

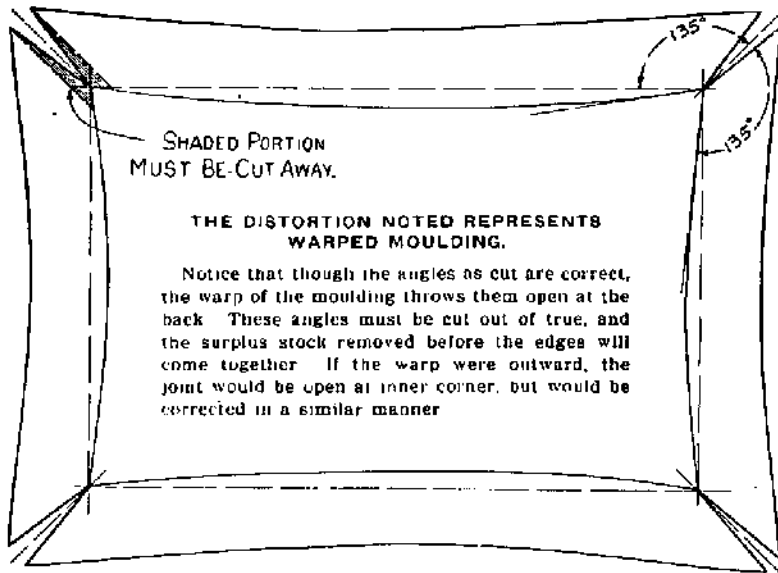
**STANLEY
PICTURE FRAME
TOOLS**



THE TOOL BOX OF THE WORLD

STANLEY TOOLS

600 MYRTLE STREET
NEW BRITAIN, CONNECTICUT 06050



How to Cut Warped Moulding

A mitre machine will cut perfect joints only on moulding that is straight and true. Practically all moulding is warped, some so little that the sides of the 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.

In the case of the No. 100 Mitre Machine however, the clamping jaws will straighten most mouldings and produce a good joint.

STANLEY MITRE MACHINE No. 100MM

A strong and compact machine originally designed for the joining of picture frames; but now used extensively for all classes of woodwork. Any 45° mitered joint may be readily cut, glued and nailed and close, tight-fitting corners can be assured.

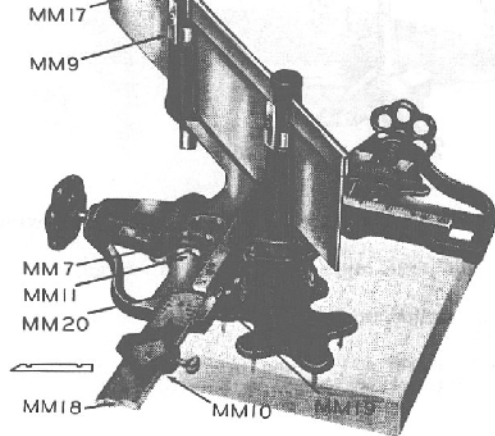


Fig. No. 1

Figure No. 1 illustrates the machine set up ready for use, showing low clamp MM11, wood rule MM18 and rule gauge MM10.

The mitre machine, commonly known as the Two Guide machine, has a guide MM17 on each side of the work, supporting the saw rigidly and preventing it from running.

The stationary jaws MM19 are graduated in inches so that small frames can be measured.

Any moulding less than 4 inches in width can be sawed and any frame 7½ x 7½ inches or larger can be clamped.

A 14 pt. saw made expressly for frame work is furnished. Each saw is fitted to its machine.

The clamping edge of 7½ inches insures accuracy in sawing large frames.

The low or auxiliary clamp MM11 is slipped over the regular clamp MM7 for use with certain types of mouldings that are not readily gripped by the latter.

The saw gauges MM9, fastened on the saw guides, prevent the saw from cutting into the metal frame.

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

Mouldings with rabbets as shallow as ⅜ inches in height can be cut on this machine by removing the spacer or filling strip MM20 placed underneath the graduated stationary jaw MM19. When replacing spacer make sure it does not project beyond edge of the stationary jaw.

