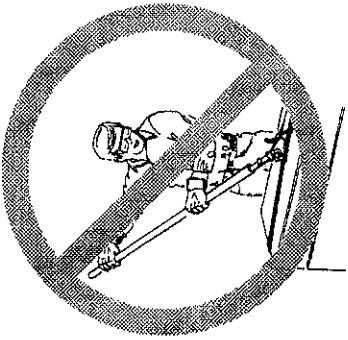
The strapping will rebound to the right - away from you. This will help prevent personal injury. Other people should remain at a safe distance.

* Refer to the strap cutter's Operation & Safety Manual for proper two-handed strap cutting procedures and safety instructions.



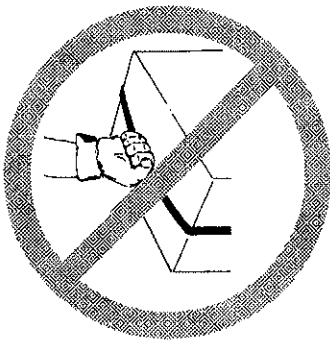
NEVER MODIFY ANY TOOL

Do not lengthen the handle of any tool with a pipe or other device. The extension may appear to be an advantage, but can make the tool unsafe.



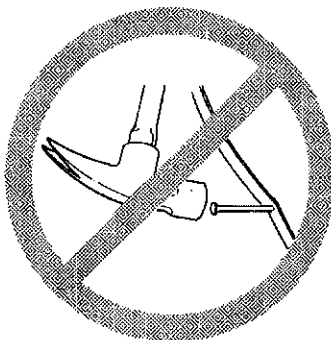
NEVER USE STRAPPING IMPROPERLY

Strapping is only used to secure a load. Never use strapping as a handle, lifting device or method of pulling a load or package.



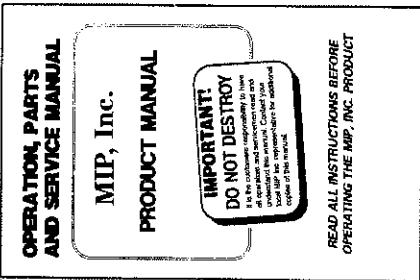
NEVER NAIL STRAPPING

Never drive nails or staples through strapping. A dangerous ricochet could occur or the strapping could be weakened. If the strapping must be nailed, use MIP, Inc. prepunched strapping.



READ THE MANUAL AND ALL SAFETY INSTRUCTIONS

Before operating the tool, read and understand all safety, operation and maintenance information provided in the tool's manual (packaged with the tool). If you do not have a manual, or need extra copies, contact your MIP, Inc. Sales Representative. Also, read and understand all safety information on the tool itself.



WEAR SAFETY GLASSES

Operators and bystanders must always wear safety glasses with side shields (safety glasses must conform to ANSI Standard Z-87.1 or EN 166).



WEAR GLOVES

Wear protective gloves when handling strapping.



WEAR SAFETY SHOES

Wear steel-reinforced safety shoes to help protect your feet from injury.

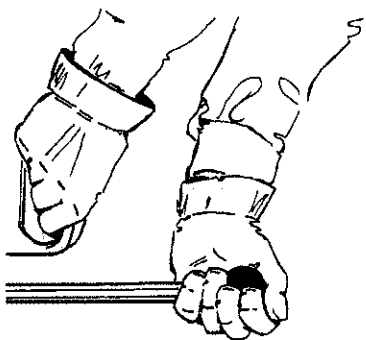


OPERATE TOOLS USING TRAINED PERSONNEL

Only trained personnel should operate MIP, Inc. hand tool products. The tool's manual provides safe operating and maintenance procedures. If you have any questions regarding training, contact your MIP, Inc. Sales Representative.

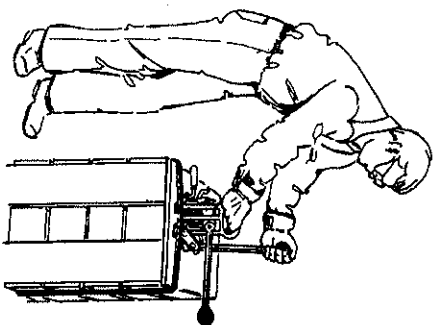
AVOID LOOSE CLOTHING & JEWELRY

Shirt sleeves must be buttoned or rolled up tightly and shirt tails tucked in to prevent them from being caught in the hand tool. Avoid wearing rings and other jewelry that could become caught in moving parts.



