

# MITER-TRIMMER

For Perfect  
Miter Cuts

Designed for mitering, beveling and squaring ends of wood trim and molding, eliminated planing or sanding to fit.

Why is the Miter-Trimmer so fast and accurate? Unlike the miter box saw which leaves a rough surface, the Miter-Trimmer cuts with razor-sharp knives to shear off the wood for a glass smooth finish cut.

The two gauges, left and right, can be adjusted and locked instantly to any angle from 45° to 90°, and enable you to take up to 4" stock when mitering and 6" when squaring ends.

Ideal for the trim carpenter, furniture and cabinet maker, picture framer or serious wood craftsmen, this tool can increase skill and greatly reduce the time and cost required to produce quality workmanship.

The Miter-Trimmer is made of machined cast iron to maintain its accuracy and durability for a lifetime. The shearing knives are of rugged, heat treated tool steel and can be easily detached for your honing.

All cuts on the Trimmer must be made at or near the end of mouldings. Cut-off can be sawed at 45°, slightly over-length.

Or softwood moulding and trim can be sawed off square, rough mitered with a chop cut (A) and trimmed with one or two thin shaving slices (B). This, as shown here, takes 4 or 5 seconds.



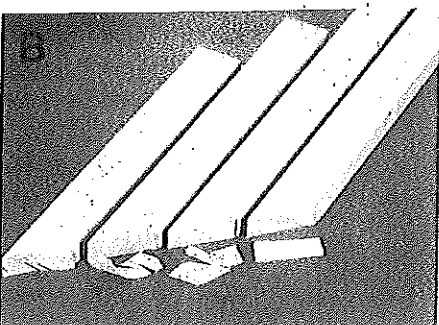
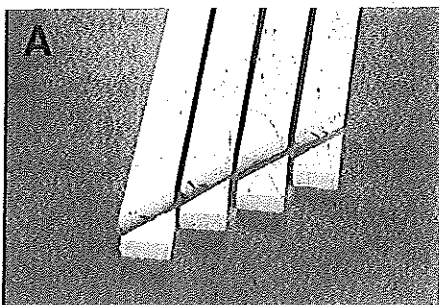
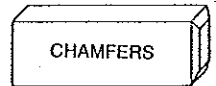
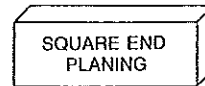
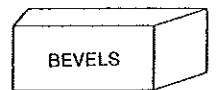
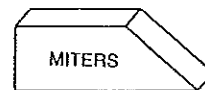
**CAUTION**  
ALWAYS BE CAREFUL OF  
THE RAZOR SHARP KNIVES

Hardwoods must be sawed at approximately 45°, then trimmed. The harder the wood, the thinner the trim cut, but the result is always a perfect miter. In off-square joinery, paper thin corrective cuts are made quickly and easily.

Positive pin stops are located at 45° and 90°. Any angle in between can be instantly set with thumb screws.

