RHINOMOTIVE®

PISTOL GRIP SANDER

PN: R1118

USER MANUAL

WARRANTY 1 YEAR WARRANTY

CERTIFIED ISO 9001:2015 COMPANY

SATISFACTION 100% Quality PRODUCT GUARANTEED

Scan QR Code

MADE IN TAIWAN

1. TECHNICAL SPECIFICATION

FREE SPEED	17,000 R/MIN
Sanding Pad	3” (76 mm)
Spindle Thread	1/4”-20T
Air Consumption	12 CFM (340 L/min)
Overall Length	5-2/3” (145 mm)
Air Inlet	1/4” (6.35 mm)
Air Hose	3/8” (10 mm)
Air Pressure	90 psi (6.3 bar)
Net Weight	1.5 lbs (0.7 kg)

2. NOISE AND VIBRATION

VIBRATION EN ISO 28927-3	NOISE EN ISO 15744	REMARK
No-Load: 2.8 m/s^2 Uncertainty K= 1.5 m/s^2	Sound Pressure Level No load: 77 dB(A)	Please always wear ear protector at environment noise level > 80 dB(A) due to risk of impaired hearing!
	Sound power level No load: 88 dB(A)	
	Uncertainty K= 3dB	

3. FEATURES

- Designed specifically for grinding and surface preparation
- Ideal for paint stripping and weld clean-up
- Combination of power, speed, and comfort
- Pistol-grip handle makes it excellent for use in tight spaces
- Absorbs vibration and makes the sander extremely easy to use
- Variable speed control trigger helps reduce rework

4. OPERATOR'S INSTRUCTION

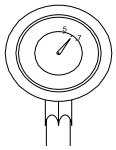
4.1 MAIN APPLICATIONS

Durability, versatility and power make this high-speed sander excellent 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.

5. CAUTIONS FOR USE

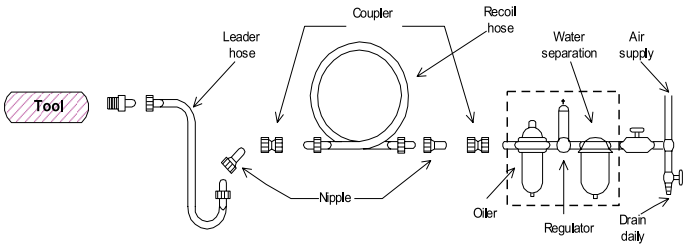
5.1 AIR PRESSURE

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)



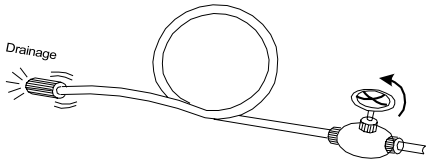
5.2. AIR LINE

Use a 3/8" 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.



5.3. 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 25 ft), the line pressure should be increased accordingly.



5.4. SANDPAPER

The specification of sandpaper ranges from #40 to #200. Also note that, the maximum operating speed which the sandpaper can afford shall be higher than the rotation speed of this tool.

5.5 SAFETY

The approved eye protector, earmuff, mouth-muffle, and gloves shall be worn when operating this tool.

5.6 WORKING PLACE

The working place shall be ventilative.

5.7 SUPPLY

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

6. OPERATION, ADJUSTING AND REPLACING METHOD

6.1. ON-OFF DEVICE

The on-off device is on the top of this tool. It is a “hold-to-run” type. You can also adjust the running speed by raising or lowering the lever. This tool stops rotation within few sec, after releasing the lever. For safety, put it on a soft cloth or on hanger after it completely stops.

6.2. SAND PAD

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

7. MAINTENANCE

7.1. 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.

7.2. 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 a short time.

