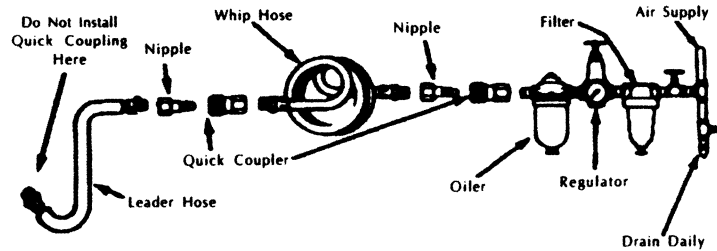


## Air Supply

Tools of this class operate on a wide range of air pressure. It is recommended that air pressure of these tools measures 90 PSI at the tool while running free. Higher pressure and unclean air will shorten the tool's life because of faster wear and may create a hazardous condition.

Water in the air line will cause damage to the tool. Drain the air tank daily. Clean the air inlet filter screen on at least a weekly schedule. The recommended hookup procedure can be viewed in the illustration below.



The air inlet, used for connecting air supply, has standard 1/4" NPT American Thread.

Line pressure should be increased to compensate for unusually long air hoses (over 25 feet). Minimum hose diameter should be 1/4" I.D. and fittings should have the same inside dimensions.

## Operating Instructions

The air regulator knob can be used as an air throttle and can be used for setting positive speed control. Turn the air regulator lever up for maximum speed.

The air inlet used for connecting air supply has standard 1/4" NPT thread.

Start the sander off the work, set it down on the work evenly. When finished sanding, lift it off the work before stopping the motor.

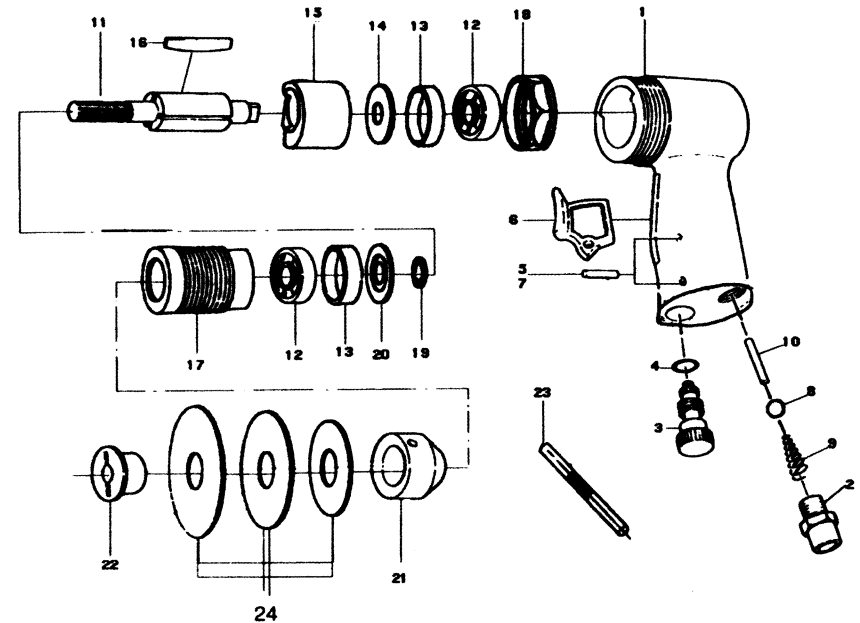
**Warning:** Never use this tool with a grinding wheel or cutoff wheel. Only use with sandpaper for sanding. Always use all three (3) pads on tool when sanding with the 5" pad as shown in breakdown.

## Maintenance

Other factors outside the tool may cause loss of power or erratic action. Reduced compressor output, excessive drain on the air line, moisture or restriction in air pipes or the use of hose connections of improper size or poor condition may reduce air supply. Grit or gum deposits in the tool may cut power and may be corrected by cleaning the air strainer and flushing out the tool with gum solvent oil or an equal mixture of SAE#10 oil and kerosene. If outside conditions are in order and tool is out-of-warranty, disconnect tool from hose, disassemble tool, replace worn or damaged parts, clean, reassemble, and re-lubricate, or take tool to any air tool service center. For tools in warranty period, send tool direct to *Warranty Center*.

