

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.

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 87 dB(A) in accordance with Pneuop 8N-1. For sound power, add 10 dB(A).
Vibration value 4.0 m/s², re. ISO 8662-1.

Maintenance

1. Disassemble and inspect parts 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" (ANSI B186.1) available from: www.ansi.org
- ▲ "Safety Requirements 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 set-up.
- ▲ 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.

Operating Hazards

- ▲ Always shut off air supply, relieve hose of air pressure and disconnect tool from air supply when changing accessories.
- ▲ Cutting with these tools will create sharp edges. Wear gloves to protect hands.

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 CP785S Shear

Machine Type Power tool used for cutting sheet metal and plastic - No other use is permitted.

Serial No. Tools with No. 94200K or higher

Technical Data

Max thickness steel .050 in. (1.3 mm)


Free speed 2400 SPM

Air pressure 90 psi (6.2 bar)

Harmonized Standards Applied EN292

National Standards Applied ISO 8662-1, Pneuop 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

- ▲ Avoid direct contact with accessory and work surface during and after work.
- ▲ Cutting edges and saw blades can become hot during use. Do not touch.
- ▲ Never force the tool to cut faster or through heavier gauge material than rated capacity.
- ▲ To prevent damage to the tool and accessory, accessory must be held firmly against work surface while cutting.

Workplace Hazards

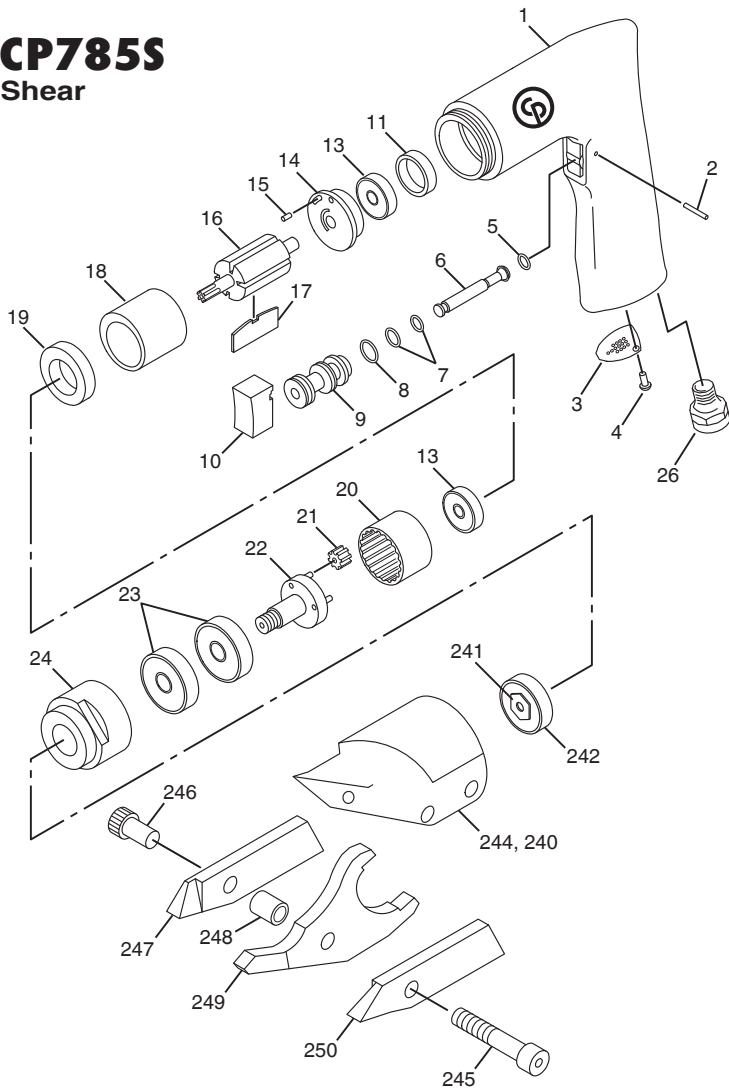
- ▲ Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work surface.
- ▲ High sound levels can cause permanent hearing loss. Use hearing protection as recommended by your employer or OSHA regulation (see 29 CFR part 1910).
- ▲ Maintain a balanced body position and secure footing.
- ▲ 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.
- ▲ Proceed with care in unfamiliar surroundings. Be aware of potential hazards created by your work activity.
- ▲ 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.

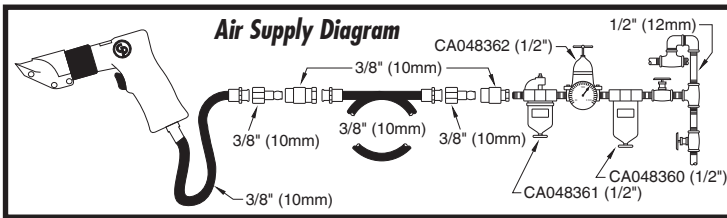
Additional Safety Topics

- ▲ This tool and its accessories must not be modified.
- ▲ This tool is not intended for use in an explosive atmosphere and is not insulated for contact with electric power sources.
- ▲ Operators and maintenance personnel must be capable of handling the power of the tool and performing the job task.
- ▲ For professional use only