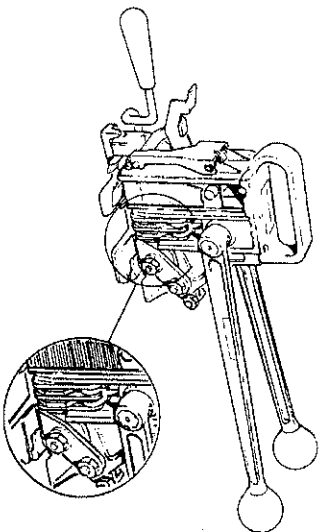
MAINTAIN PROPER POSITION

Establish proper footing, balance and position to prevent injury resulting from loss of balance.



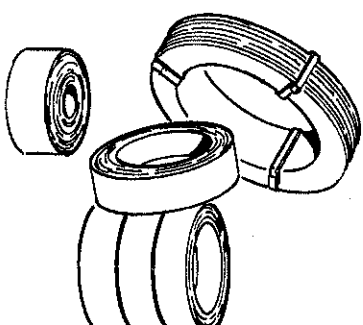
INSPECT THE TOOL DAILY

Inspect the hand tool for worn or broken parts on a daily basis. Do not operate the tool if you are uncertain about its condition.



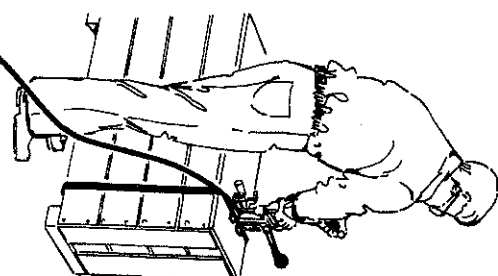
USE ONLY NEW STRAPPING

Use only new strapping to secure loads. While used strapping might look good, it may have been damaged during handling or removal. This could result in strap breakage. Never splice two lengths of strapping together.



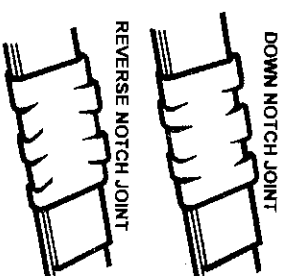
STAND TO ONE SIDE WHEN TENSIONING

Position yourself to one side while tensioning strapping. If the strap breaks, slips in the tool, or disengages, you won't be in the direct line of recoiling strap.



INSPECT THE JOINT

The most commonly used joints are down and reverse notch as shown *. If the joint does not appear as shown, remove the strapping, review the tool's operating instructions, and apply a new strap. If the joint is still improperly formed, inspect the tool for worn or damaged parts. Replace parts as needed. Never handle or ship a load with improperly formed joints - improperly formed joints may not secure a load and can cause serious injury.



* For information regarding other joint types (i.e., crimped, sealless, heat seal, etc.), contact your MIP, Inc. Sales Representative.