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

STANLEY MITRE MACHINE

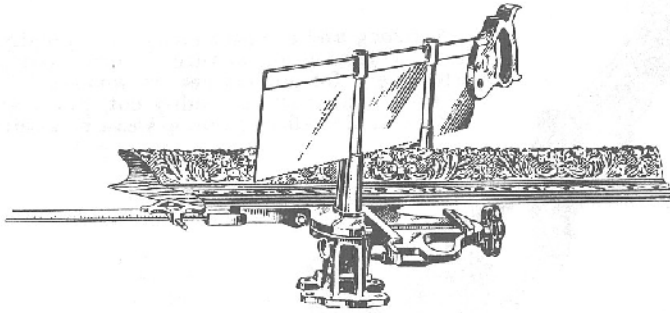


Fig. No. 2

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.

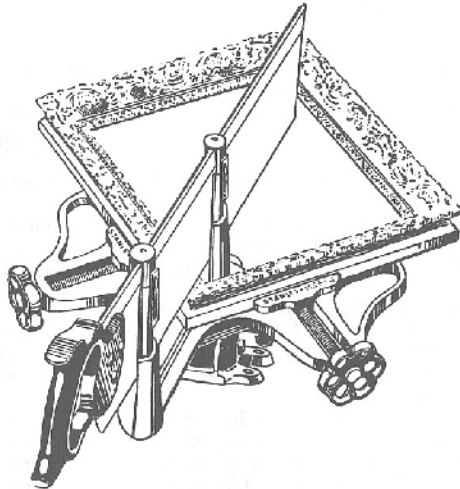


Fig. No. 3

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

STANLEY MITRE MACHINE

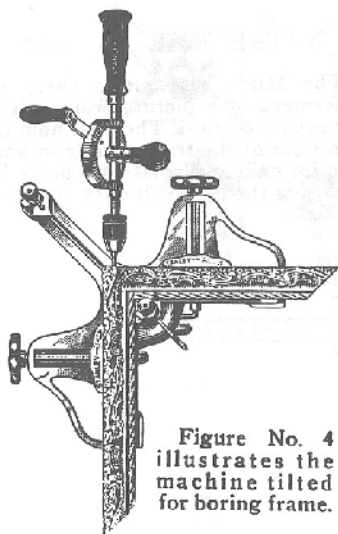


Fig. No. 4

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

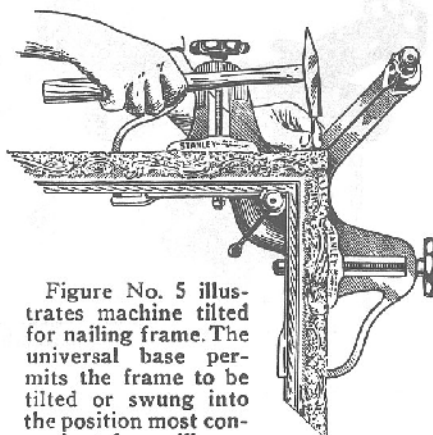


Fig. No. 5

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.

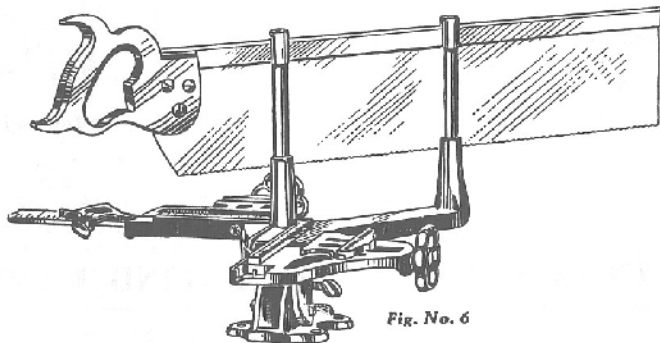
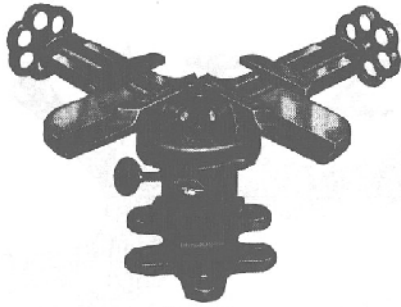


Fig. No. 6

Figure No. 6 illustrates saw held up by detents.

