SUMAKE®

CE

PNEUMATIC TOOLS

5” HIGH SPEED SANDER

ST-7712

SPECIFICATION

Free Speed (rpm)	18000
Sanding Pad (inch / mm)	1/4” (5555A- 3/8”)
Spindle Thread	7/16” - 20 NF
Air Consumption (cfm)	6
Air Hose	3/8”
Air Inlet	1/4”
Overall Length (mm)	127
Air Pressure (bar)	6.3
Net Weight (kg)	0.97

Test results according to EN 792-8

Vibration EN 28662-1 ISO 8662-8	**Noise** ISO 3746:1995(E)	**Remark**
No-load: 0.6 m/s^2	Sound pressure level 98 dB	Should wear an approved ear - protector and gloves while operating tool.
	Sound power level 110 dB	
	Instantaneous sound pressure 111 dB	

EC DECLARATION OF CONFORMITY FOR MACHINERY

Manufacturer: SUMAKE INDUSTRIAL CO.,LTD.

Address: 4F,-NO. 351, YANGGUANG ST., NEIHU DISTRICT
TAIPEI CITY 114, TAIWAN

herewith declares that: **5” High Speed Sander**
ST-7712

- is in conformity with the provisions of the Machinery Directive (Directive 89/392/EEC), as amended, and with national implementing legislation:

-and have been tested according to: prEN 792...(relevant part)

Taipei,Taiwan Oct / 10 / 1997

.....
Signature

MIKE SU
.....
Full name

Foreword

Sumake is a manufacturer and exporter of air tools since established. We have devote all our effort in improving quality and tools life. As well as the noise and vibration of tools. Bring all of your working efficiency, profits and enjoy using the tool is our principle.

Features

- Finishing of flat wide surfaces
- It cause no dust for its accessory dust collector
- The grinding speed can be freely adjusted by raising or lowing the lever according to the application
- Rear exhaust eliminates flying dust nad noise

Operator's instruction

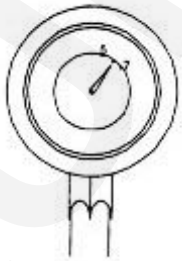
Main Applications

Durability, versatility and power make this high-speed sander excelent for paint removal, shaping filler patches, weld smoothing and rust removal. Ability to precisely control speed makes tool useful for a variety of surface conditions and contours.

Cautions for Use

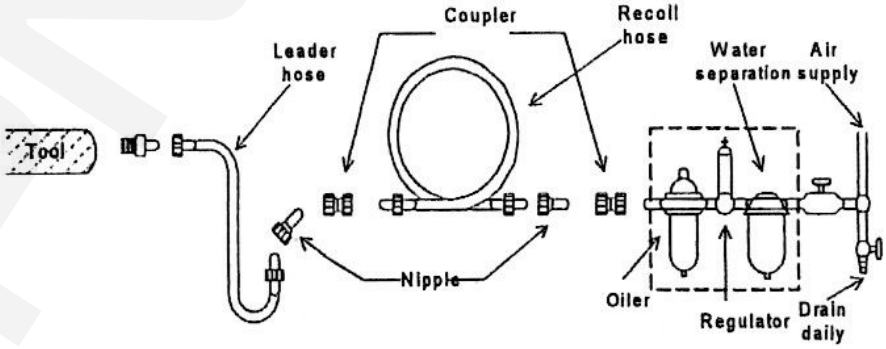
- Air pressure

  Maximum performance is displayed at the proper sanding speed, obtainable at a gauge pressure of 6.2 bar. Range-wise, this is an air pressure from 5 to 7 bar (70 to 100 psi)



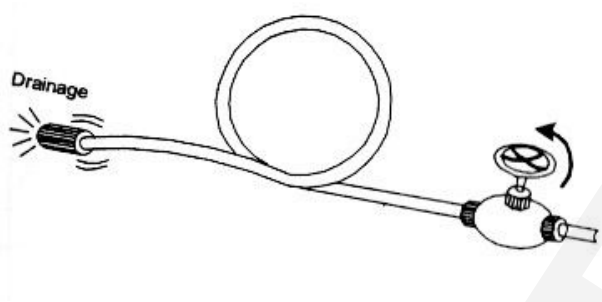
- Air line

  Use a 3/4" air hose between the compressor and the tool. Compressed air is cooled and its water content separated, as soon as the air leaves the compressor. A portion of the water content, however, is condensed in the piping, and can enter the tool mechanism, and may cause trouble. So, install an air filter and on oiler between the compressor and the tool. Use a 3HP or larger compressor.



