



Chicago Pneumatic

1800 Overview Drive • Rock Hill SC • 29730 USA

CP777 Orbital Sander

Model A
CA156587 Rev. C

INSTRUCTION MANUAL

Air Supply Requirements

1. Supply tool with 90 psig (6.2 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 on page 12.
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.

Noise & Vibration Declaration*

Sound pressure level 97 dB(A) in accordance with Pneurolp 8N-1. For sound power, add 10 dB(A).
Vibration value 9.0 m/s², re. ISO 8662-1.

Maintenance

1. Disassemble and inspect air motor and orbital assembly 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.

*These declared values were obtained by laboratory type testing in compliance with the stated standards and are not adequate for use in risk assessments. Values measured in individual work places may be higher than the declared values. 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 as 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.



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.

The goal of Chicago Pneumatic 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 judgment are the best protection against injury. All possible hazards cannot be covered here, but we have tried to highlight some of the important ones.

For Additional Safety Information Consult:

- ▲ Your employer, union and/or trade association.
- ▲ US Department of Labor (OSHA); www.osha.gov; Council of the European Communities europe.osha.eu.int
- ▲ Safety Code for Portable Air Tools (B186.1) and Safety Requirements for Abrading Materials with Coated Abrasives (B7.1) available from: www.ansi.org
- ▲ Safety Requirement for Hand-Held Non-Electric Power Tools available from: European Committee for Standardization, www.cenorm.be

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 serious injury. Always check for damaged or loose hoses and fittings.
- ▲ Do not use quick disconnect couplings at tool. See instructions for correct setup.
- ▲ Whenever universal twist couplings are used, lock pins must be installed.
- ▲ Do not exceed maximum air pressure of 90 psi/6.2 bar or as stated on tool nameplate.

Projectile Hazards

- ▲ 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.
- ▲ Even small projectiles can injure eyes and cause blindness.

Entanglement Hazards

- ▲ Keep away from moving sand pad.
- ▲ Do not wear jewelry or loose clothing.
- ▲ Scalping can occur if hair is not kept away from the tool and accessories.

EC DECLARATION OF CONFORMITY

We, Chicago Pneumatic Tool Company, 1800 Overview Drive, Rock Hill, SC 29730 USA, declare under our sole responsibility that the product to which this declaration relates, is in conformity with the requirements of the Council Directive of June 1989 on the approximation of the laws of the Member States relating to machinery (89/392/EEC).

Machine Name CP777 Orbital Sander

Machine Type Power tool equipped with flexible disc fitted with abrasive paper for sanding - No other use is permitted.

Serial No. Tools with No. 94200A or higher

Technical Data

Pad diameter 8 in. (203 mm)

Free speed 900 RPM

Air pressure 90 psi (6.2 bar)

Harmonized Standards Applied EN292

National Standards Applied ISO 8662-1, Pneurolp 8N-1

Name and Position of Issuer W. A. LeNeveu, President, Chicago Pneumatic Tool Company

Signature of Issuer

Place and Date of Issue Utica, NY 13501 USA, July 31, 1994

MANUFACTURER'S LIMITED WARRANTY

Limited Warranty: The "Products" of the Chicago Pneumatic Tool Company ("CP") are warranted to be free from defects in material and workmanship for one year from the date of purchase. This Warranty applies only to Products purchased new from CP or its authorized dealers. Of course, this Warranty does not apply to products which have been abused, misused, modified, or repaired by someone other than CP or its Authorized Service Representatives. If a CP Product proves defective in material or workmanship within one year after purchase, return it to any CP Factory Service Center or Authorized Service Center for CP tools, transportation prepaid, enclosing your name and address, adequate proof of date of purchase, and a short description of the defect. CP will, at its option, repair or replace defective Products free of charge. Repairs or replacements are warranted as described above for the remainder of the original warranty period. CP's sole liability and your exclusive remedy under this Warranty is limited to repair or replacement of the defective Product. (There Are No Other Warranties Expressed Or Implied And CP Shall Not Be Liable For Incidental, Consequential, Or Special Damages, Or Any Other Damages, Costs Or Expenses Excepting Only The Cost Or Expense Of Repair Or Replacement As Described Above.)

SAFETY INSTRUCTIONS

- ▲ Choking can occur if neckwear is not kept away from the tool and accessories.

Operating Hazards

- ▲ Never mount a grinding 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.
- ▲ Inspect backing pad before each use. Do not use if cracked or damaged.
- ▲ Avoid direct contact with moving sanding pad to prevent pinching or cutting of hands or other body parts. Wear gloves to protect hands.
- ▲ Operators and maintenance personnel must be physically able to handle the power of the tool and capable of performing the job task.
- ▲ When using a tool that is designed to have a guard, the guard should be in place to offer protection from grinding swarf or flying debris.

