

STANLEY-MARSH PICTURE FRAME TOOLS



THE STANLEY RULE & LEVEL PLANT
THE STANLEY WORKS
NEW BRITAIN, CONN.

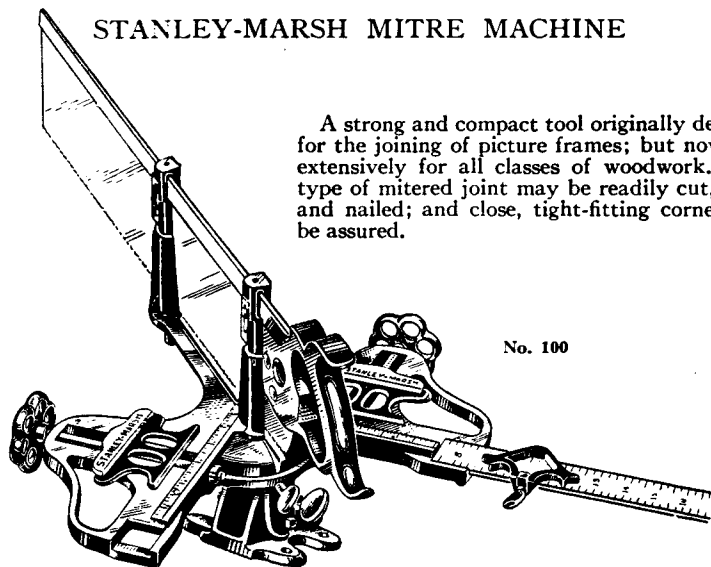
NEW YORK CHICAGO SAN FRANCISCO LOS ANGELES SEATTLE

Foreword

ON the following pages information is given regarding the Stanley-Marsh Picture Frame Tools such as the Mitre Machine, Mitre Sander, Mitre Cutter and the Mitre Vise which are used principally by Picture Frame Makers. All of these Tools are well made and are guaranteed.

STANLEY-MARSH MITRE MACHINE

A strong and compact tool originally designed for the joining of picture frames; but now used extensively for all classes of woodwork. Any type of mitered joint may be readily cut, glued and nailed; and close, tight-fitting corners can be assured.



No. 100

FIG. No. 1

Figure No. 1 illustrates the machine set up ready for use, showing low clamp, wood rule and gauge.

The low or auxiliary clamp is slipped over the regular clamp for use with certain types of mouldings that are not readily gripped by the latter.

Special clamps may be made for any odd shape or form and sketches and estimates of cost will be gladly furnished upon request.

The Marsh machine, commonly known as the **Two Guide** machine, has a guide on each side of the work, supporting the saw rigidly and preventing it from running.

The saw gauges, fastened on the posts, prevent the saw from cutting into the metal frame.

The saw is held above the work by detent springs, enabling the work to be adjusted without taking saw from machine.

Any moulding less than $4\frac{1}{2}$ inches in width can be sawed and any frame $7\frac{1}{2} \times 7\frac{1}{2}$ inches or larger can be clamped.

For clamping smaller frames use the Marsh Mitre Vise.

Every machine is tested before leaving the factory. With ordinary use and care it will last a lifetime.

The clamping edge of $7\frac{1}{2}$ inches insures accuracy in sawing large frames.

The saws furnished with the machine are made expressly for frame work and represent the highest type of modern saw manufacture. Each saw is fitted to its machine.

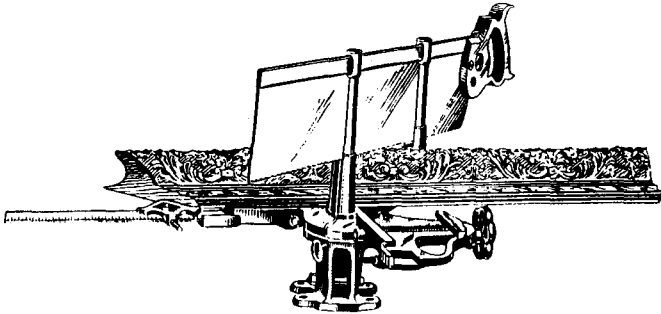


Fig. No. 2

Figure No. 2 shows the machine with high back moulding in place, sawing from the back.

High back moulding can be held rigid and is as easily sawed as simpler patterns.

