



## PNEUMATIC ORBITAL

Thank you for choosing this fine product from GRIOT'S GARAGE. The PNEUMATIC ORBITAL is a professional duty machine. It's perfect for the weekend user or the professional detailer. Its lightweight, low profile and ergonomic design conforms to your hand for proper wrist position required for greater comfort and control.

### **SPECIFICATIONS:**

Speed (rpm)	10,000
Air Consumption (L/min)	141.6
Orbit Diameter (mm)	5 mm
Air Pressure	90 psi
Pad Size	6"
Spindle Thread	$\frac{5}{16}$ x 24
Weight (kg)	1.1

### **NOISE LEVELS:**

Sound Pressure Level:	76 dB
Sound Power Level:	87 dB
Instantaneous Sound Pressure:	108 dB

\*Should wear approved ear protection while operating

### **AIR PRESSURE**

Different polishes and waxes require different speeds. For example, GRIOT'S GARAGE MACHINE POLISH 1 has more "bite." To remove deep swirl marks it may be necessary to increase the speed to high. Your final waxes, on the other hand, may only require lower speeds. The maximum operating performance of the PNEUMATIC ORBITAL is from 70 psi to 100 psi.

### **AIR SUPPLY**

Use a  $\frac{3}{8}$  inch diameter air hose between the air compressor and the PNEUMATIC ORBITAL. Compressed air is cooled and moisture is separated as soon as the air leaves the compressor. A portion of water may condense inside the air line. This moisture can enter the PNEUMATIC ORBITAL and cause problems with the inner workings of the machine. A filter is recommended to help remove any moisture that might enter the machine. Recommend using a 3 HP or larger air compressor.

### **PALM ACTIVATED SWITCH**

The on-off switch is located on the top of the PNEUMATIC ORBITAL. It is a "hold-to-run" type of switch. You can change the running speed by raising or lowering the switch lever. When the lever is released the PNEUMATIC ORBITAL will take a few moments to stop running.

### **SPEED CONTROL SWITCH**

The speed control switch is located on the bottom of the PNEUMATIC ORBITAL inlet port. It is a lever that controls the air entering the motor. You can change the running speed by turning the switch lever.

### **LUBRICATION**

We recommend that you add four to five drops of oil at the air inlet every time you use the PNEUMATIC ORBITAL. Use #60 spindle oil or a comparable grade air tool oil. Additional oiling is necessary if the PNEUMATIC ORBITAL is used for more than three to four hours. Oiling will help maintain the performance of the PNEUMATIC ORBITAL.

### **STORAGE**

Avoid storing the PNEUMATIC ORBITAL in high humidity locations. If the PNEUMATIC ORBITAL is left unused, the residual moisture inside the PNEUMATIC ORBITAL can cause rust to form. Before storing and after operation, add oil to the PNEUMATIC ORBITAL at the air inlet and let it run for a short time.

### **WARNING!**

1. This tool is not insulated for contact with electrical power sources.
2. Secure long hair, loose clothing or jewelry.
3. Never carry the Pneumatic Orbital by the hose.
4. The rotating action of the PNEUMATIC ORBITAL can cause this tool to become hot. Allow the PNEUMATIC ORBITAL time to cool.
5. Disconnect the hose before making changes or adjustments.

### **DISCLAIMER**

GRIOT'S GARAGE is not responsible for any misuse of the PNEUMATIC ORBITAL for any injury or damage incurred to any person or object related to the PNEUMATIC ORBITAL.

### **ANSWERS TO YOUR QUESTIONS**

Should you want to order another PNEUMATIC ORBITAL, or for a complete selection of quality GRIOT'S GARAGE products, please write, use the internet or call us toll-free at **800-345-5789**. Reorder item number 10415.

*Have fun in your garage!™*

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