

# Operator's Manual



## **CP7269 Series** **Sander and Polisher**



### **⚠ WARNING**

*To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions before performing any such task.*

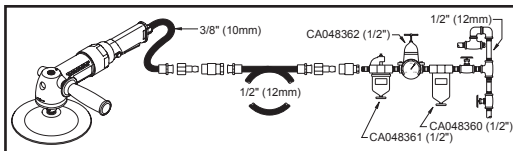
## INSTRUCTION MANUAL

### Machine Type:

Power tool equipped with a flexible disc fitted with a polishing pad for buffing and polishing - No other use is permitted

### Air Supply Requirements

1. Supply tool with 90 psig (6.3 bar) of clean, dry air. Higher pressure drastically reduces tool life.
2. Connect tool to air line using pipe, hose and fitting sizes shown in the diagram below.
3. Do not install a quick coupler directly into the sander throttle handle.



### Lubrication

Use an air line lubricator with SAE #10 oil, adjusted to two drops per minute. If an air line lubricator cannot be used, add air motor oil to the inlet once a day.

### Maintenance

1. Disassemble and inspect tool every three months if the tool is used every day. Replace damaged or worn parts.
2. High wear parts are underlined in the parts list.
3. To keep downtime to a minimum, the following service kits are recommended: **Tune-Up Kit:** 8940167963 (Incl: 12, 13, 16, 23, 25, 26, 32, 35)

### Technical Data

Buff disc diameter: 7 in. (177.8 mm)  
Free speed; Sander 5000 RPM, Polisher 2600 RPM  
Air pressure 90 psi (6.3 bar)  
Air consumption; Sander 756 l/min, Polisher 708 l/min  
Spindle size: 5/8 in. – 11

### Original Instructions

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### Noise & Vibration Declaration\*

Sound pressure level 87 dB(A), uncertainty 3 dB(A), in accordance with EN ISO 15744. For sound power, add 11 dB(A).

Vibration value < 2.5 m/s<sup>2</sup>, re. ISO 28927-3.

#### Declaration of noise and vibration emission

All values are current as of the date of this publication. These declared values were obtained by laboratory type testing in accordance with the stated standards and are suitable for comparison with the declared values of other tools tested in accordance with the same standards. These declared values are not adequate for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, the workpiece and the workstation design, as well upon the exposure time and the physical condition of the user. We, Chicago Pneumatic, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

We recommend a programme of health surveillance to detect early symptoms which may relate to noise or vibration exposure, so that management procedures can be modified to help prevent future impairment.

### **WARNING**

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# SAFETY INSTRUCTIONS

## • DO NOT DISCARD - GIVE TO USER

- Our goal is to produce tools that help you work safely and efficiently. The most important safety device for this or any tool is YOU. Your care and good judgement are the best protection against injury. All possible hazards cannot be covered here, but we have tried to highlight some of the important ones.
- Only qualified and trained operators should install, adjust or use this power tool.
- This tool and its accessories must not be modified in any way.
- Do not use this tool if it has been damaged.
- If the rated speed, operating pressure or hazard warning signs on the tool cease to be legible or become detached, replace without delay.

### ▲ Air supply and connection hazards

- Air under pressure can cause severe injury.
- Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
- Never direct air at yourself or anyone else.
- Whipping hoses can cause severe injury. Always check for damaged or loose hoses and fittings.
- Do not use quick disconnect couplings at tool. See instructions for correct set up.
- Whenever universal twist couplings are used, lock pins must be installed.
- Do not exceed maximum air pressure of 6.3 bar / 90 psig, or as stated on tool nameplate.

### ▲ Entanglement hazards

- Keep away from moving sand pad. Note that the abrasive will continue to run after the start valve has closed; for dual action sanders, this can last several seconds.
- Choking, scalping and / or lacerations can occur if loose clothing, gloves, jewellery, neck ware and hair are not kept away from tool and accessories.

### ▲ Projectile hazards

- Failure of the accessory or abrasive, or of the workpiece, can generate high-velocity projectiles. Even small projectiles can injure eyes and cause blindness.
- Always wear impact-resistant eye and face protection when involved with or near the operation, repair or maintenance of the tool or changing accessories on the tool.
- Be sure all others in the area are wearing impact-resistant eye and face protection
- Daily measure the speed of a rotary sander or polisher with a tachometer to make sure that it is not greater than the RPM marked on the backing pad, drum or abrasive.
- Ensure that the backing pad / abrasive is securely clamped to the sander using the tools provided.

- Ensure that the workpiece is securely fixed.

### ▲ Accessory hazards

- Always shut off air supply, relieve hose of air pressure and disconnect tool from air supply when changing accessories.
- Use only recommended sizes and types of accessories and consumables.
- Never use a backing pad, drum or abrasive with a permitted speed lower than the air sander speed.
- Never mount a grinding or cutting-off wheel on a sander. A grinding wheel that bursts can cause very serious injury or death when not properly guarded.
- Use only coated abrasive sanding discs or sheets properly secured to the backing pad provided with the air sander. Ensure that self-fixing sanding discs are mounted concentrically.