The saw may be reversed and frames cut from either the back or front as the type of moulding may require.

The rule may be placed on either side of the machine, making it possible to cut the opposite sides of a frame to exactly the same length.

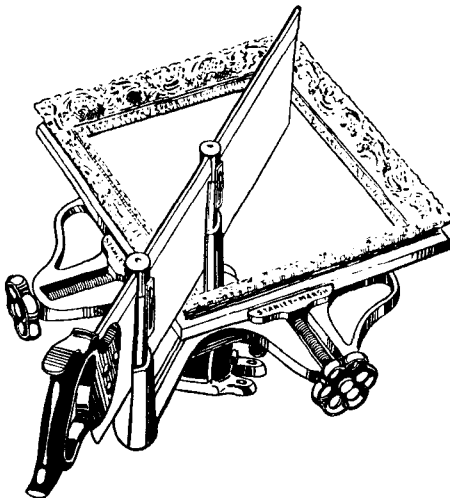


Fig. No. 3

Figure No. 3 shows frame in position for resawing last joint if it is not tight due to warped or twisted moulding.

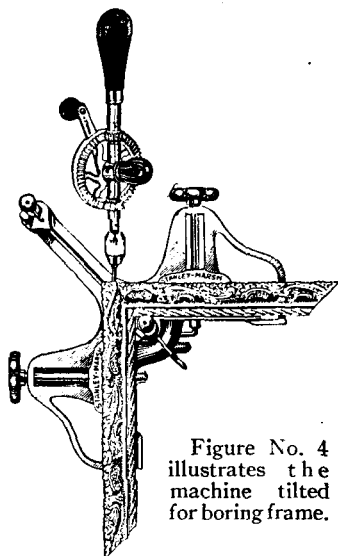


Figure No. 4 illustrates the machine tilted for boring frame.

Fig. No. 4

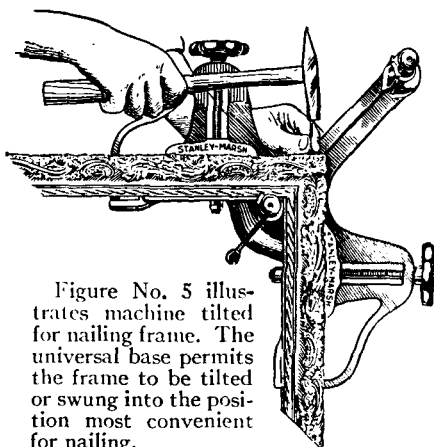


Figure No. 5 illustrates machine tilted for nailing frame. The universal base permits the frame to be tilted or swung into the position most convenient for nailing.

Fig. No. 5

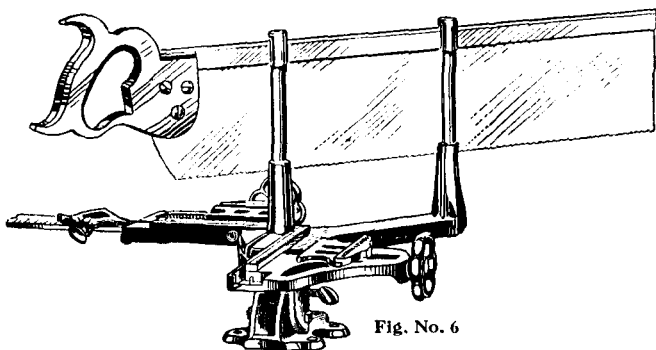


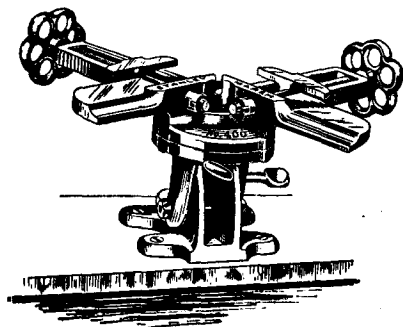
Fig. No. 6

Figure No. 6 illustrates saw held up by detents.

No.		Each
100	Mitre Machine with 26 x 4½-inch saw	\$19.00
	Saw only	5.50
	Net weight, 20 lbs.	



