

# OPERATING MANUAL



SEAL  
JUMBO 150  
COMMERCIAL 200    MASTERPIECE 350  
(Illustrated)

DRY MOUNTING/LAMINATING PRESSES



Patent Numbers U.S.A. 2,644,151 and 2,643,699  
Canadian 512,779 and 512,780

1. Your Seal Dry Mounting Press is equipped with an accurate adjustable thermostatic temperature control. For general dry mounting the ideal temperature is 225°F (107°C). For colored prints or delicate materials use a slightly lower temperature; for heavy weight papers a higher temperature and longer time cycle is necessary depending on the thickness of paper and mount board. See your Instruction Booklet for other recommendations.

2. Plug the cord into a standard 115 Volt A.C. 3 way outlet, set the adjusting knob at the desired setting, and turn on the toggle switch.

3. The green pilot light will remain on until the press is at the set operating temperature. Approximately eleven minutes are required to heat-up a cold press to 225°F (107°C). When the green light goes off, the press is ready for use. It will reactivate as heat is being drawn to maintain temperature.

4. When the press is locked for operating, the red light will flash approximately once per second. A few seconds are required to activate the timing mechanism. Refer to your dry mounting tissue instructions for time and temperature cycle required for various materials.

5. Your Seal press is factory adjusted for standard weight mounts. The resiliency of the sponge rubber pad compensates for minor variations in thickness of material to be mounted and laminated. It also acts as a cushion to allow uniform pressure on the entire mounting area. To adjust the press for heavier thicknesses such as album or plywood mounts, loosen the four hex bolts that hold the heating unit to the two arms. Turn the adjusting bolt under each arm clockwise. For thin mounts, turn the adjusting bolt counter-clockwise. If additional front pressure is necessary, loosen the two front bolts and correspondingly tighten the rear bolts. Reverse this procedure if additional pressure is required at the rear. Always make certain the four hex bolts which secure the heating unit on the two arms are snug.

6. Your dealer can supply you with a Sealector Tacking Iron (115V AC) at modest cost. In tacking, use tip of iron. To disconnect, remove from outlet.

7. To replace the thermostat, disconnect the press, loosen the set screw in the thermostat knob, and lift the knob off the thermostat stem. Loosen the four screws and remove the cover plate. Disconnect the lead wires from the thermostat. Take out the thermostat by removing the two mounting screws. Follow this procedure in reverse order to install new thermostat. After installing thermostat, turn the stem clockwise as far as it will go and replace the spring. It is important that the stem remain in this position when the knob is being replaced. Hold the knob over the stem so that the tip of the knob will be positioned at the highest temperature setting and set the knob on the stem. Tighten the set screw.

8. Bulbs for the timer and temperature lights may be replaced by following the procedure outlined above. Replacement 55 milliamp bulbs, part number MP-31, are available at modest cost.

9. The Masterpiece 350 and Commercial 200 models in 115V AC have heating elements connected in parallel; all other Seal presses are manufactured with a single element. If replacement becomes necessary and repairs are made locally, as an initial step follow the procedure outlined in paragraph 7.

10. Keep your Seal press covered when it is not being used. Oilite bushings are used in key pivot positions but an occasional few drops of oil on other movable parts will avoid excessive wear.

11. Seal Dry Mounting presses are guaranteed for one year against manufacturing defects. Inoperative parts under this guarantee will be replaced free of charge during the period. Fill out and return your Guarantee Registration card to the factory.

12. If your press requires repair after the warranty period has expired and local repair facilities are not available in your area, replacement parts or repair service may be obtained from Seal, Incorporated, Service Headquarters, Derby, Connecticut. Presses should be shipped prepaid, securely boxed, and a covering letter should be mailed. When ordering parts only, please specify model number for proper identification. Repair cost estimates will be furnished upon request before proceeding.

## HELPFUL HINTS

Your Seal Press can be used for many purposes. In addition to dry mounting, you can use it for laminating pliable and stiff materials, for cloth backing and in making transparencies. Ask your dealer for particulars.

If your press does not exert sufficient pressure for mounting thin materials and you do not want to adjust the pressure control screws, place the 1/4" masonite board beneath the felt covered sponge rubber pad. Remove board when you return to mounting heavier materials.

If the material that you are going to mount is larger than the platen on your press, you should start mounting at the center and work out to the ends. Do not tack large size prints to the mount board prior to inserting in the press. Since most materials expand when heated, wrinkles might develop if the print is not free to expand. Always make certain that you use a heavy cover sheet of paper, kraft wrapping paper or Seal Release paper and have it extend out beyond the edges of the platen so that no ridge marks will appear on the print.

The automatic red flasher light is actuated by a very sensitive electric fuse. When the voltage in your line fluctuates you will find that the light might flash a little faster or slower than normal. Your actual experience will indicate the desired number of flashes required for the material you are mounting.

To remove adhesive deposits from press platens, we recommend Seal Platen Cleaner. Softening the deposit by heating the press to 180°F is helpful but since solvents are flammable remove the plug from the electrical outlet before applying the cleaner. Stubborn deposits may require the use of a fine grade emery cloth and care should be taken to avoid marring the platen.

