



## PLEASE READ AND FOLLOW ALL WARNINGS



# Universal Tool

UT2226

HIGH SPEED SANDER

### Read Operating Instructions

Always become familiar with all the instructions and warnings before operating any power tool.



### Avoid Prolonged Exposure to Vibration

Tools can vibrate during use. Prolonged exposure to vibration or very repetitive hand and arm movements, can cause injury. Stop using any tool if discomfort, tingling feeling or pain occurs. You should consult your physician before resuming use of the tool.



### Always Wear Approved Eye Protection

Impact resistant eye protection should meet or exceed the standards as set forth in the United States ANSI Z87.1, Occupational and Educational Eye and Face Protection. Look for the marking Z87.1 on your eye protection to insure that it is an approved style. For further information, ANSI Z87.1, Occupational and Educational Eye and Face Protection, is available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036.



### 90 PSIG Maximum

This tool is designed to operate at an air pressure of 90 pounds per square inch gauge pressure (90 PSIG) maximum, at the tool. Use of higher air pressure can, and may cause injury. Also, the use of higher air pressure places the internal components under loads and stresses they were not designed for, causing premature failure. The air supply should be clean and dry. For best results, drain the moisture from your compressor daily.



### Hearing Protection is Recommended

Hearing protection should be used when the noise level exposure equals or exceeds an 8 hour time-weighted average sound level of 85 dBA. Process noise, reflective surfaces, other tools being operated nearby, all add to the noise level present in your work area. If you are unable to determine your noise level exposure, we recommend the use of hearing protection.

### Description

The Universal Tool model UT2226 High Speed Sander is designed for touch-up, feather edging and production sanding on a variety of materials. This High Speed Orbital Sander is designed for extra fine finishing sanding



devices as furnished by the manufacturer. Where an air tool is modified or altered, the modifier shall provide the safeguards to enable it to be safely used in the operations intended and to comply with any applicable provisions as contained in ANSI B186.1.

### Safety Instructions

The following general instructions are furnished as general guidelines for use of your pneumatic tool. They cannot comprehensively cover all possible or conceivable uses of the subject tool. For additional information on the safe use of air tools, we advise you to obtain a copy of ANSI B186.1 Safety Code for Portable Air Tools, available from the following source:

American National Standards Institute, Inc.  
11 West 42nd Street  
New York, NY 10036.

The use of the word "shall" in the following instructions, indicates that adherence to the particular requirement is necessary to conform to ANSI B186.1.

### Tool Application and Usage

Portable tools shall be used only for the purposes intended in their design and within the capacity for which they were intended and rated. It shall be the tool owner's and/or employer's responsibility to instruct each operator in the safe use of the tool. Tools shall not be used without guards and safety

### Tool Installation

Pressure regulators shall be used to limit air pressure to the rated pressure where the supply pressure exceeds the tool's rated pressure. Air hoses and lines shall be relieved of compressed air before being disconnected or disjoined, unless there is automatic valve closing protection at the joint being separated. Synthetic lubricants which can cause deterioration of elastomer seals shall not be used in air systems of air tools.

### Tool Maintenance

It shall be the tool owner's and/or employer's responsibility to assure that tools are maintained in a safe operating condition. Tool maintenance and repair shall be performed by authorized, trained, competent personnel. Tools shall be disconnected from their compressed air supply before repairs are attempted. Repairs shall be consistent with the manufacturer's recommended procedures. Tool, hoses and fittings shall be replaced if unsuitable for safe operation. It shall be the tool owner's and/or employer's responsibility to keep required rating markings and warnings on the tool in legible condition.

