

## **Pneumatic Sander**

### **Technical Specifications**

Power: 0.24 hp (179 W)

Speed Range: 60-10,500 RPM

Tool Weight: 4.0 Lb (1.81 kg)

Supply Air: 90 psi (6.2 bar) Maximum (While Running)

Airflow Rate: 17 SCFM (481 LPM)

Recommended Airline Size – Minimum : 3/8 in (10 mm)

Recommended Maximum Hose Length: 25 feet (8 meters)

Lubrication Rate: 1.8 drip/min.

Recommended Lubricant: 3M™ Air Tool Lubricant PN 20451, Fuji Kosan FK-20 or Mobil ALMO 525

Internal Threads: 1/4-20 for 3" orbit or 5/16-24 for 5" and 6" orbit

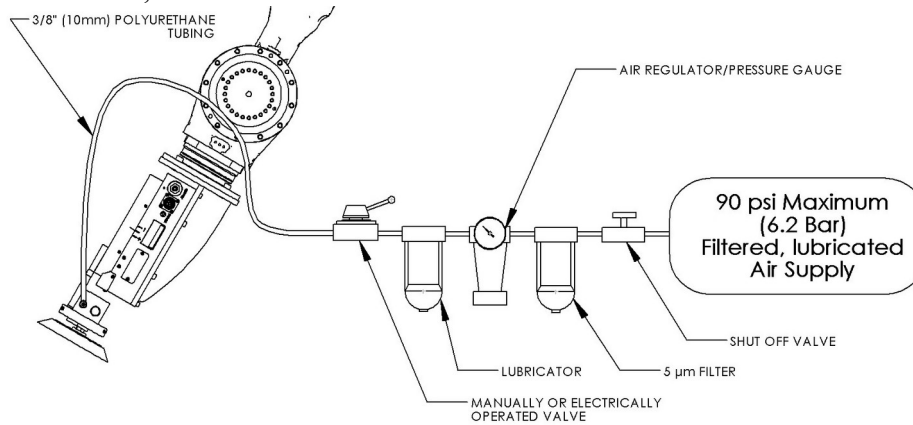


### **Air Connections**

All Pneumatic Sanders require a filtered, lubricated air supply, with a maximum pressure of 90 psi (6.2 bar). If the supply air pressure is too low then the unit will be unable to reach full speed (10,500 RPM). Exceeding the maximum air pressure could result in permanent damage to the pneumatic motor. The pneumatic supply system should be configured as shown in the Figure below. A manual or electrically operated valve may be used to turn on and off the pneumatic motor. An electrically operated pneumatic valve is normally used in an automated workcell.

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## RPM to PSI Calculation

Enter desired RPM to calculate the corresponding PSI needed.

$.00857 \cdot \text{RPM} \approx \text{PSI}$

Example:  $.00857 \cdot 10500 \text{ RPM} \approx 90 \text{ PSI}$

\*\*Please note speeds may vary based on the motor. A vibrating reed tachometer can be used to accurately measure the motor speed\*\*

## PushCorp Pneumatic

### PSI vs RPM