STANLEY-MARSH MITRE VISE



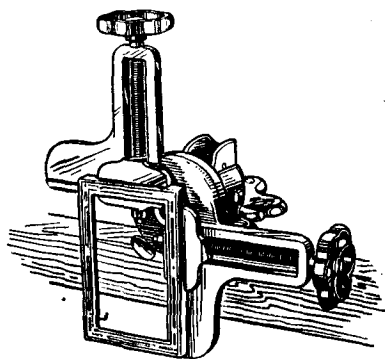
Vise fastened to table

It will clamp any type or width of moulding less than 4 inches wide and join any frame larger than $3\frac{1}{2} \times 3\frac{1}{2}$ inches. It has the universal base of the mitre machine.

Shipping weight 18 lbs.

No. 400

The Mitre Vise meets every requirement of a picture frame clamp for square corners. The jaws hold the two sides of the frame firmly in position for nailing. Provision is made for resawing the joint if it does not make up tight.



Vise tilted for nailing

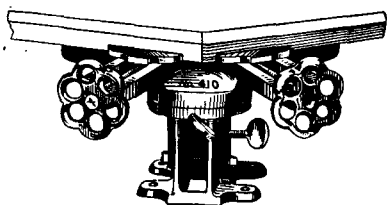
No.	Each
400 Miter Vise.....	\$7.00

STANLEY



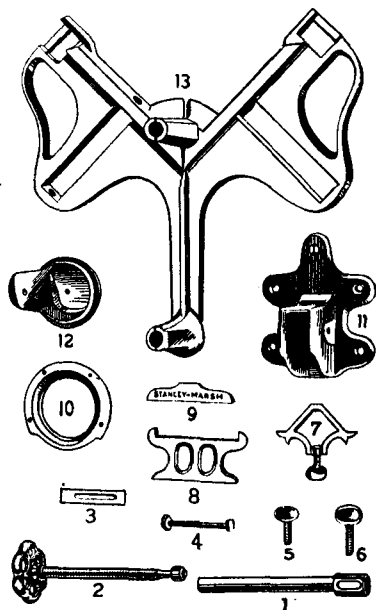
THE OCTAGON VISE

No. 410



It is arranged to join figures of eight sides. The angle of the cut for such figures is $67\frac{1}{2}^\circ$, and the total included angle of the joint is 135° . The vise holds the sides of a joint firmly in place for nailing. It has the same clamping arrangement and the universal base of the mitre vise. Provision is made for resawing the joint if it does not make up tight. It will take any moulding less than 4 inches wide and clamp any octagon frame whose sides are $3\frac{1}{2}$ inches or more. Shipping weight 18 lbs.

Octagon Vise No. 410..... Price \$7.00

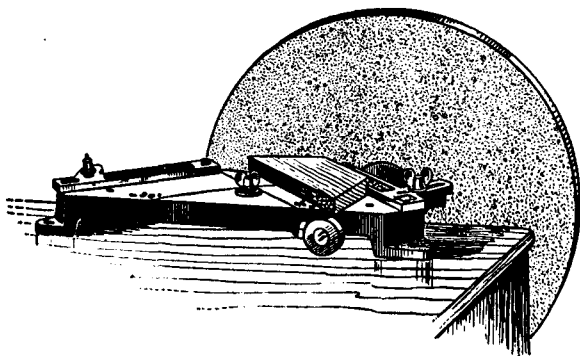
PARTS OF MITRE MACHINE
AND JOINING VISES

No.	Price	Weight
1 Saw guide.....	\$.90	1 lb.
2 Clamp screw.....	.90	2 lbs.
3 Saw gauge.....	.20	1 oz.
4 Hinge bolt.....	.20	1 oz.
5 Thumb screw—small.....	.20	1 oz.
6 Thumb screw—large.....	.20	1 oz.
7 Rule gauge.....	.45	4 oz.
8 Low clamp, per pair.....	.45	1 lb.
9 Threaded clamp.....	.35	1 lb.
10 Ring.....	1.10	2 lbs.
11 Base.....	.75	2 lbs.
12 Hinge.....	1.10	2 lbs.
13 Bed plate for No. 200.....	9.50	10 lbs.
13V Bed plate for No. 400.....	4.50	6 lbs.
13O Bed plate for No. 410.....	4.50	7 lbs.
Saw 26x4 $\frac{1}{2}$ " 12 pt.....	5.50	5 lbs.
Saw 26x4 $\frac{1}{2}$ " 14 pt.....	6.00	5 lbs.
Rule, wood.....	.65	1 lb.
Washers for clamp screw.....	.15	2 ozs.