No. 100MM Mitre Machine with 24 x 4-inch saw, net weight, 20 lbs.

STANLEY JOINING VISE



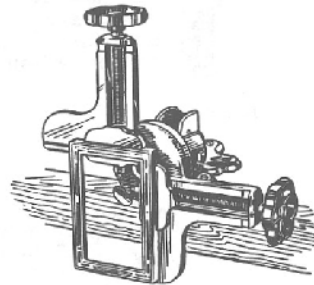
No. 400

MITRE VISE 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.

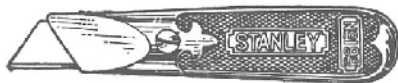
It will clamp any type or width of moulding less than 4 inches wide and join any frame larger than $3\frac{1}{2} \times 3\frac{1}{2}$ inches. It has the universal base of the mitre machine.

Shipping weight 18 lbs.



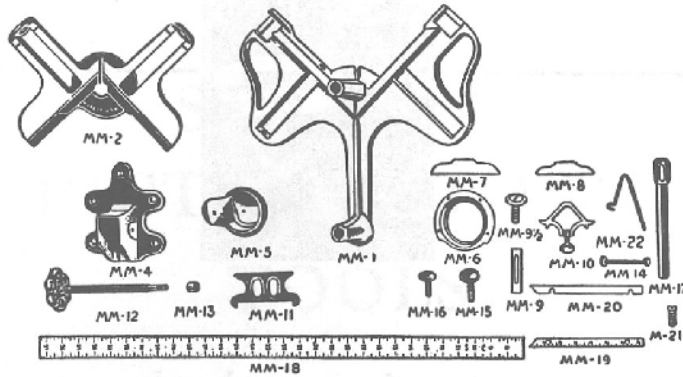
Vise tilted for nailing

A UTILITY KNIFE YOU'LL FIND HANDY



No. 199 KNIFE A razor-edge tool for cutting and trimming matrix, cardboard, leather and other material that requires a tool of razor edge keenness. Five blades and protective blade guard are held in the handle. Tool is cast aluminum.

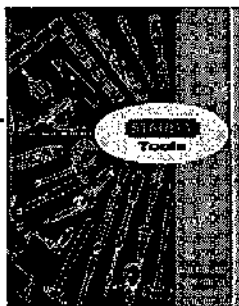
PARTS FOR MITRE MACHINE AND VISE



Name of Part	For No. 100MM Mach.		For No. 400 Vise	
	Part No.	Price	Part No.	Price
Bed Plate	MM1	\$47.80	MM2	\$19.00
Base	MM4	6.40	MM4	6.40
Hinge	MM5	9.60	MM5	9.60
Ring	MM6	5.40	MM6	4.80
Threaded Clamp	MM7	2.20	MM8	1.60
Saw Gauge	MM9	.70	_____	_____
Saw Gauge Screw and Washer	MM9 1/2	.30	_____	_____
Rule Gauge and Screw	MM10	2.20	_____	_____
Low Clamp (Per Pair)	MM11	1.40	_____	_____
Clamp Screw	MM12	3.90	MM12	3.90
Collar for Clamp Screw	MM13	1.10	MM13	1.10
Hinge Screw and Nut	MM14	.70	MM14	.70
Hinge Thumb Screw (Large)	MM15	1.40	MM15	1.40
Ring Thumb Screw (Small)	MM16	.70	MM16	.70
Saw Guide (Front or Back)	MM17	12.80	_____	_____
Rule, Wood	MM18	5.40	_____	_____
R.&L. Hand Stationary Jaws (Ea.)	MM19	3.20	_____	_____
Stationary Jaw Spacer	MM20	.60	_____	_____
Stationary Jaw Screw	MM21	.30	_____	_____
Detent Spring	MM22	.60	_____	_____
Roll Studs complete with Bearing	MM23	.90	_____	_____

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

Prices effective for 1975 – Subject to change.



*A reference book
for all tool users—*

STANLEY TOOL CATALOG No. 34

This catalog illustrates and describes the complete line of Stanley Tools. In addition it contains tables of measure, weights, surface and capacity; information on brickwork, flooring and siding, etc. If you haven't a copy, let us know so that we can send you one.