7.3. DISPOSAL

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

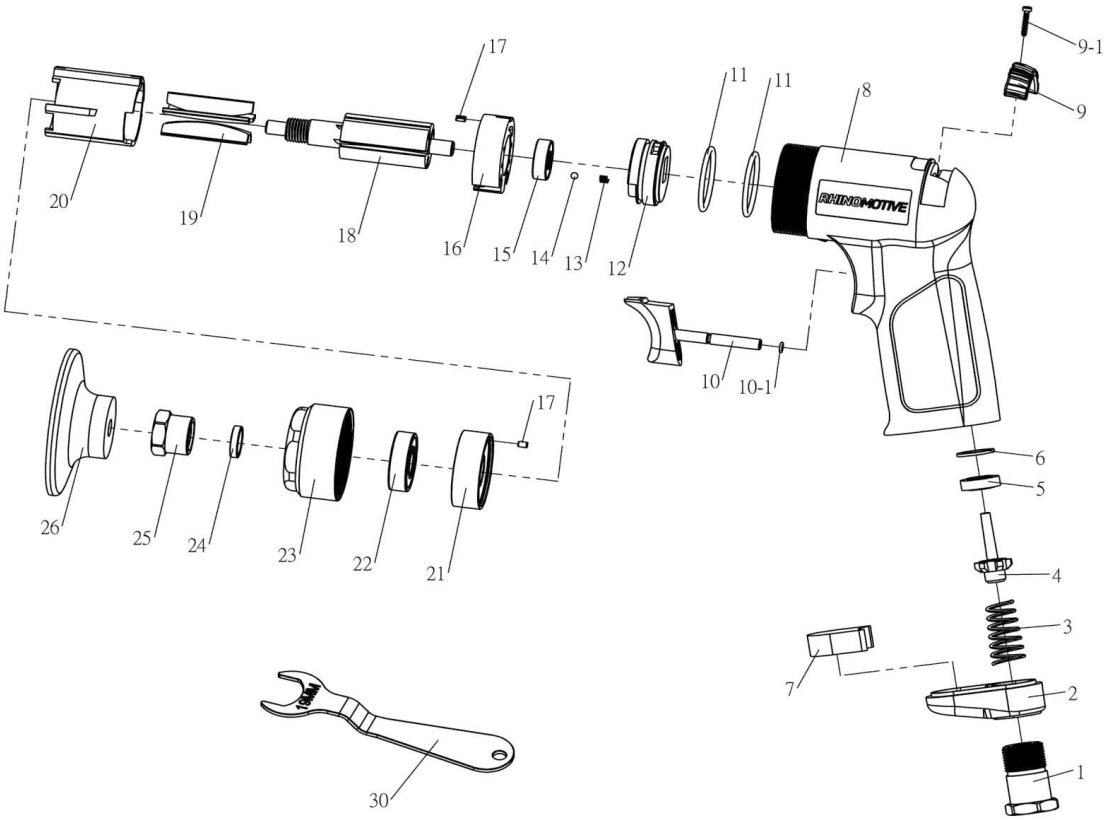
7.4. ORDERING SERVICE PARTS

For further operational and handling information or for 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.

8. WARNING

- This tool is not insolated 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 emits 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.



9. PARTS LIST

NO.	DESCRIPTION	QTY
1	Inlet Bushing	1
2	Deflector	1
3	Valve Spring	1
4	Valve	1
5	Valve Seat	1
6	Spacer	1
7	Silencer	1
8	Composite Housing	1
9	Reverse Valve Lever	1
9-1	Taping Screw (<P2.3x12L)	1
10	Trigger	1
10-1	O-Ring (3x1)	1
11	O-Ring (27x2)	2
12	Valve Body	1
13	Spring	1

NO.	DESCRIPTION	QTY
14	Detent Ball	1
15	Ball Bearing	1
16	Rear Plate	1
17	Spring Pin	2
18	Rotor	1
19	Rotor Blade	5
20	Cylinder	1
21	Front Plate	1
22	Ball Bearing	1
23	Front Housing	1
24	Anvil Bushing	1
25	Spndle Nut	1
26	3" Pad [ST-C122]	1
	2" Pad [Opt.]	1
27	Wrench (19mm)	1