In ordering repairs give Part Number and Machine in which used.



STANLEY-MARSH MITRE SANDER



No. 300

The Marsh Sander has a cast table, accurately machined on top, with gauges adjustable to any angle. The shaft carries an iron disc to the face of which is fastened a garnet paper abrasive.

The garnet paper cuts rapidly, and a few turns of the disc is sufficient for the worst cases. The disc is 18 inches in diameter, will take $4\frac{1}{2}$ inch moulding and is operated by a handle on the back. The gauges are arranged so that either the front or back edge of the moulding may be placed against them. All of the sanded edges come sharp and true, giving tight fitting joints and an ideal surface for glue.

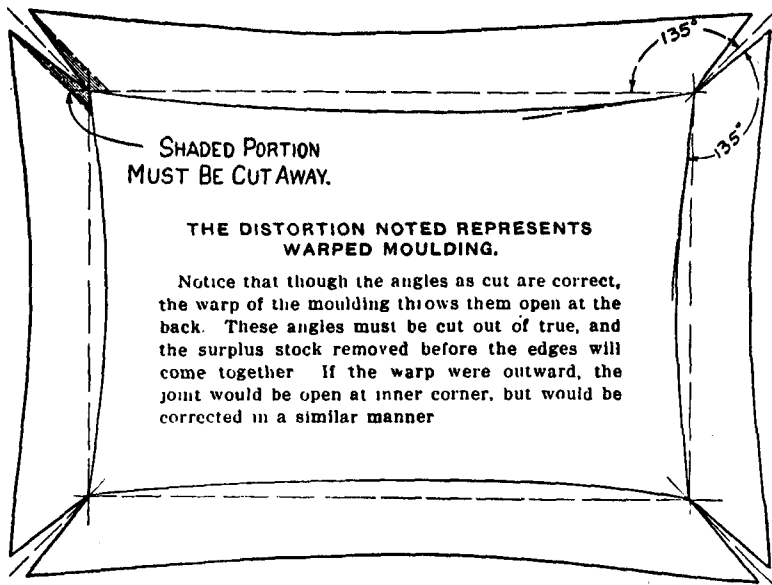
Every machine is absolutely guaranteed, and if you are not satisfied with yours after a ten day trial, tell us and your money will be refunded without question.

No.		Each
300	Mitre Sander, complete.....	\$19.00
	Shipping weight, 70 lbs.	
	Extra garnet discs, for No. 300 Mitre Sander.....	.50
	Weight, shipment by parcel post, 3 lbs.	



WHY AND WHEN A SANDER IS NECESSARY

An accurate mitre machine will make perfect joints only when the moulding is straight and true. Practically all moulding is warped, some so little that the sides of a frame may be sprung into place, others so much that the last joint is wide open. In the latter case, the angles must be cut out of true to bring them together, and this work may be done faster and better on a sander, before joining, than in any other way.



It must be remembered in using the sander with warped moulding, that if the gauges are set in their normal positions the sanded angle will be the same as if cut on a mitre machine and the joint will be open. The gauges must be set over so that the cut will be lightest at the open part of the joint, to produce the results shown above.

STANLEY-MARSH MITRE CUTTER

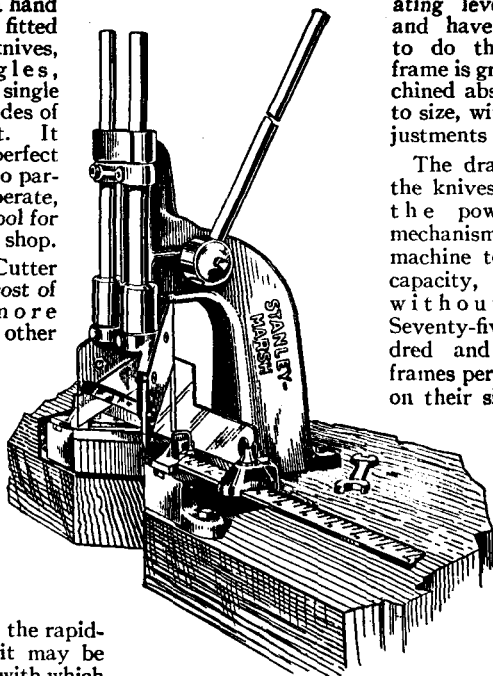
The Stanley-Marsh Mitre Cutter is a hand lever machine, fitted with a pair of knives, set at right angles, which cut at a single stroke the two sides of a mitered joint. It does rapid yet perfect work, requires no particular skill to operate, and is an ideal tool for the retail frame shop.