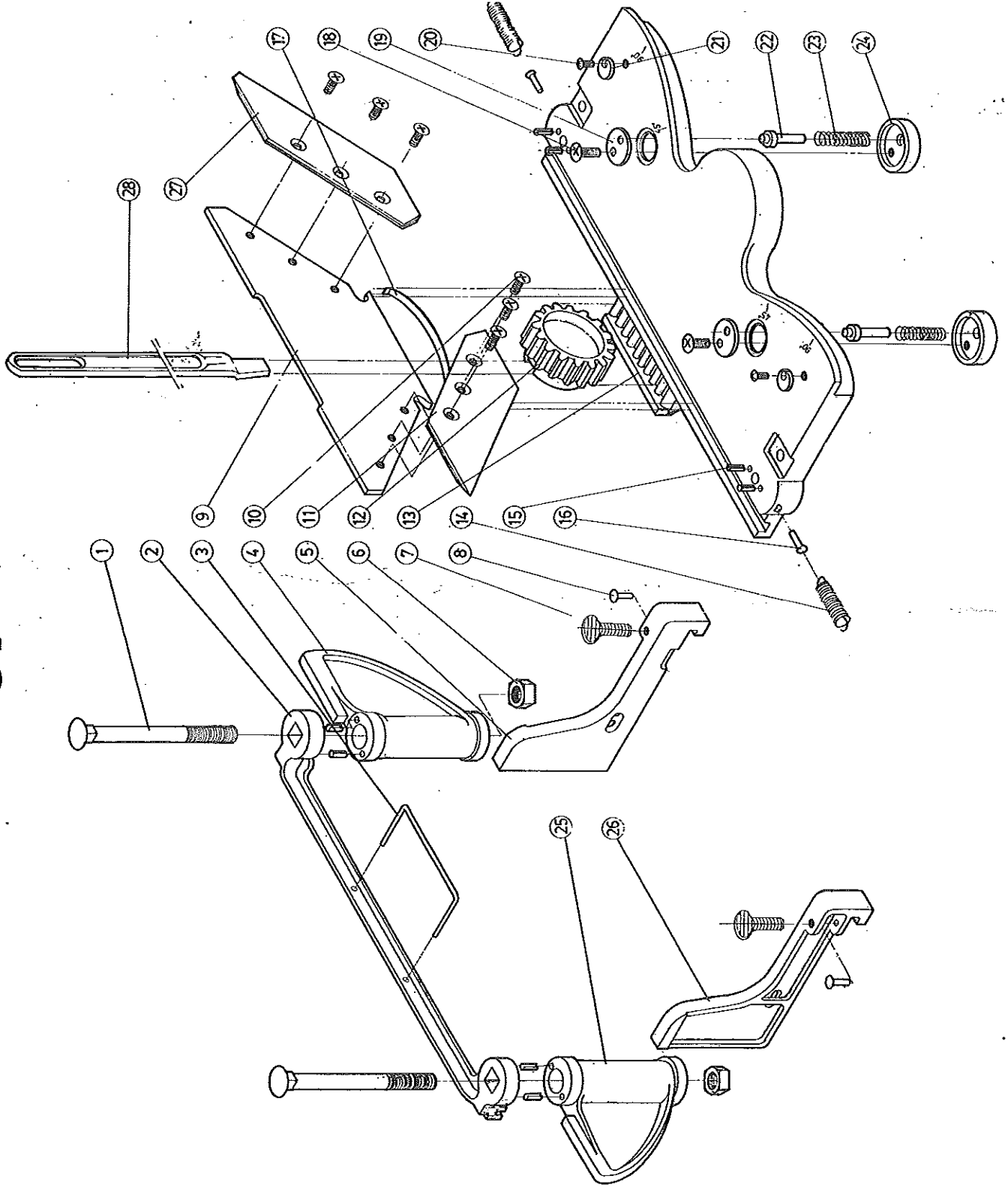
Here are shown the many cuts and the versatility of this unique tool—all cuts leaving a smooth surface for gluing.

- Perfect squaring cuts, up to 1" x 6"
- Vertical cuts to 4"—baseboards and stops.



# Miter Trimmer

PARTS NO.	DESCRIPTION	Q'TY
01	BOLT	2
02	BRACKET	1
03	HANDLE	1
04	BLADE GUARD, RIGHT	1
05	MITER PLATE, RIGHT	1
06	HEX. NUT	2
07	THUMB HEAD SCREW	2
08	REVIT	2
09	BLADE BRACKET	1
10	SCREW	6
11	BLADE, LEFT	1
12	GEAR	1
13	BASE	1
14	SPRING	2
15	PIN	8
16	RIVET	2
17	SPRING	1
18	SCREW	2
19	FIXING PLATE	2
20	SCREW	2
21	FIXING PLATE	2
22	FIXING BAR	2
23	SPRING	2
24	FIXING BASE PLATE	2
25	BLADE GUARD, LEFT	1
26	MITER PLATE, LEFT	1
27	BLADE, RIGHT	1
28	CUTTING HANDLE	1



# PICTURE FRAME MEASURING ATTACHMENT

for the MITER TRIMMER

## INSTRUCTIONS TO ASSEMBLE AND USE

With 4 round head 3/4" wood screws, assemble the left and right aluminum angle Brackets to the ends of the Bench (as shown below) with the wooden spacers between Brackets and Bench.

