

# **CONGRATULATIONS ON PURCHASING A NOVA PNEUMATIC TOOL**

## **REGARDING NOVA PNEUMATIC TOOLS:**

Pan American Tool Corporation manufactures its own complete line of high-quality, competitively priced aerospace pneumatic drills and fastening tools for the aviation and aerospace industries. If quality, longevity and outstanding performance are important to you - and they should be - then Nova Pneumatic Tools, designed and built by our engineers to demanding NAS specifications, should be in your toolbox.

## **USE:**

Nova Pneumatic Tools are rated at 90 PSI. Due to compressors changing, Nova pneumatics have the ability to run at higher or lower speeds, depending on the air pressure provided.

## **SAFETY: ALWAYS WEAR EYE PROTECTION AND KEEP CLEAR OF ALL MOVING PARTS.**

Use the tools for their intended purpose only and do not exceed the tools capabilities. It is the operator's responsibility to assure the tool is in safe working condition prior to use. Examine the tool for defects and test prior to using in production.

## **WARRANTY:**

Nova Pneumatic Tools are warranted for one year from date of purchase when used for the purpose in which the tool was designed. Claims must be made no later than 10 days after receipt of merchandise. Any defective tool must be returned freight prepaid to Pan American Tool Corporation and will be repaired, replaced, or credited, provided it has not been misused or abused in any manner.

## **AIR CONSUMPTION:**

Pan American Nova Pneumatics Tools are designed to run at 90 PSI. Drills consume 4 -18 CFM of compressed air. Air should be clear of all condensation and debris. Condensation traps may be required in some climates. Beware of over lubricating or in-line oil systems that can cause over lubrication and lead to premature failure.

**OIL:**

Oiling daily is not required. General maintenance consists of 1-2 drops of oil once a week or after heavy use. Oil should be inserted and run through the drill prior to storage. The oil is to protect the tool from corrosion during the storage period, not as a maintenance requirement or performance booster.

**GREASE:**

Grease fittings are supplied on all Nova Pneumatic Tools that require grease lubrication. Grease should be used sparingly. Once grease has been inserted in the tool, no further grease should be required unless maintenance has been performed and grease cleared from tool.

**GRINDERS:**

Due to the speed of the grinders, it is very important to maintain 90 PSI of air. Increasing the air pressure can cause the RPM of the grinders to exceed the safety specifications of the cutting tools and create a danger to the operator and those working in the general area. **90 PSI maximum.**

**GENERAL OPERATING INSTRUCTIONS:**

1. To operate the drills, the user needs to insert necessary cutting tool/drill bit.
2. Plug air hose into the air inlet located at the bottom rear end of the tool.
3. Align bit with material to be drilled and depress trigger. This will start the drilling motion and cutting tool will begin to work material.
4. To stop, release finger pressure from trigger and allow tool to come to a complete stop.



**PAN AMERICAN TOOL CORPORATION**

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