**K TOOL**  
INTERNATIONAL

**5" HIGH SPEED  
SANDER  
KTI-85265**



Ref. #	Part #	Description
1	832125	Handle
2	729455	Air Inlet Bushing
3	729863	Regulator
4	1010043	O-Ring Regulator
5	729006	Dowel Pin-Regulator
6	729439	Trigger
7	729006	Spring Pin-Trigger
8	1001391	Air Intake Steel Ball
9	729869	Spring-Valve Stem
10	832126	Valve Stem
11	731019	Rotor
12	1005478	Bearing
13	832127	Spacer
14	731017	Rear End Plate
15	731018	Cylinder
16	731020	Vanes
17	731022	Cylinder Housing
18	729832	Housing Lock Ring
19	832128	Bushing-Front End
20	832129	Front End Plate
21	729728	Sanding Adaptor
22	729727	Adaptor Lock Down
23	729726	Holding Tool
24	85006	Backing 3" Pad Backing 4-1/2" Pad Backing 5-1/2" Pad } (3 PCS. IN A SET)

## Notice

90% of all Air Tool problems are caused by  
moisture in air lines

**This problem can be avoided by using Air Tool Lubricant  
(See "Lubrication" & "Air Supply" sections of this manual)  
FAILURE TO OIL can void your warranty**

D/3



## 5" HIGH SPEED SANDER KTI-85265

Operating Instructions, Parts List,  
Warranty, & Warranty Repair Center

**IMPORTANT!** Read carefully before operating this tool. Failure to operate any power tool properly can result in personal injury and/or property damage!

### SPECIFICATIONS

Variable Speed (RPM) .....	18000	Motor (H.P.) .....	1/2
Air Pressure (PSI) .....	90	Avg. Air Consump.(cfm) .....	6
Hose Size (ID) .....	3/8"	Length .....	6"
Air Inlet (NPT) .....	1/4"	Shipping Wt. (LBS) .....	3-1/2
Pad Size .....	3, 4-1/2, & 5-1/2"		

### Safety

1. Never use grinding wheels or cutoff wheels with this tool. Only use for sanding. Anything other than sanding could cause serious injury. When using the 5" pad always use the 3" & 4-1/2" backing pads behind the 5-1/2" pad.
2. Never take any risks with your eyes. Always wear approved eye protection.
3. Use dust mask. It is advisable, when sanding for extended periods of time, to wear a protective mask. This will help prevent breathing in the fine dust created while sanding.
4. Have throttle in "off" position when connecting to air supply.
5. Disconnect tool before performing service, changing accessories, or when not in use.
6. Always use tool a safe distance from other people in work area.
7. Keep tool away from body when it is running. Do not wear loose or ill fitting clothing; remove watches and rings.
8. Secure work with clamps or vise so both hands are free to operate tool. Don't overreach. Keep proper footing and balance at all times.
9. Use proper hose and fitting. Never use quick change couplings attached at tool. They add weight and could fail due to vibration. Instead, add a hose whip and connect coupling between air supply and hose whip, or between hose whip and leader hose.
10. Maintain tools with care. Keep tools clean and oiled for best and safest performance. Follow instructions for lubricating and changing accessories. Wiping or cleaning rags and other flammable waste materials must be placed in a tightly closed metal container and disposed of later in the proper fashion.
11. Make sure the RPM rating of the replacement pads correspond with the manufacturer's recommended speed of the tool. *Over-speeding* an accessory is dangerous.

### Lubrication

Lubricate the tool daily with a good grade of air tool oil. If no air line oiler is used, run a teaspoon of oil through the tool. The oil can be squirted into the tool air inlet or into the hose at the nearest connection to the air supply, then run the tool. A rust inhibitive oil such as "Marvel Mystery" oil is acceptable for air tools.