



MARUYAMA U.S., INC.

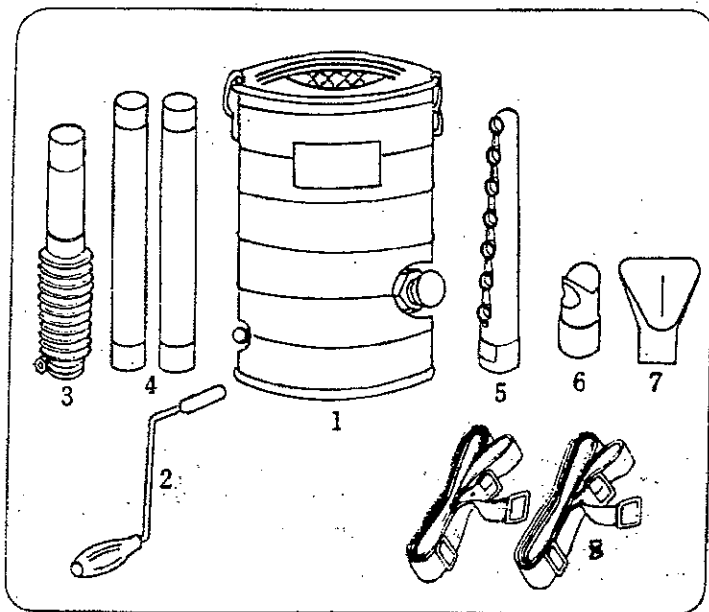
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OPERATIONS MANUAL MODEL MG-51

January 1, 1990

MODEL MG - 51
MARUYAMA HAND DUSTER
Operations Manual

MG-51



1. Main body
2. Handle
3. Flexible pipe
4. Straight pipe - 2 pcs.
5. Multi-port discharge nozzle
6. Y-shaped nozzle
7. Fish tail nozzle
8. Straps - waist & neck pcs.

I. ASSEMBLY

- (1) Attach the handle (#2) to the main body (#1)
- (2) Screw the flexible pipe (#3) into the main body (#1) at the discharge port (threaded)
- (3) Connect straight pipes (#4) to flexible pipe (#3) by sliding them together
- (4) Connect multi-port discharge nozzle (#5), Y-shaped nozzle (#6), or Fish tail nozzle (#7) to straight pipe (#4) according to function/discharge patterns desired for the chemical.

II. PREPARATION

- (1) First clean the hopper thoroughly, with the adjusting lever in the closed position (0).

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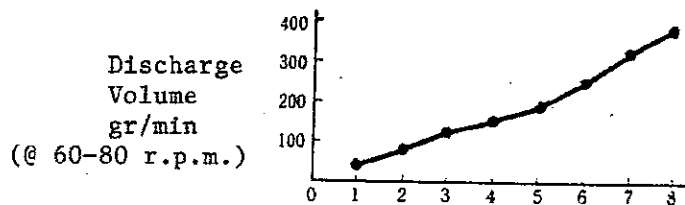
- (2) Make sure your chemicals are completely dry. Using rough mesh screen, sift them prior to use to be sure no foreign matter will plug the discharge opening.

III. OPERATION

- (1) Sling one strap across the back of your neck, using the upper hooks. Use the other strap around your waist to firmly position the duster, attaching the strap at the lower hooks and drawing it right.



- (2) Adjust lever position to discharge the correct volume according to chemicals, moisture of chemical, and revolution ratio of handle (r.p.m.)



Opening Position 60 - 80

- (3) Apply chemicals while holding the straight pipes with your left hand. The rotation should normally be between 60 - 80 r.p.m.
- (4) CAUTION: Use filtration mask, gloves, and protective clothing. Always apply chemicals from the windward direction to avoid chemical contact. Oil the gears in the gear box occasionally.

(con't)

- (5) After use, clean every part well after removing. Eliminate thoroughly any remaining chemicals in the hopper by rotating at high speed.