

# 1/4" Pneumatic angle sander - art.1517S

## WARNING:

- \* always read the instruction before using power tools
- \* always wear safety goggles
- \* wear hearing protection



Art.	Code	Free speed	Max. Pressure	Air consumption	Air inlet	Spindle thread 5/8"	Sanding pad size	Lenght	Weight
1517 S	617729	4500 RPM	6,2 bar	340 l/min	1/4"	5/8"	175 mm	375 mm	2165 g

## OPERATING INSTRUCTION

### 1. Warning

#### 1.1 Air pressure

The air pressure must be restricted at or less than maximum pressure 90 psi (6.2 bar), do not exceed it.

#### 1.2 Air line

Use an air hose between the compressor and the tool. The corresponding hose internal diameter is recommended in the attached table in the data sheet. Compressed air is cooled and its water content separated as soon as the air leaves the compressor. However some of the water is condensed in the piping, and can enter the tool mechanism and cause damage. An air filter and an oiler should be installed between the compressor and the tool. Use a recommended compressor in the data sheet or larger for each tool.

#### 1.3 Air hose

Clean the hose with a blast of compressed air before connecting the hose to air tool. This will prevent both moisture and dust within the hose from entering the tool and causing possible rust or malfunction. To compensate for unusually long hose (over 25ft) the line pressure should be increased accordingly.

1.4 Approved eye protection, mask, hearing protection and gloves shall be worn when operate this tools.

1.5 The working place shall be ventilated.

1.6 Release the on-off device in case of air supply failure.

1.7 Release the start and stop switch in case of a failure of energy supply.

1.8 Use only a lubricant recommended by the manufacturer.

## 2. Maintenance

### 2.1 Lubrication

Before connecting the hose, apply 4 to 5 drops of #60 spindle oil at the inlet. Use of a thicker oil can lead to reduced performance or malfunction. Also oil every 3 to 4 hours of operation.

### 2.2 Storage

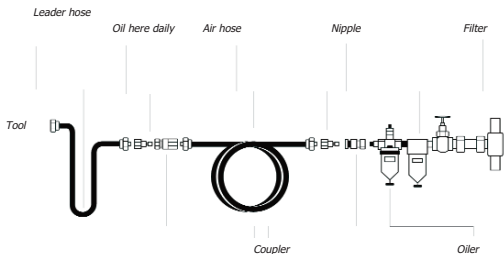
Avoid storing the tool in a location subjected to high humidity. If the tool is left as it is used, the residual moisture inside the tool can cause rust. Before storing and after operation, oil the tool at the air inlet with spindle oil and run it for a short time.

### 2.3 Ordering service part

For further operational and handling information or for replacement of parts and components contact the outlet from where you purchased the tool or the service division of your company.

## WARNING:

1. The tool should not be used in potentially explosive atmospheres.
2. Disconnect the air hose before changing or adjusting anything.
3. Prevent loose clothes, long hair etc from coming into contact with the revolving spindle, as this could cause injury.
4. Excessive high air pressure that exceeds the recommended maximum pressure may cause injuries to the user.
5. Keep your body in well balanced position and always wear gloves to reduce the risk of becoming trapped due to torque between handle and work piece.
6. Prolonged exposure to vibration can cause injury.
7. Slip/ trip/ fall is a major reason of serious injury. Beware of excess hose left on the workplace floor.
8. Wearing correct breathing protection could avoid inhaling dust or debris from work process that can be harmful to your health.



## Warranty:

Unior d.d. offers one year free charge service warranty to products supplied by Unior d.d. and authorized dealers.

All products are warranted under following conditions:

\* one year from the date of purchase for tools with Unior brand name.

\* the free charge service only applies to defects in material and workmanship. The guarantee becomes invalid if the tool has been improperly used or has been repaired using non genuine spare parts and/or has been modified or repaired by someone other than UNIOR d.d. authorized service representatives.

## EC Declaration of Conformity

Unior d.d.

Kovaška cesta 10, 3214 Zreče, SLOVENIJA

Declares under its own responsibility that the following product,

### Article 1517S - 1/4" Pneumatic angle sander

is in conformity with essential safety and health requirements of council Directive 98/37/EC, and following provisions of the harmonized standards mentioned below: ISO 8662/ DIN 45635-20.

Zreče, December 2006

Gozard Kdrošec, President

Name and signature of the authorized person

## Spare parts:

Nº	Code	Description	Qty.
1517.1	618187	Air inlet	1
1517.2	618188	Valve body	1
1517.3	618189	Lever	1
1517.4	618190	Lever pin	1
1517.5	618191	Valve bushing	1
1517.6	618192	Valve stem	1
1517.7	618193	O-Ring	1
1517.8	618194	Valve spring	1
1517.9	618195	Air controller	1
1517.10	618196	O-Ring	1
1517.11	618197	Valve screw	1
1517.12	618198	Goskel	1
1517.13	618199	Bearing	1
1517.14	618200	Rear end plate	1
1517.15	618201	Rotor blade	4
1517.16	618202	Rotor	1
1517.17	618203	Cylinder pin	1
1517.18	618204	Cylinder	1
1517.19	618205	front end plate	1
1517.20	618206	Bearing	1
1517.21	618207	Bearing	1
1517.22	618208	Pinion for 1517S	1
1517.23	618209	Pinion for 1517P	1
1517.24	618210	Housing band	1
1517.25	618211	Motor housing	1
1517.26	618212	Bearing	1
1517.27	618213	Bevel gear for 1517S	1
1517.28	618214	Bevel gear for 1517P	1
1517.29	618215	Spindle	1
1517.30	618216	Woodruf key	1
1517.31	618217	Housing cap	1
1517.32	618218	Bearing	1
1517.33	618219	Retaining ring	1
1517.34	618220	Handle	1
1517.35	618221	Exhaust deflector	1
1517.36	618222	Exhaust deflector screw	2
1517.37	618223	Retaining ring	1
1517.38	618224	Wave washer	1
1517.39	618225	Spring washer	4
1517.40	618226	Screw	4
1517.41	618227	Wave washer	1
1517.42	618228	O-Ring	1
1517.43	618229	Locknut	1
1517.44	618230	7" sanding pad	1
1517.45	618231	Wrench	1
1517.46	618232	Wrench	1
1517.47	618233	Screw	4

