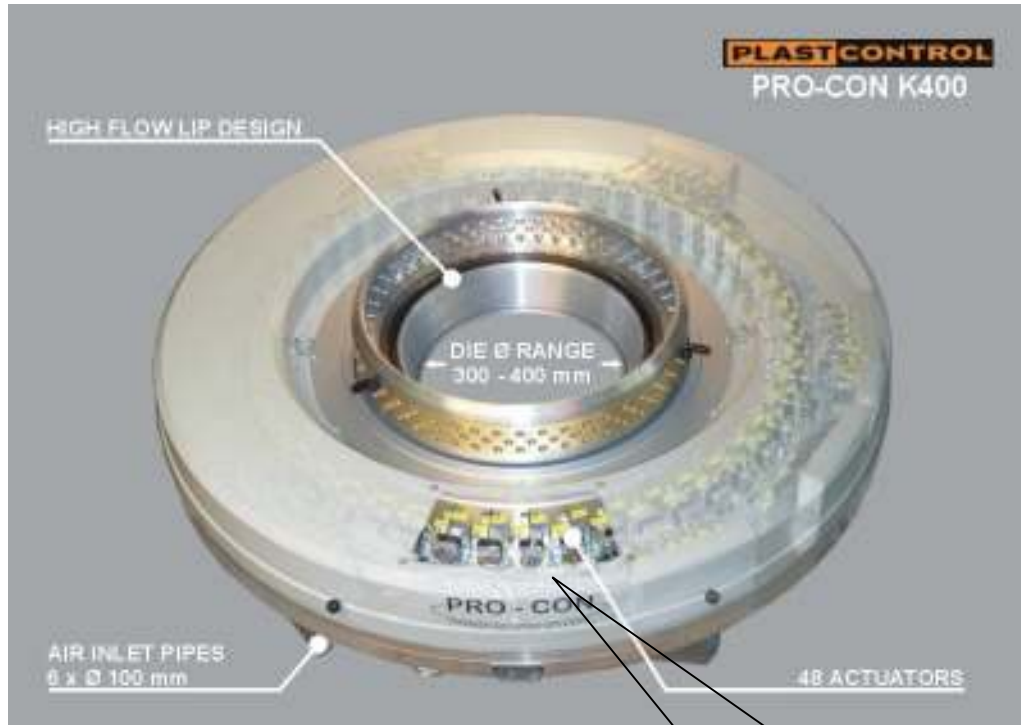


PRO-CON Air ring cleaning procedure



Access service plate

The purpose of this procedure is to ensure that the actuators can move freely inside of the airing. Over time the shoe portion of the element can get gummed up prohibiting its ability to move to the correct location. This is most noticeable on the Procon graphics page when elements have not completely moved to the middle position after performing an “Actuators to middle position”.

- 1) Remove the airing cover or covers and vacuum out all the loose debris around the elements.
- 2) Remove the two bolts completely securing the actuator to be cleaned to gain access to the bottom, referred to as the shoe. Clean this area with an alcohol based cleaning agent and a toothbrush.
- 3) Clean the area in the air ring where the actuator is to be reinstalled with alcohol and a lint free cloth.
- 4) Turn the shaft protruding from the stepper motor to ensure that the actuator turns easily and moves the shoe forward and backward. It should be noted that if the actuator is plugged into a SH box you will feel some resistance. If the actuator is unplugged it should turn very easy.
- 5) Make sure that the actuator is straight when tightening the two securing bolts to ensure that the actuator moves freely when in production. Actuators that don't go to the middle position when **“Actuators to zero position”** is selected, could be caused by failure to perform this step.
- 6) Make sure that all actuators have the green led on by itself on the circuit board on the actuator. Move the shaft to achieve this if necessary.
- 7) Select the button **“Actuators to the middle position”** which should move all the actuators to the 500 mark on the Procon graphics page and should result in each actuator having just the green led being lit.