### ▲ Operating hazards

- Operators and maintenance personnel must be physically able to handle the bulk, weight and power of the tool.
- Hold the tool correctly: be ready to counteract normal or sudden movements – have both hands available.
- You can be cut, pinched or burned if you come into contact with the sanding pad, abrasive or the work surface. Avoid contact and wear suitable gloves to protect hands.
- Inspect backing pad before each use. Do not use if cracked or broken, or if it has been dropped.
- Never run the tool unless the abrasive is applied to the workpiece.
- There is a risk of electrostatic discharge if used on plastic and other non-conductive materials.
- When using a tool that is designed to have a guard, the guard should be in place to offer protection from grinding swarf and other debris.

### ▲ Repetitive motion hazards

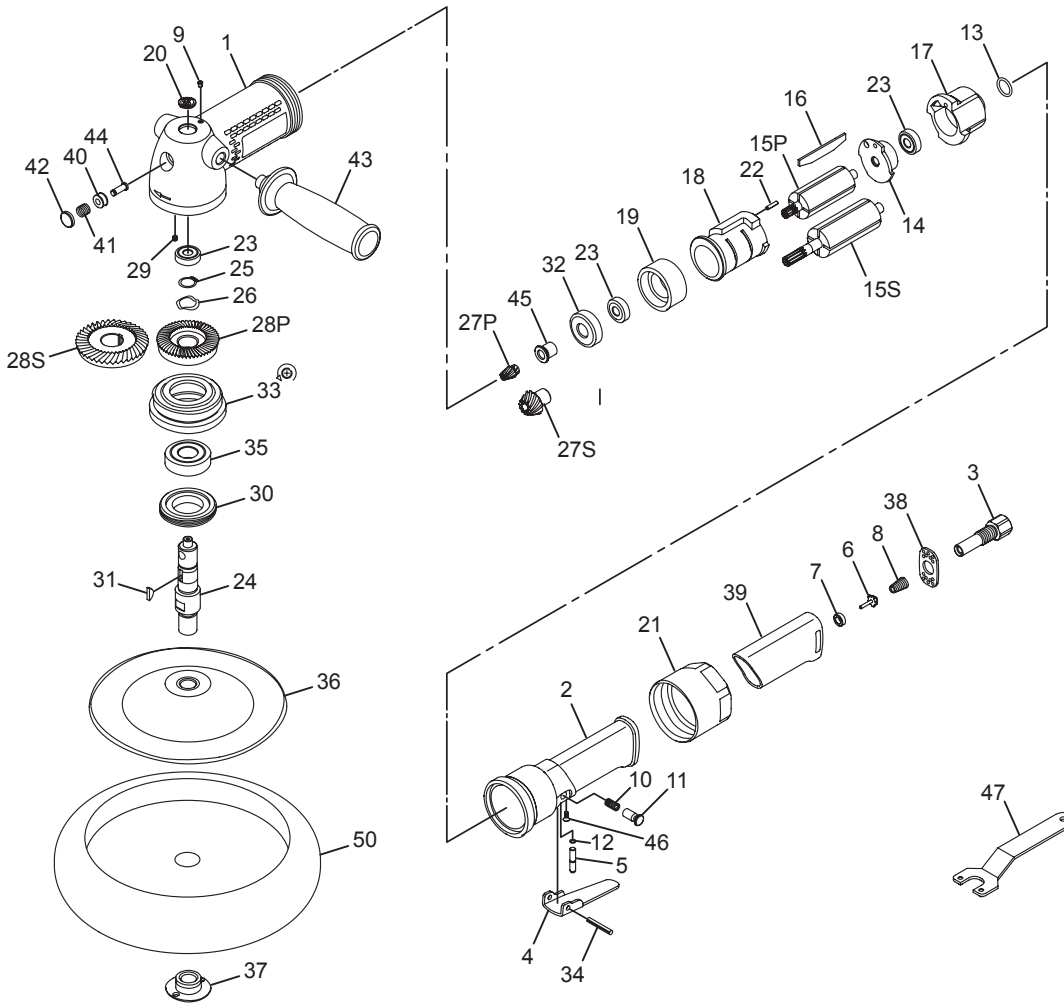
- When using a power tool to perform work-related activities, the operator might experience discomfort in the hands, arms, shoulders, neck, or other parts of the body.
- Adopt a comfortable posture whilst maintaining secure footing and avoiding awkward or off-balance postures. Changing posture during extended tasks can help avoid discomfort and fatigue.
- Do not ignore symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensation, or stiffness. Stop using the tool, tell your employer and consult a physician.

### ▲ Noise and vibration hazards

- High sound levels can cause permanent hearing loss and other problems such as tinnitus. Use hearing protection as recommended by your employer or occupational health and safety regulations.
- Exposure to vibration can cause disabling damage to the nerves and blood supply of the hands and arms. Wear warm clothing and keep your hands warm and dry. If numbness, tingling, pain or whitening of the skin occurs, stop using tool, tell your employer and consult a physician.
- Hold the tool in a light but safe grip because the risk from vibration is generally greater when the grip force is higher. Where possible support the weight of the tool with a balancer.
- To prevent unnecessary increases in noise and vibration levels:
  - Operate and maintain the tool, and select, maintain and replace the accessories and consumables, in accordance with this instruction manual;
  - Use damping materials to prevent workpieces from "ringing".

