

HOOVER AUTOMATIC MULLER MODEL M-5

INSTRUCTIONS FOR OPERATION

TO OPERATE:

1. Plug machine into proper power source.
2. Operating level (#9) should be in the down position.
3. Lift back upper plate, first depressing locking bracket (#14). Rest against upright metal rod.
4. Mix dry pigment and vehicle to form paste, spreading over lower plate. Quantities up to five grams can be mulled, depending on bulking and oil absorption.
5. Swing upper plate down into position, being sure that catch (#14) is securely locked. **DO NOT RUN PLATES DRY.**
6. Raise lower lever (#9) until spring bolt seats into hole provided in upright standard. This lifting will require some effort according to weights being used. Two slotted weights are provided, each being equal to 50 pounds when placed on to the permanent 50 pound weight. Hence, pressure may be 50 – 100 – 150 pounds as required by test procedures. The recommended pressure is the 50 pound permanent weight.
7. Push “**START**” button located on top of counter box. Machine will stop at the end of its prescribed run. Emergency “**STOP**” button is located in the same area.
8. When machine has stopped, release spring bolt (#23) and push down lever (#9), thereby breaking the suction between plates and allowing weights to rest on base.
9. Again, raise the upper plates as described in Step 3. With spatula, thoroughly scrape upper and lower plates and mix. Repeat process of mulling as many times as desired. There should be at least two mullings to secure a good mixture. **DO NOT RUN PLATES DRY.**

SETTING OF COUNTER:

The predetermining count is selected using the bi-directional pushbutton selector switches located on the number display in the face of the counter. The counter is preset at a period of 25 turns, which is the recommended cycle. Depending on test procedures, 50, 75 or 100 turns can easily be set into the counter by pushing the push button selector switches.

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OILING:

MOTOR: Oil as shown on attached cards.

CHAIN: Rub grease on chain once per month. As a precaution, disconnect electric current when this is done. It is not necessary to remove chain guard when greasing.

MULLER: Oil ball bearing once per month, also oil center axle through opening immediately above sprocket gear.

CLEANING: CAUTION – WHEN CLEANING, BE SURE TO DISCONNECT CURRENT

GLASS PLATES: Plates are removable by unscrewing retaining rings. It is suggested that to save time, different sets of plates be kept for colors that vary widely in shade. Always have paper circles under glass when replacing. When replacing rings, be sure to put Vaseline or other lubricant on the bevel of the glass and on threads so as to prevent the vehicle from setting up.

DO NOT RUN PLATES DRY.

REPAIRS AND ADJUSTMENTS: Replacement parts are readily available by contacting:

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