The No. 200 Cutter will reduce the cost of cutting frames more than half over other hand methods. The chopper type of machine, power driven, is used today in nearly all of the large frame factories yet this hand machine, because of the rapidity with which it may be set, and the ease with which operated is faster for short runs or assorted sizes than the large power models.

The Marsh Cutter takes moulding up to $2\frac{3}{4}$ "-3" in width and $2\frac{1}{2}$ " high. It is fitted with a steel scale, graduated to $\frac{1}{8}$ inches and mounted on a slide to accommodate different widths of moulding. The gauge or stop is set on the scale, in cutting, to the glass size of the frame, and the pieces cut without further measurement.

The knives are of the best tool steel, hardened and accurately ground. The

No. 200



cutter head, gears and operating lever are of steel, and have ample strength to do their work. The frame is gray cast iron, machined absolutely true and to size, without gibs or adjustments of any kind.

The draw cut action of the knives, combined with the powerful operating mechanism, enables the machine to cut to its full capacity, in hard wood without unusual effort. Seventy-five to one hundred and fifty complete frames per hour, depending on their size, may be cut, making it particularly effective for the popular sized post card and cabinet photo frames.

An adjustable support on each side of the mitre prevents the

rabbit edge of the moulding from being split or chipped while the cut is being made. The supports are adjustable to any standard rabbit and to any width of moulding within the capacity of the machine. These supports are of a new and improved type.

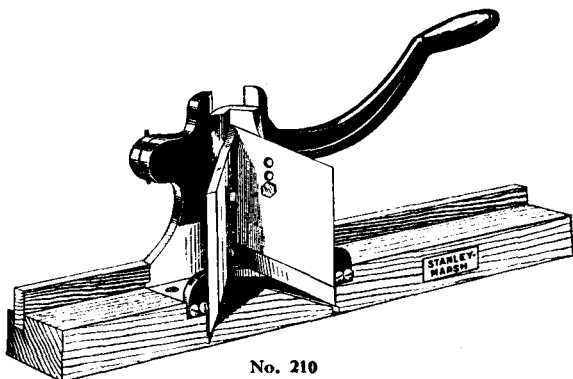
Net price, complete.....	\$45.00
Weight, crated.....	75 lbs.
Extra knives, per pair.....	\$6.00
Weight, per pair, packed for shipment.....	2 lbs.

STANLEY



STANLEY-MARSH MITRE CUTTER

SMALL SIZE



No. 210

The No. 210 Mitre Cutter is a hand lever machine designed for the rapid mitering of small wood mouldings, beadings and strips of various types. It is practical and substantial and will handle work within its range in an accurate and efficient manner.

The **Base** and **Head** are gray iron castings. The sliding ways between these two pieces are hand scraped to a fit that moves freely but without play.

The **Knives** are very heavy and are of the hard back or laid type. They are $\frac{5}{8}$ inch thick, $4\frac{1}{2}$ inches high and 4 inches wide. An adjustment is provided to compensate for the shortening of the knives in sharpening.

The **Sub Base** is thoroughly seasoned hard wood. It is 24 inches long, allowing ample surface and backing for accurately handling long stock. It can be fastened directly to the bench, and does not require that a clearance for the knives and chips be cut in the bench top.

The capacity of the machine is dependent on the shape to be cut and the material. The opening under the knives, when the head is fully raised, is triangular in shape, is 2 inches high and $2\frac{3}{8}$ inches wide.

The machine has a wide use for cabinet and furniture work, automobile body work, sash and door work, window screens and screen doors and a multitude of similar lines. Every tool is accurate and carries the regular Stanley guarantee for workmanship and material.

Weight, crated for shipment, 25 lbs.

No.		Each
210	Mitre Cutter	\$25.00
	Extra Knives per pair	9.50

