



POWER STATION™ TIPS AND FAQS

SEM Products Inc.
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Power Station Tips

- Always strain paint before filling the aerosol blank
- Slower activators will maximize pot life
- When filling an aerosol blank, use a twisting/pushing motion to set cylinder on aerosol can to prevent valve seal damage
- Once aerosol can has been filled, remove the fill cylinder with the can vertically oriented, using a twisting/pulling motion to remove the cylinder from the can.
- At all times avoid excessive side to side movement of the fill cylinder on the aerosol can as this may bend/damage the valve assembly
- Carefully place the spray tip back onto the filled aerosol can to avoid accidental discharge.
- To remove the cap from the fill cylinder, press onto work surface depressing the tabs to eject the cap.
- Always shake cans after filling to evenly mix contents
- The filling process fills the valve and pickup tube with paint. To prevent this from hardening and clogging the valve, test spray until proper fan pattern has been achieved
- After spraying test pattern and every use (especially important with 2k products), always purge the by inverting and spraying until only propellant sprays out.
- When can will sit for extended periods of time, clean tip out with XXX Universal Gun Cleaner. This is especially important for 2k products.
- When spraying a filled aerosol can, two medium coats per visit is equal to one coat with a spray gun.

Power Station FAQ's

Q: Do all paint lines work with the custom fill line?

A: Most paint lines are compatible, but due to the wide variety of paint types and brands on the market, SEM has not tested every single one.

Q: What kind of compressor do I need to operate the Custom Fill Pneumatic machine?

A: Any compressor capable of maintaining high pressures (125-130PSI) are acceptable. The CFM requirements for the fill machine are minimal, the important thing is having the proper air pressure. To ensure that you have proper air pressure, install an in-line gauge at the connection for the



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machine. 125PSI at the compressor may not be 125PSI at the machine depending on your shop setup.

Q: What happens if I don't have enough air pressure at the machine?

A: If you do not have enough air pressure to the machine, the piston will not be able to press the disc all the way into the cap, and will result in a failure to load. To complete loading the air pressure must be restored to 125-130PSI and a new blank loaded. Any paint spilled as a result of the failure must be cleaned.

Q: I spilled paint in the fill chamber and piston. How to I properly clean it up?

A: To clean the general filling chamber, use a solvent based gun cleaner or paint thinner product and a lint-free rag. Be sure to get all the paint out of the track for the door as well, or the door may become hard to close. To clean paint off the piston (which typically happens when a low PSI fill is attempted), close the door to activate the piston. Slide the door back about $\frac{1}{2}$ " so that the piston action is visible. Once piston is extended, unplug the machine from the air line to arrest movement when the door will be opened for cleaning. Proceed to clean piston in same manner as the chamber.

Q: How do I know when I have to reduce my paint?

A: There is no definite answer to this question – because of the variety of products on the market, and the ways you can activate them, it really will be something that is learned over time. It is best to experiment with any coatings you are concerned about on a practice panel.

Q: How do I know which blank to choose for my paint?

A: For waterborne paint the answer is simple: the 62003 Custom Fill for Waterborne blank is the only option. For solvent based paints this becomes a matter of preference. The Custom Fill+ High Build was designed to place more paint on the panel in one pass resulting in higher film build. For more on the differences in these cans please see the "Custom Fill or Custom Fill+ High Solids" Sheet, or the TDS for Custom Fill.

Q: I don't need a full fill amount, can't I just fill a can with half of that?



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A: No, under filling of an aerosol can is not recommended as it introduces a large amount of air into the can, and upsets the ratio of propellant to paint in the can. The proper fill amount is 3.8oz, or to the fill line in the cap.

Q: How do I fill an aerosol blank using the Custom Fill Machine?

A: To learn more about the aerosol filling process please see the Custom Fill Aerosol Blanks TDS available on the SEM website (semproducts.com) or in your Power Station information packet.

Our Technical Staff is ready to assist you with any other questions. You are invited to take advantage of our extensive experience, laboratory services, and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.