

Erickson Version

**CP3109-19 / CP3109-24 / CP3109-28 / CP3119-12 / CP3119-15 / CP3119-18 /
CP3119-22 / CP3109-19ES / CP3109-24ES / CP3109-28ES / CP3119-12ES /
CP3119-15ES / CP3119-18ES / CP3119-22ES / CP3119-12EL / CP3119-12EXL**

Cnomo Version

**CP3119-12 / CP3119-15 / CP3119-18 / CP3119-22 / CP3119-12ES / CP3119-
15ES / CP3119-18ES / CP3119-22ES**

Erickson Version



Cnomo Version



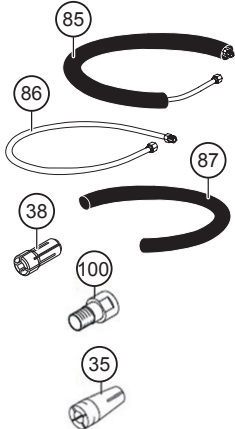
**WARNING - AVERTISSEMENT - ADVERTENCIA - WARNUNG - AVVISO -
AVISO - VAROITUS**



EN

To reduce the risk of injury, before using or servicing tool, read and understand the following information as well as separately provided safety instructions (Item number: 6159948750). The features and descriptions of our products are subject to change without prior notice.

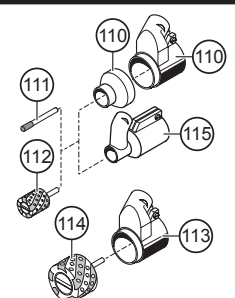
OPTIONAL ACCESSORIES

	Item	Part no	Qty	Description
	85	6153961660	1	Complete silencer kit
	86	6158702100	1	Inlet hose assembly L=67" (1.7m)
	87	6158751160	1	Reinforced cloth-lined exhaust hose L=30" (0.75m)
	38	6155260520	1	Collet Ø3/64" Erickson Series
	38	6155260530	1	Collet Ø5/64" Erickson Series
	38	6155260540	1	Collet Ø2.5mm Erickson Series
	38	6155260550	1	Collet 3.2mm Erickson Series
	100	6155230190	1	Collet- holder extension
	35	6155260480	1	CNOMO collet Ø 3mm
	35	6155260500	1	CNOMO collet Ø 1/8" (6.35mm)
	35	6155260510	1	CNOMO collet Ø 8mm

Routers

CP3109-XX, CP3119-XX	Item	Part no	Qty	Description
	103	6153962890	1	Machined routing kit
	104	6155952450	1	Flange
	105	6156071450	1	Adjusting nut
	106	6155421320	1	Router nose
	107	6155421312	1	Machined routing guide
	108	6156870560	1	Circlip
	109	6157581270	1	Ball bearing

Dust extraction system

CP3109-XX, CP3119-XX	Item	Part no	Qty	Description
	110	6153960130	1	Suction cap
	111	6158600510	1	Diamond burr Ø7.2mm shank Ø6mm (Max 28000 tr/min)
	112	6158600030	1	Diamond cylinder Ø1-1/16" shank Ø6mm (Max 20000 tr/min)
	113	6153960230	1	Suction cap
	114	6158600040	1	Diamond cylinder Ø52mm shank Ø6mm (Max 15000 tr/min)
	115	6153960140	1	Suction cap

Original instructions.

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INSTRUCTIONS



This product is designed for removing material using abrasives. No other use permitted. For professional use only. Before servicing the power tool, the supply of compressed air must be disconnected or shut off.



When disposing of components, lubricants, etc ... ensure that the relevant safety procedures are carried out.



The tool is designed for a working pressure of 6.3 bar (90 psig). The compressed air must be clean. The installation of a filter is recommended. For maximum efficiency and performance, comply with the specification of the air hose (antistatic hose). (Refer to figure no.1 for compressed air connection).

A: $\varnothing_{\text{mini}} = 10\text{mm}$ (3/8")
B: 7 m max



To obtain maximum efficiency from the pneumatic tool, preserve its features and avoid repeated repairs, a routine inspection and repair programme are recommended at least every 500 hours, the intervals between the various inspections depending on the amount of exertion on the power tool.



For dust extraction, please contact your local sales.



Check the free speed of the tool at regular intervals and after each operation or maintenance task. Remove the abrasive to check the speed. The maximum allowed speed shown on the tool must not be exceeded and the vibration level must not be excessive.



This tool is fitted with blades which can operate without lubricated air. However, a small amount of oil allows the tool to provide full power and lengthens its life. The use of dry air with no trace of oil may reduce the life of blades.

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.

DISASSEMBLY AND REASSEMBLY INSTRUCTIONS



Disconnect the machine from the compressed air supply.

Remove all accessories.

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- Unscrew the front housing (45) and the intermediate housing (43).
- Disassembling the collet spindle assembly (see figure 2).
- Unscrew the plug (52) before extracting the spindle, being careful with the needles.

Disassembling the turbine

- Remove the turbine from its housing (15), and pull out the lock ring (28 or 31).
- Unscrew the speed governor (17) or the screw (16).



Left thread (see figure 3).

- Disassemble the turbine (see figure 4).
- **CLAMP THE ROTOR SLIGHTLY IN A VICE FITTED WITH LEAD JAWS**, then unscrew the coupling fork (41) or the collet holder (37).

Reassembling the turbine

- Proceed in reverse order with respect to disassembly.



Be careful with the direction for assembling the blades.

- Apply a small quantity of "LOCTITE 243" on the thread of the governor (17) or screw (16) before tightening the governor to a torque of 2 N.m.
- Make sure that the turbine is correctly positioned (see figure 5).

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Reassembling the complete collet holder:

- Proceed in the reverse order with respect to disassembly.
- Grease the collet holder (49) before positioning the needles.

LIMITED GUARANTEE

1. This Chicago Pneumatic product is guaranteed against defective workmanship or materials, for a maximum period of 12 months following the date of purchase from Chicago Pneumatic or its agents, provided that its usage is limited to single shift operation throughout that period. If the usage rate exceeds that of single shift operation, the guarantee period shall be reduced on a prorata basis.
2. If, during the guarantee period, the product appears to be defective in workmanship or materials, it should be returned to Chicago Pneumatic or its agents, together with a short description of the alleged defect. Chicago Pneumatic shall, at its sole discretion, arrange to repair or replace free of charge such items as are deemed faulty by reason of defective workmanship or materials.
3. This guarantee ceases to apply to products which have been abused, misused or modified, or which have been repaired using other than genuine Chicago Pneumatic spare parts or by someone other than Chicago Pneumatic or its authorized service agents.
4. Should Chicago Pneumatic incur any expense correcting a defect resulting from abuse, misuse, accidental damage or unauthorized modification, they will require that such expense shall be defrayed in full.
5. Chicago Pneumatic accepts no claim for labour or other expenditure made upon defective products.
6. Any direct, incidental or consequential damages whatsoever arising from any defect are expressly excluded.
7. This guarantee is given in lieu of all other guarantees, or conditions, expressed or implied, as to the quality, merchantability or fitness for any particular purpose.
8. No one, whether an agent, servant or employee of Chicago Pneumatic, is authorized to add to or modify the terms of this limited guarantee in any way.