Position the brackets on the Trimmer Base as shown below. Attach by putting 1/4"-20X5/8" round head screws through the holes in the brackets and into the tapped holes in the base of the Trimmer which are just outside the brass which hold the gauges at the 90° position

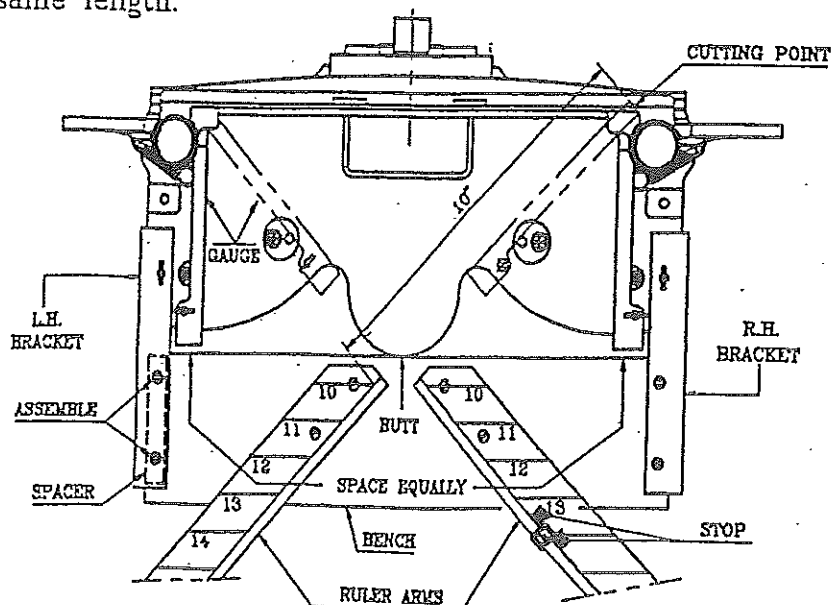
Change and lock both Gauges in 45° position and place Trimmer so its Bench overhangs your work bench. Assemble Ruler Arms to Bench with four (4) 7/8" flat head bolts, nuts and large flat washers (finger tight). With a yardstick, align the inside edge of left Ruler Arm with the face of the right Gauge; push Ruler in or out so that the inner end of its 10" line is exactly 10" out from the rear corner of the Gauge (cutting point). Recheck both alignment and 10" distance and tighten the 2 bolts firmly. Repeat for right Ruler Arm.

The stop will slide over either Ruler Arm, and is set by tightening the screw knob.

Note that moulding must be rough cut, a bit oversize with any miter box or power saw of any kind.

1. For a pair of duplicate moulding sizes, determine the rabbet length from the picture and on your usual clearance.
2. Add about 3/32" to this, and rough miter the two pieces by saw. Hardness moulding size will determine this addition as you will see in Step 4.
3. Shave 1 or 2 thin slices off one end of each piece till you have a glass smooth miter. Do this on one side of the trimmer (left or right).
4. Set a Stop on the opposite ruler arm for the rabbet length (Step 1) and make your measured trim-cut in a single slice on the second end of each of the pair.

In this way, any number of mouldings can be precision mitered to the exact same length.



Enclosed is a small frame extension rule to be taped to the Trimmer bed for cuts down to 3".

# TOP-TRIM ATTACHMENT FOR MITER TRIMMER

## SET UP

Attach the 4"X2" side brace flat against the apex of the main triangle with round head bolt and nut there now tighten with long end of brace up.

Set both gauges of the Miter Trimmer at right angles and tighten wing bolts firmly.

This trim attachment works on either side of the Trimmer.

Slide the Trimmer's knife to the left and place the flat side of the attachment's triangle against the inside of the left gauge, with it's end against the knife. Place the "L" clamping bolt over the top of the gauge and angle it 45 degree down and away from you ; then tighten the wing bolt on the right or under side of the triangle . Make sure end of the attachment is not interfering with the blade as it slides by.

With frame stock rough mitered about 1/8" over.size with hand or power saw, and with rabbet up and toward outside (left) , hold the back of the moulding firmly against the gauge and make necessary trim slice.

Repeat this first end on as many mouldings as you are going to trim.

For the second end (measured) trim, slide knife to the right, remove the attachment from the left gauge and assemble to right gauge , making sure gauge thumb screw is tight and the knife just slides by the attachment's end without interference. Repeat the trimming operation with rabbet up andout (to right) until you get your correct length.

This attachment for the Miter Trimmer makes it easier and less frustrating to make perfect miters on hollow, round or outside edge moulding.