

START-UP PROCEDURES

Step 1: Prepare the Paint

- A. Prepare the material to be sprayed according to paint manufacturers recommendations.
- B. Strain the paint before each use. 770-119 Cone Strainer provided.
- C. Thin the material to be sprayed with the recommended solvent. **Most materials need to be thinned to obtain spraying consistency.** To achieve the proper viscosity for spraying, either a viscosity cup can be used or trial and error.
- D. If a viscosity cup is not available, thin the materials to a point where you will achieve a one second interval between drops after a paint stick has been inserted and removed from paint.

Step 2: Gun and Turbine Set-Up

- A. With the turbine switch in the off position, plug into a grounded outlet at least 20 feet from spray activity.
- B. Attach air atomizing hose to turbine.
- C. Attach quart cup to gun and attach tube from gun to cup, attach air hose to bottom of the gun. Make sure that everything is secure before spraying.

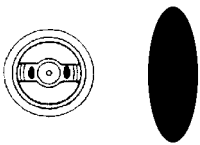
Step 3: Spray Gun Adjustments

The "Pro-Finish" gun comes equipped with a .051 fluid nozzle and needle and our #0 medium air cap. **Always test your spray pattern on a test surface before you begin to work.**

- A. Fan size adjustment is controlled by turning the air cap retainer ring. Clockwise will increase fan width, counterclockwise will decrease fan width.
- B. Top knob controls air volume. Clockwise will decrease air flow.
- C. A round, horizontal or vertical fan pattern can be achieved by rotating air cap as shown by the diagrams below.
- D. A round pattern will require less material flow than a wide pattern. Turning the lower knob clockwise will decrease fluid flow; counter-clockwise will increase fluid flow.



Round Pattern



Vertical Pattern



Horizontal Pattern

Step 4: Fluid Nozzle / Needle / Air Cap Selection

If after all of the appropriate adjustments are made poor results are obtained, it may be necessary to change to a different fluid nozzle / needle or air cap. Refer to our selection chart to match the appropriate components to the material being sprayed. Note: The smaller the air cap the greater atomization.

- A. To change fluid nozzle and tip remove air cap 101 and indexing retainer 103.
- B. Squeeze trigger and with a wrench remove fluid tip 105.
(Use Fluid Tip Tool (773-134), supplied, not pictured)
- C. Remove rear Adjustment Knob (128).
Remove Spring (127) and Needle (126)
- D. Reassemble in reverse order A thru C.

Note: Never use lubricants containing silicones. Silicone will adversely affect spray finishes and is difficult to get rid of once on equipment.

The following techniques are recommended to assure professional painting results. Hold the gun perpendicular to the surface and always at an equal distance of approximately 6"-8".

Move the gun either across or up and down the surface at a steady rate. Moving the gun at a consistent speed provides even coverage. The correct spraying speed allows for a full wet coat of material without runs or sags. Do not angle the gun as this will cause uneven paint build-up, runs or sags. Begin movement of the gun before the trigger is pulled.

Holding the gun closer to the surface deposits more paint on the surface and produces a narrower spray pattern. Holding the gun farther from the surface produces a thinner coat and wider spray pattern. If runs, sags or excessive paint occur, change to a spray tip with a smaller orifice. Conversely, if there is an insufficient amount of paint on the surface or you desire to spray faster, a larger orifice tip should be selected.

USER'S MAINTENANCE INSTRUCTIONS

During storage the power cord must be coiled around cord holder to avoid damage.

CLEANING PROCEDURES

The Titan Pro-Finish system has been constructed with the finest materials to assure trouble free operation and durability. However, like any paint tool, proper cleaning is essential for optimum performance to be maintained. Always clean thoroughly after each use.

Step 1. Pour remaining material in the quart cup back into the original container. For single component materials ONLY. For catalyzed material, consult coating mfg. recommendation.

Step 2. Pour a small amount of solvent in the cup. Swirl the solvent around in the cup and empty.