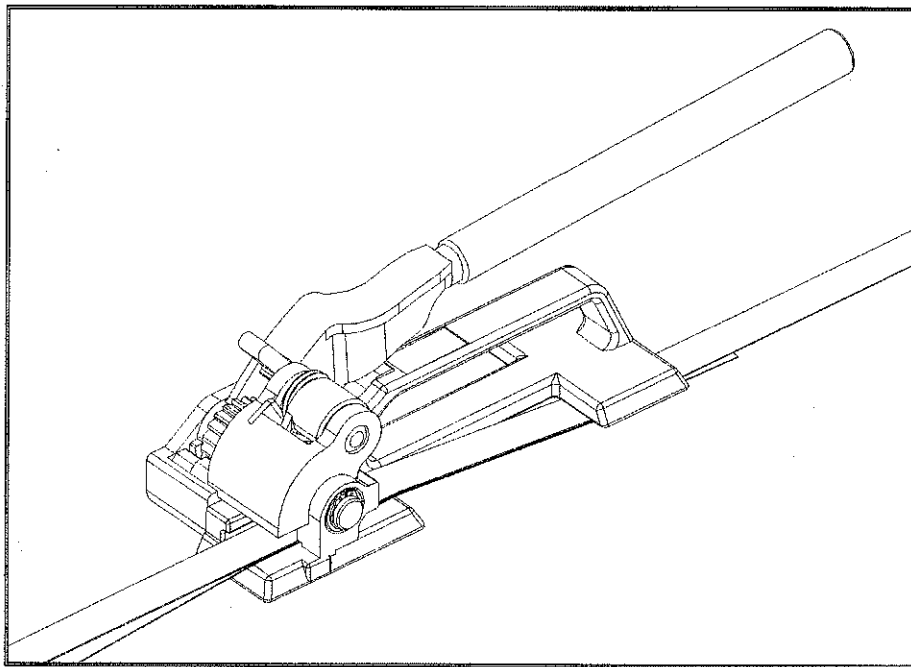
MIP-1300 OPERATING INSTRUCTIONS

OPERATING INSTRUCTIONS:

1. Pull the loose end of the strap all the way around the package and bring it under the other end of the strapping. Be sure to keep the strap snug about the package and squarely in line.
2. Holding the strap in place with the left hand, take the tool in the right hand and squeeze the handle (Key #1) down to the base (Key #3). Slide the tool under the strap such that strap passes between the feedwheel and clutch plug (Key #12 and #19). Be sure that the strap is up against the inner edge of the tool, that the back foot of the base is on top of the strap, and that the loose end of strap is still on the bottom and facing the back of the tool. (See illustration.)
3. With the edges of the strap aligned with the inside edge of the MIP-1300, tension the strapping by moving the handle back and forth.

WARNING: While tensioning, be sure NOT to bring the handle all the way back down to the base. Doing so will cause the feedwheel to rise and release the tensioned strap.