- 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 25 ft), the line pressure should be increased accordingly.



- Sandpaper

  The specification of sandpaper ranges from #40 to #200. Also note that, the maximum operating speed which the sanpaper can afford shall be higher than the rotation speed of this tool
- The approved eye protector, ear-muff, mouth-muffle, and gloves shall be worn when operate this tool.
- The working place shall be ventilative.
- Release the on-off device in the case of energy supply failure.

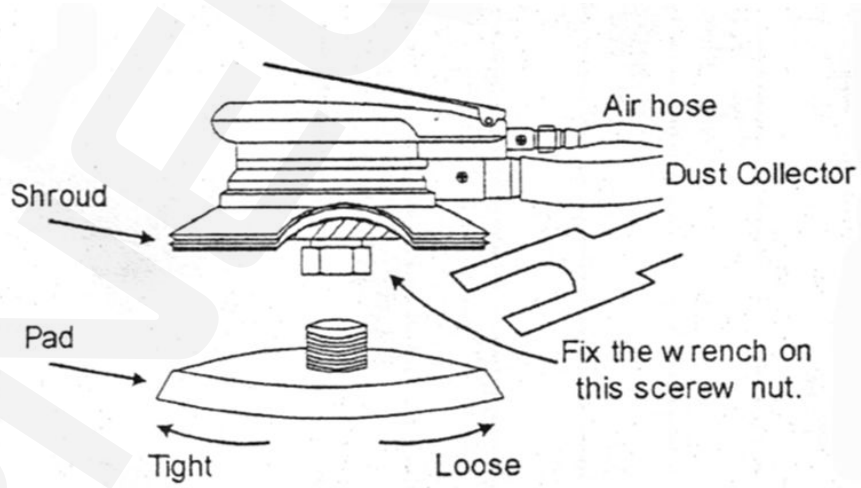
Operation Method

- On-off device

  The on-off device is on the top of this tool. It is a "hold-to-run" type. You can also adjusting the running speed by raising or lowering the lever. This tool stops rotation within few sec, after releasing the lever. For the sake of safety, place it on a level plate or on hanger after it completely stops.

- Sand Pad

  If the sanding pad is no longer adhesive, you should change to a new one. To change for it, turn up the shroud and insert the supplied wrench to fix the screw bolt in the central then turn the pad as shown in the illustration below



Maintenance

- Lubrication

  Before connecting the hose, apply 4 or 5 drops of #60 spindle oil at the air inlet. Use of a thicker oil can lead to reduced performance or malfunction. If a thicker oil is used by accident, wash it away immediately. Also, every 3 or 4 hours of operation, oiling is necessary.

- Storage

  Avoid storing the tool in a location subject 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 short time.

- Disposal

  If the tool is too seriously damaged to be used any more, drop it in a resource recycling can. Never drop it into fire.