Step 3. Thoroughly clean the interior of the cup and wipe dry.

Step 4. Pour a small amount of solvent into cup and spray through the gun to clean fluid nozzle and needle.

Step 5. After extended use it might be necessary to remove the fluid nozzle, needle and air cap and clean by hand, with a soft brush. (Part No. 770-118 provided). Do not use a wire brush or hard tools that could damage the components. Also clean the inside of the gun with solvent and a soft brush. Reassemble gun and test with mineral spirits.

Step 6. Clean the exterior of the gun using solvent. **NEVER soak the gun in solvent.** Some solvents can damage internal seals.

Step 7. Check turbine filter, clean or replace. **(Never use solvent to clean turbine filter, blow clean with compressed air or replace.)**

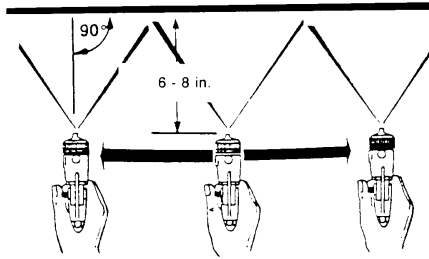
Please dispose of cleaning solvent and unused coatings in an environmentally safe fashion. Consult with material manufacturer on proper procedure.

APPLICATION TECHNIQUES

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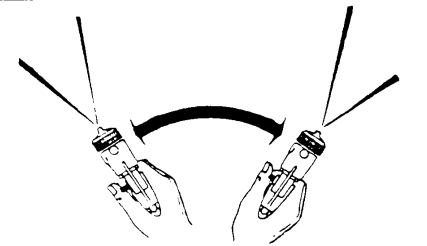
Move the gun either across or up and down the surface at a steady rate. Moving the gun at a consistent speed provides even coverage. The correct spraying speed allows for a full wet coat of material without runs or sags. Do not angle the gun as this will cause uneven paint build-up, runs or sags. Begin movement of the gun before the trigger is pulled.

Proper Technique

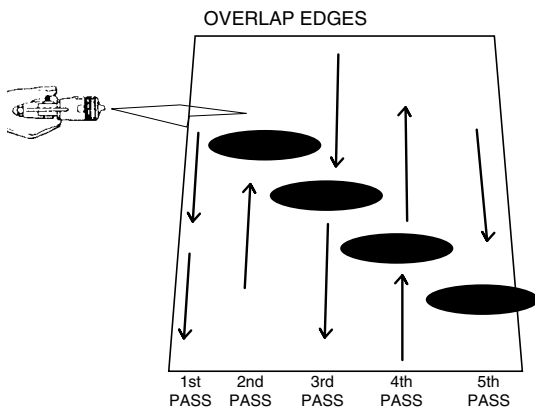


Maintain uniform spray stroke action. Spray alternately from left to right and right to left. Begin movement of the gun before the trigger is pulled.

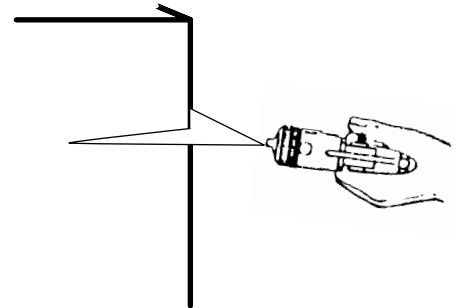
Wrong Technique



PROPER LAPPING (overlap of spray pattern) is essential to an even finish. Lap each stroke. If you are spraying horizontally, aim at the bottom edge of the preceding stroke, so as to lap the previous pattern by 50%.



For corners and edges, split the center of the spray pattern on the corner or edge and spray vertically so that both adjoining sections receive approximately even amounts of paint.



If conditions are windy, angle the spray pattern into the wind to minimize drifting. Work from ground to roof. Do not attempt to spray if wind is excessive.

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