### Workplace hazards

- Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work surface.
- Avoid inhaling dust or fumes or handling debris from the work process which can cause ill health (for example, cancer, birth defects, asthma and/or dermatitis). Use dust extraction and wear respiratory protective equipment when working with materials which produce airborne particles.
- Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Some examples of these chemicals are:
  - Lead from lead based paints
  - Crystalline silica bricks and cement and other masonry products
  - Arsenic and chromium from chemically-treated rubber
- Your risk from these exposures varies, depending on how often you do this type of work.
- To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.
- Proceed with care in unfamiliar surroundings. Hidden hazards may exist, such as electricity or other utility lines.
- Potentially explosive atmospheres can be caused by dust and fumes resulting from sanding or grinding. Always use dust extraction or suppression systems which are suitable for the material being processed.
- This tool is not intended for use in potentially explosive atmospheres and is not insulated from coming into contact with electric power.



Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
<b>A</b>	<b>8940168380</b>	<b>Motor Housing Assembly</b>		<b>E</b>	<b>8940168384</b>	<b>Gear Kit Polisher</b>	
1		Motor Housing	1	27P		Pinion Gear Polisher	1
9	8940167973	Oil Cap	1	28P		Bevel Gear Polisher	1
20		CP Logo Ring	1	45		Bushing Polisher	1
<b>A1</b>	<b>8940168377</b>	<b>Lock Off Trigger Kit</b>		21	8940167982	Nut	1
40		Bushing	1	24	8940167983	Spindle	1
41		Spring	1	30	8940167990	Nut	1
42		Press Button	1	31	2050484843	Key	1
44		Shaft	1	36	2050530693	Back Disc	1
29	8940167989	Set Screw	1	37	2050530733	Disc Nut	1
<b>B</b>	<b>8940168381</b>	<b>Motor Kit</b>		43	2050524063	Handle	1
14	8940167977	End Plate	1	47	2050486673	Pin Wrench	1
17		Inlet Guide	1	50	2050531233	Bonnet	1
18		Cylinder	1	33	8940167991	Spindle Cap	1
19	2050484743	Front End Plate	1	15S	8940167978	Rotor Sander	1
22		Spring Pin (3x12L)	1	15P	8940167979	Rotor Polisher	1
<b>C</b>	<b>8940168382</b>	<b>Handle Assembly</b>			2050468093	Warning Label	1
2		Valve Housing	1		<b>8940167963</b>	<b>Tune-Up Kit</b>	
38		Exhaust Diffuser	1	12		O-Ring (3x1)	1
3		Air Inlet	1	13		O-Ring (13.8x2)	1
39		Rubber Grip	1	16	<u>2050484723</u>	Rotor Blade (Set of 4)	1
<b>C1</b>	<b>8940168378</b>	<b>Throttle Assembly</b>		23	<u>2050486823</u>	Ball Bearing (608ZZ)	3
4		Throttle Lever	1	25		Retaining Ring	1
5		Valve Pin	1	26	<u>2050501143</u>	Spring Washer	1
10		Spring	1	32	<u>2050486953</u>	Ball Bearing (6201Z)	1
11		Safe Lever	1	35	<u>8940167993</u>	Ball Bearing	1
12		O-Ring (3x1)	1				
34		Spring Pin	1				
46		Screw	1				
<b>C2</b>	<b>8940168379</b>	<b>Valve Assembly</b>					
6		Valve	1				
7		Valve Seat	1				
8		Spring	1				
<b>D</b>	<b>8940168383</b>	<b>Gear Kit Sander</b>					
27S		Pinion Gear Sander	1				
28S		Bevel Gear Sander	1				



8940167948	OPERATOR'S MANUAL
6159948770	SAFETY INSTRUCTIONS
8940168305	EC DECLARATION CP7269S
8940168306	EC DECLARATION CP7269P

- (4) declare that the product(s): **PNEUMATIC POLISHER**  
(5) Machine type(s) :

<p style="text-align: center;"><b>CP7265P, CP7269P</b></p> <p style="text-align: center;"><b>C-00501-</b> <table border="1"><tr><td style="text-align: center;"><b>2010</b></td></tr></table></p> <p style="text-align: center;">Stick here (14) Or higher</p>	<b>2010</b>
<b>2010</b>	

- (6) Origin of the product : Taiwan
- (7) is in conformity with the requirements of the council Directives on the approximation of the laws of the Member States relating :
- (8) to **"Machinery"** 2006/42/EC (17/05/2006)
- (11) applicable harmonised standard(s) : EN792-8
- (12) NAME and POSITION of issuer : **B.BLANCHET  
( General Manager)**
- (13) Place & Date : Saint-Herblain, **11/01/2010**