- Ordering service Parts

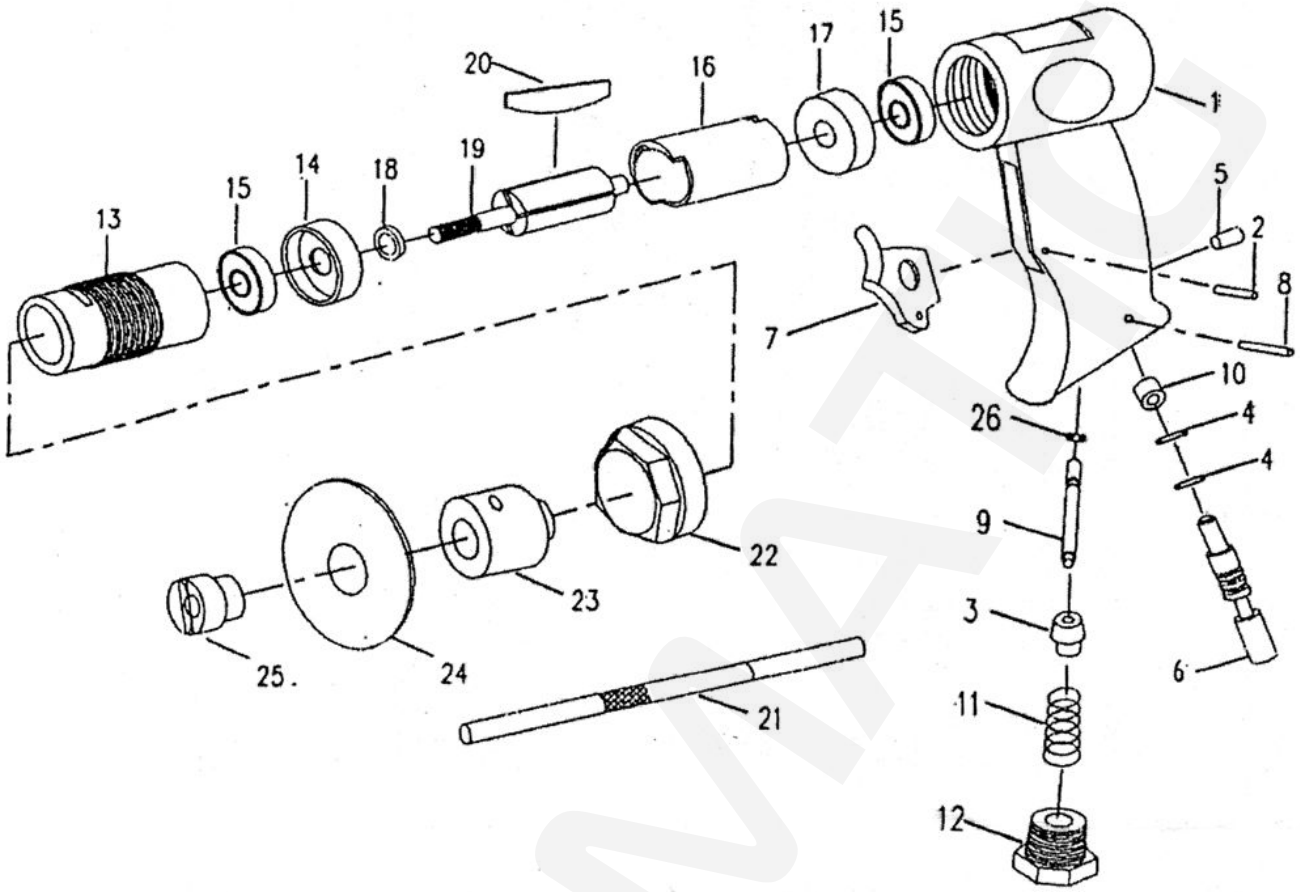
  For further operational and handling information or of replacement of parts and components, contact the sale agent from whom you purchased the tool or the service division of our company.

  ** In ordering parts and components, give each part number, name and quantity.*

Warning

- This tool is non insulted for coming into contact with electric power source.
- It is forbidden to use this tool in explosive atmospheres and do not put any combustible material near the workpiece since it emit sparks when grind with metal material
- Prevent long hair or loose clothing from drawing in while operate this tool.
- Never carry the tool by hose and beware of a whipping compressed air hose
- Rotating action can cause this tool to become hot. Allow to cool and disconnect air hose before any changing or adjusting
- It is not designed for wax polish.

ST-7712 5" HIGH SPEED AIR SANDER



PARTS LIST

No.	Parts No.	Description	Q'ty
1	7712C-01	Housing	1
2	7712C-02	Pin	1
3	7712C-03	Air Valve	1
4	7712C-04	O-Ring	2
5	7712C-05	Rivet	1
6	7712C-06	Air Regulator	1
7	7712C-07	Trigger	1
8	7712C-08	Pin	1
9	7712C-09	Valve Stem	1
10	7712C-10	Lock Pin	1
11	7712C-11	Spring	1
12	7712C-12	Air Inlet	1
13	7712C-13	Cylinder Housing	1
14	7712C-14	Front End Plate	1

No.	Parts No.	Description	Q'ty
15	7712C-15	Bearing	2
16	7712C-16	Cylinder	1
17	7712C-17	End Plate	1
18	7712C-18	Washer	1
19	7712C-19	Rotor	1
20	7712C-20	Rotor Blade	4
21	7712C-21	Wrench	1
22	7712C-22	Nut	1
23	7712C-23	Sanding Adapter	1
24	7712C-24A	Backing 3 -1/2” Plate	1
	7712C-24B	Backing 4 -1/2” Plate	1
	7712C-24C	Backing 5 -1/2” Plate	1
25	7712C-25	Adaptor Lock Down	1
26	7712C-26	O-Ring	1