CP785S Shear



Index No.	Part No.	Description	No. Req'd.
1	KF140129	Housing- Motor	1
2	KF140131	Pin	1
3	KF140132	Deflector-Exhaust	1
4	KF140133	Screw	1
5	KF125427	O-Ring-Throttle	1
6	KF140134	Stem-Valve	1
7	KF125295	O-Ring	2
8	CA083354	O-Ring-111	1
9	KF140143	Bushing-Valve	1
10	KF140135	Trigger	1
11	KF125284	Disc-Plastic	1
13	S025101	Bearing-Ball	2
14	CA148597	Plate-Rear End	1
15	KF124410	Pin-Dowel	1
16	KF140136	Rotor	1
17	KF138247	Blade-Set (4)	1
18	KF140148	Cylinder	1
19	KF140137	Plate-Front End	1
20	KF137282	Gear-Internal	1
21	KF140138	Gear-Idler	3
22	KF140139	Spindle	1
23	S014490	Bearing-Ball	2
24	KF140144	Nut-Clamp	1
26	CA091545	Bushing-Air Inlet	1
240	KF137228	Shear Head Assembly	1
241	KF139554	Nut-Eccentric	1
242	S083790	Bearing-Ball	1
244	KF139556	Housing-Cutter	1
245	KF124298	Screw-Lock	3
246	KF139558	Nut-Lock	3
247	KF139559	Blade-Left	1
248	KF139560	Spacer	2
249	KF139751	Blade-Center	1
250	KF139752	Blade-Right	1
	CA146619	Decal-Safety Warning (Not Shown)	1



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

HEADQUARTERS LOCATION UNITED STATES

Chicago Pneumatic Tool Company
Automotive Division
1800 Overview Drive
Rock Hill, SC 29730
Telephone: 1-803-817-7000
1-800-367-2442 (USA only)
Fax: 1-800-228-9096

AUSTRALIA

Atlas Copco Tools Australia
3 Bessemer Street
Blacktown • Australia
Telephone: 02-621-9482
Fax: 02-671-5915

BELGIQUE

Chicago Pneumatic Rep. Office
Avenue Sluysmans 10-4030
Liege • Belgium
Tel/Fax: 04-343 8150

BRASIL

Chicago Pneumatic Brasil
Av. Mascote 159 V. Sta. Catarina
04363-000
Sao Paulo/SP • Brasil
Telephone: (011) 562-7314
Fax: (011) 563-9208

CANADA

Chicago Pneumatic Tool Co.
Automotive Division
1800 Overview Drive
Rock Hill, SC 29730
Telephone: 1-803-817-7000
Fax: 1-800-228-9096

CENTRAL AMERICA

Contact Chicago Pneumatic/USA
for names of CP Authorized
Distributors in this area

FRANCE

Espace Lumière
Bâtiment S
57, Boulevard de la République
78403 Chatou Cédex. France
Telephone: (0) 1 30 09 60 00
Fax: (0) 1 30 71 96 70

GERMANY

Desoutter GMBH
Paul-Friedlander-Str
65203 Wiesbaden • Germany
Telephone: 49-0611-270120/22
Fax: 49-0611-270140

INDIA

Chicago Pneumatic Sales
Chemtex House, First Floor
Main Street
Hiranadani Gardens
Powai, Mumbai 400076, India
Telephone: (22)25704907
(22)25708984
Fax: (22)25705042

ITALY

Desoutter Italiana S.R.L.
Viale Della Repubblica, 65
20035 Lissone (Milano)

MEXICO

Chicago Pneumatic Tool
Company Mexico
San Francisco #223
Valle Dorado, Tlalnepanitla
C.P. 54020 • Mexico
Telephone: 525-378-0754
Fax: 525-378-0753

SOUTH AFRICA

Chicago Pneumatic Tool
Company, S.A.
20 Anvil Road
PO Box 105
Isando 1600, Transvaal
South Africa
Telephone: 011-9746761
Fax: 011-974-2324

SOUTH AMERICA

Contact Chicago Pneumatic/USA
for names of CP Authorized
Distributors in this area

SOUTHEAST ASIA

Chicago Pneumatic Tool
Company Regional Office
P.O. Box 1516
Unit 2103 - Citimark
28 Yuen Shun Circuit
Shatin
New Territories, Hong Kong
Telephone: (852) 3570963
Fax: 852-763-1875

SPAIN

Desoutter S.A.
C. Serrano, 120
28006 Madrid, Spain
Telephone: 91 590 31 52
Fax: 91 590 31 61

SWEDEN

Chicago Pneumatic
Distributor Markets
Sickla Industriväg 7
S-131 34 Nacka • Sweden
Telephone: 46 8743 9329
Fax: 46-8743 9427

UNITED KINGDOM

Chicago Pneumatic
Tool Company, Ltd.
P.O. Box 241
Eaton Road
Hemel Hempstead, Herts HP2 7DR
England
Domestic: 01442-847703/06
Export: 01442-232420/17
Fax: 01442-2847723

Visit our website:
<http://www.chicagopneumatic.com>