To obtain the most satisfactory results with your Seal Dry Mounting/Laminating Press you should use Seal Dry Mounting Tissues, Chartex Dry Backing Cloth, and Seal-Lamin Laminating Film. Sample packages of these materials were included with your press when it was shipped from the factory. Additional samples are available through your dealer or direct.



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PRINTED  
IN  
U.S.A.

FN 22-1/73

To adjust the pressure, loosen the two (2) screws on each side of the top of the press. (two screws holding down bracket on Cross Bar)

You have to get at the screw under the bracket.

Tighten the screw to loosen pressure, loosen screw to tighten pressure.

Only available parts for these models:

- MPM80 - thermostat
- 14322KIT - Sponge Pad

### OPERATING MANUAL

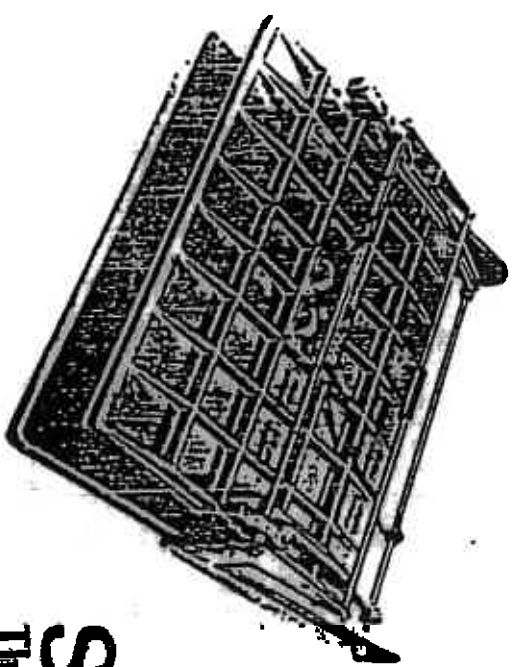
**JUMBO 120**

**JUMBO 150**

**COMMERCIAL 200**

**MASTERPAGE 350**

### DRY MOUNTING / LAMINATING PRESSES



**Seal**  
The  
Mounting  
Force.

## IMPORTANT SAFEGUARDS

### PLEASE READ THESE SAFETY INSTRUCTIONS PRIOR TO USING YOUR NEW PRESS

- Place your dry mounting press in a clean work area that is accessible from three sides. The press should not be located in the direct path of air conditioning units or room cooling fans.
- Keep the press closed when not in use.
- Proper maintenance of the press is essential and relatively easy. The press platen and sponge pad should be kept clean and free of adhesive residue.
- Turn the press off when not in use. Do not leave the press on overnight or while cleaning or replacing parts.
- Metallic objects such as paper clips and cutting knives should be kept away from the press and the immediate work area.

### OPERATING INSTRUCTIONS

1. Before using the press, locate all function controls.
2. Plug the cord into a standard 115 Volt ac, three-way outlet.
3. Materials to be mounted and/or laminated should be assembled outside of the press in a clean work area and placed in the press per instructions.
4. For general mounting, the thermostat should be set between 250 and 225 degrees Fahrenheit and for lamination between 240 and 275 degrees Fahrenheit. Refer to specific instructions for the adhesive or laminate being used for exact temperature settings.
5. When mounting on heat-sensitive color prints or delicate materials, a slightly lower temperature should be used. For heavier or thicker materials, the temperature should be set slightly higher.
6. The press will reach operating temperature in approximately 10-15 minutes after being turned on. A green light will remain illuminated until the press reaches the

appropriate temperature. When the light goes out, the press is ready for use.

7. When the press is closed and operating, the red light will blink once each second. Again, refer to the specific instructions for the mounting or laminating material being used.

### THERMOSTAT REPLACEMENT

1. Unplug the press. Loosen the set screw located in the thermostat knob, and lift the knob off.
2. Loosen the four screws in the cover plate and lift the cover plate off the top of the press.
3. Locate the lead wires to the thermostat and disconnect them from the thermostat. Remove the two thermostat mounting screws and lift the thermostat out.
4. Install the replacement thermostat following the same procedure in reverse.

### CLEANING

- Platen. The platen should be kept free of adhesive residue at all times. Cleaning can be accomplished with a soft cloth or plastic scouring pad and Seal Platen Cleaner.
  - Sponge Pad. The Sponge pad can be kept clean by using a soft cloth and Seal Platen Cleaner or UnSeal.
  - The sponge pad should be checked periodically for uniform resiliency. If the pad shows any areas of soft or "dead" spots it should be replaced. Uniform pressure is essential to quality results.
  - Repairs. Seal maintains a network of authorized repair centers and information can be obtained from our office. If there is no repair center in your area, parts and repair service may be ordered directly from Seal. Please call our office for any information or assistance you may require.
- When ordering parts by mail, please be sure to include all of the following information on your order:

- \* part description
- \* model number of the press
- \* model name of the press
- \* serial number of the press