Universal Tool

A Division of Florida Pneumatic Manufacturing Corporation  
851 Jupiter Park Lane, Jupiter, Florida 33458

(561) 744-9500 • Fax (561) 575-9134 • Toll Free 1-800-327-9403

**Read these instructions carefully before attempting to install, operate or service this Universal Tool product. Failure to comply with the instructions could result in personal injury and/or property damage! Retain these instructions for future reference.**

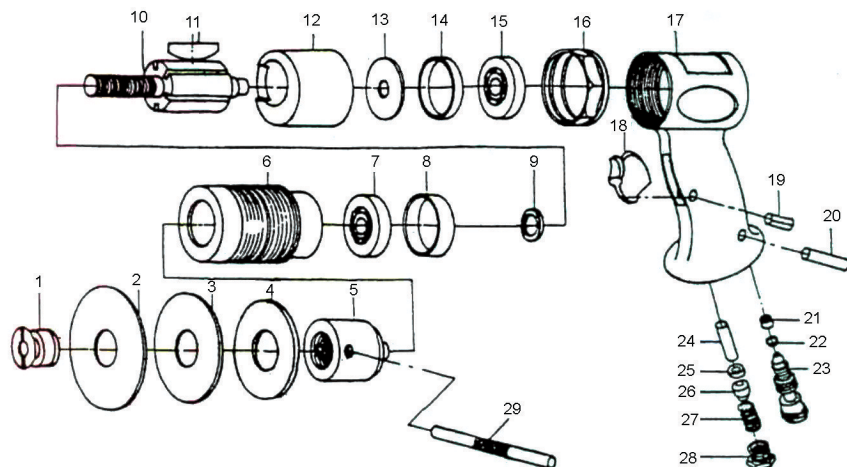
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### Specifications

Free speed .....	20,000 RPM
Spindle size .....	7/16" -20
Weight .....	2-1/2 lbs.
Overall length .....	6-1/2"
Average air consumption .....	4 CFM
Air inlet .....	1/4" NPT
Recommended hose size .....	3/8" I.D.
Maximum air pressure .....	90 PSI

### Parts Breakdown for UT2226



### Replacement Parts

Ref.	Description	Part #	Ref.	Description	Part #
1	Adaptor Lock Down	921501	16	Housing Lock Ring	921516
2	Backing 5-1/2" Plate	921502	17	Handle	921517
3	Backing 4-1/2" Plate	921503	18	Trigger	921518
4	Backing 3" Plate	921504	19	Pin	921519
5	Sanding Adaptor	921505	20	Pin	921520
6	Cylinder Housing	921506	21	Rubber Gasket	921521
7	Bearing	921507	22	O Ring	921522
8	Spacer	921508	23	Regulator	921523
9	Busing Front End	921509	24	Control Pin	921524
10	Rotor	921510	25	Rubber Gasket	921525
11	Vanes (4)	921511	26	Ball	921526
12	Cylinder	921512	27	Spring	921527
13	Rear End Plate	921513	28	Hose Joint	921528
14	Spacer	921514	29	Holding Tool	921529
15	Bearing	921515			

### Universal Tool's Limited Warranty

Universal Tool warrants their tools to be free from defects in material and workmanship for one year from the date of purchase. This warranty does not apply to tools which have been abused, misused, modified or repaired by someone other than Universal Tool or their authorized service centers. If a Universal Tool proves defective in material or workmanship within one year after purchase, return it to any authorized service center or Universal Tool freight prepaid. Please enclose your name, address and adequate proof of purchase and a short description of the defect. Universal Tool will, at their option, repair or replace defective tools, free of charge. Repairs or replacements are warranted as described above for the remainder of the original warranty period. Universal Tool's sole liability and your exclusive remedy under this warranty is limited to repair or replacement of the defective tool. There are no other warranties expressed or implied and Universal Tool shall not be liable for incidental, consequential or special damages, or any other damages, costs or expense of repair or replacement as described above.

### Tool Operation and Maintenance

- Daily, before putting tool into operation, disconnect air hose and pour 1/4 oz. of air tool oil into the air inlet.
- Blow out air line to clear it of accumulated dirt and moisture. Connect tool and operate momentarily to allow oil to be carried through tool.

- Hose runs longer than 8 feet should be connected to a 1/2" ID hose to provide sufficient volume for proper performance.
- We recommend oil made exclusively for air tools or equivalents which include moisture absorbants, rust inhibitors, metal wetting agents and an EP (extreme pressure) additive.