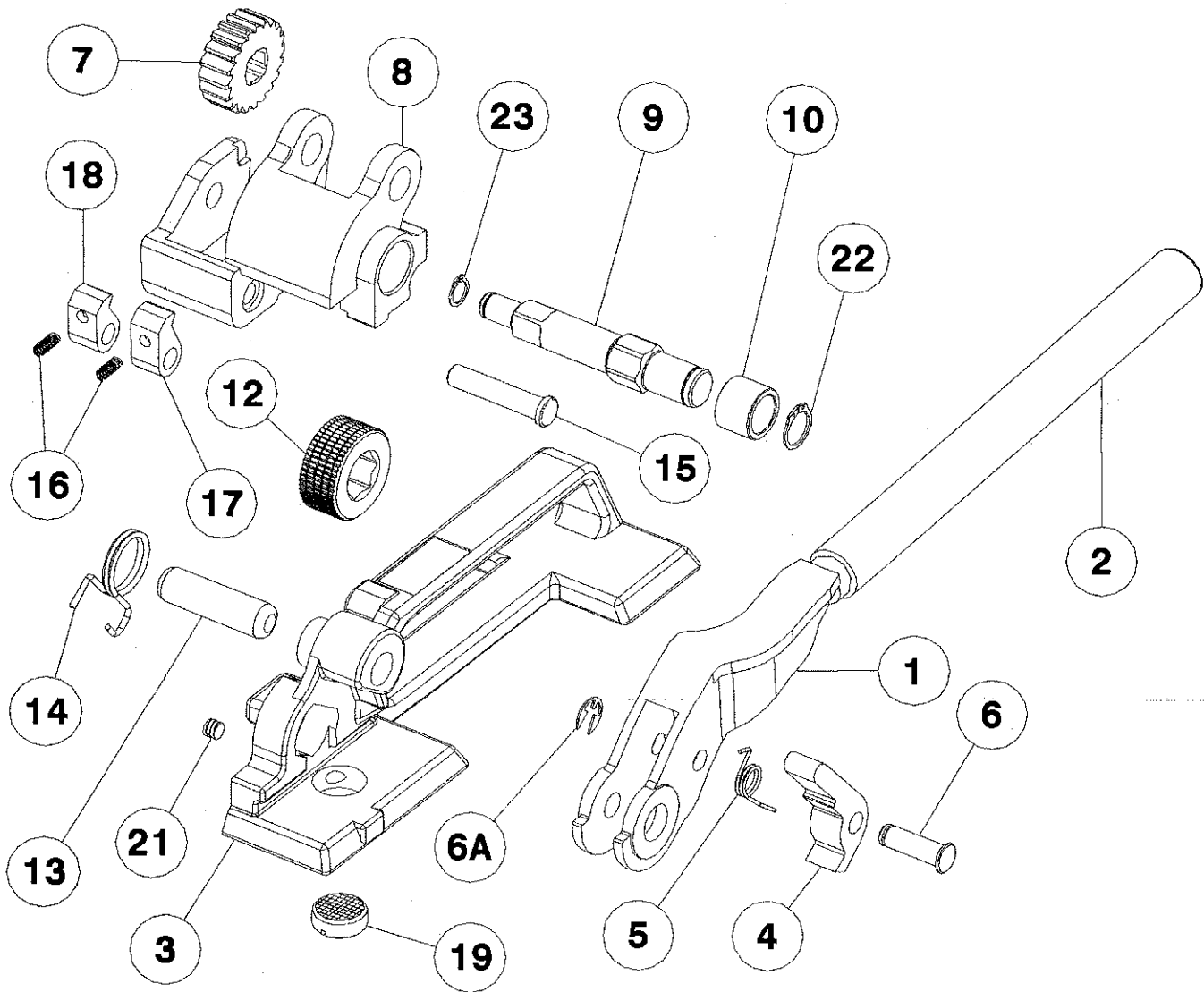
4. Snap a seal over both pieces of strapping directly in front of the tensioner and crimp with an appropriate steel strap sealer, according to sealer manufacturer's instructions.
5. With the seal securely in place, press the handle pawl (Key #4) with the right thumb, and use the right hand to squeeze the handle down the base, raising the feedwheel. In this position, remove the MIP-1300 by sliding the back foot out to the side, followed by the front.
6. Using approved strap cutters, cut the excess strap as close to the seal as possible.



SAFETY WARNINGS:

- Before operating the tool, review the enclosed MIP, Inc. General Hand Tools and Strapping Safety booklet. Only trained personnel should operate MIP, Inc. hand tools.
- Keep fingers away from areas that can pinch or cut. These areas are primarily located at the front of the tool.
- Dangerous breakage may occur due to excessive tensioning, possibly resulting in severe injury or death. Tension strap in moderation.
- Only use equipment recommended for the strap. The MIP-1300 is recommended only for 3/8" x .015 through 3/4" x .025 gauge steel strap.
- Review the instructions and safety material on a regular basis.
- **Warning:** Unsafe use may result in blindness, severe laceration, amputation, or death.

MIP - 1300 STEEL STRAP TENSIONER



KEY#	DESCRIPTION	QTY	PART#
1	Handle Assembly	1	M1300-1
2	Handle Grip	1	M1300-2
3	Base	1	M1300-3
4	Handle Pawl	1	M1300-4
5	Handle Pawl Spring	1	M1300-5
6	Crosshead Pin	1	M1300-6
6A	Retaining Ring	1	M1300-6A
7	Ratchet Gear	1	M1300-7
8	Support Frame	1	M1300-8
9	Shaft	1	M1300-9
10	Bushing	1	M1300-10

KEY#	DESCRIPTION	QTY	PART#
12	Feedwheel	1	M1300-12
13	Support Pin	1	M1300-13
14	Support Frame Spring	1	M1300-14
15	Retaining Pawl Pin	1	M1300-15
16	Pawl Spring	2	M1300-16
17	Long Pawl	1	M1300-17
18	Short Pawl	1	M1300-18
19	Clutch Plug	1	M1300-19
21	Clutch Plug Set Screw	1	M1300-21
22	Retaining Ring - Large	1	M1300-22
23	Retaining Ring - Small	1	M1300-23

**Reference part number when ordering.
Read all operating & safety instructions.**