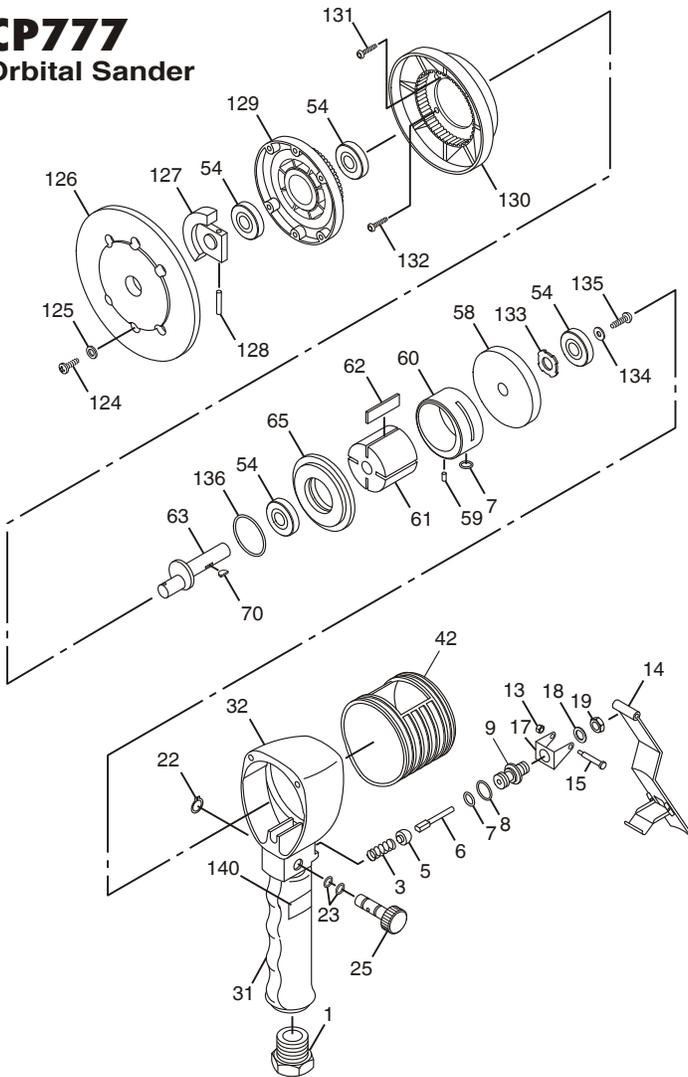
Workplace Hazards

- ▲ Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work surface.
- ▲ Maintain a balanced body position and secure footing.
- ▲ High sound levels can cause permanent hearing loss. Use hearing protection as recommended by your employer or OSHA regulation (see 29 CFR part 1910).
- ▲ Repetitive work motions, awkward positions and exposure to vibration can be harmful to hands and arms. If numbness, tingling, pain or whitening of the skin occurs, stop using tool and consult a physician.
- ▲ Avoid inhaling dust or handling debris from the work process which can be harmful to your health. Use dust extraction and wear respiratory protective equipment when working with materials which produce airborne particles.
- ▲ This tool is not intended for use in explosive atmospheres and is not insulated for contact with electric power sources.
- ▲ 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
 - And Arsenic and chromium from chemically-treated rubber

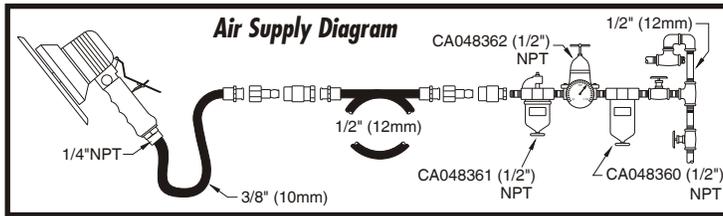
Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

DO NOT DISCARD - GIVE TO USER

CP777 Orbital Sander



Index No.	Part No.	Description	No. Req'd.
1	KF129003	Bushing-Air Inlet	1
3	A088212	Spring-Throttle Valve	1
5	KF124233	Valve-Throttle	1
6	KF124235	Stem-Throttle Valve	1
7	P083071	O-Ring (-011)	2
8	A082777	O-Ring (-012)	1
9	KF124261	Body-Throttle Valve	1
13	KF124262	Nut-Hex	1
14	KF140612	Lever-Throttle	1
15	KF124264	Screw-Hinge	1
17	KF124265	Bracket-Mounting	1
18	P006600	Lockwasher	1
19	KF124267	Nut-Hex	1
22	S082840	Ring-Retaining	1
23	C079489	O-Ring (-008)	2
25	KF129006	Valve-Speed Regulator	1
31	KF129004	Cover-Handle (Shrink Tubing)	1
32	KF124275	Housing-Motor (Incl: Index No.31)	1
42	KF134269	Cover-Housing	1
54	S025055	Bearing-Ball	4
58	KF124280	Plate- End	1
59	KF135244	Dowel-Liner	1
60	KF135242	Liner (Incl: Index No. 59)	1
61	KF124283	Body-Rotor	1
62	KF138241	Blade Set-Rotor (4 Blades)	1
63	KF140289	Shaft-Rotor	1
65	KF134259	Plate-Lower End	1
70	KF125161	Key	1
124	KF134267	Screw-Thread Tapping	6
125	P105327	Lockwasher	6
126	KF134254	Pad-P.S.A. Sanding	1
127	KF134256	Weight-Balance	1
128	KF140291	Pin-Spirol	1
129	KF134262	Gear-Orbiting	1
130	KF134260	Gear-Internal	1
131	KF134265	Screw-Flat Head	2
132	KF134266	Screw-Flat Head	2
133	KF134253	Washer-Spring	1
134	KF134258	Washer-Retainer	1
135	KF134264	Screw-Flat	1
136	KF134268	O-Ring	1
140	CA144007	Decal-Safety Warning	1



FOR DETAILED INFORMATION ABOUT CHICAGO PNEUMATIC AIR TOOLS AND EQUIPMENT CONTACT:

HEADQUARTERS LOCATION UNITED STATES

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