

CP114R & CP1117 Series

Our industrial drills now with ATEX



*Productivity and safety
brought together*

People.
Passion.
Performance.



Chicago
Pneumatic

CP1114R & CP1117 Series

Durable and Ergonomic Industrial Drills

CP1114R

CP1117

VERSATILE

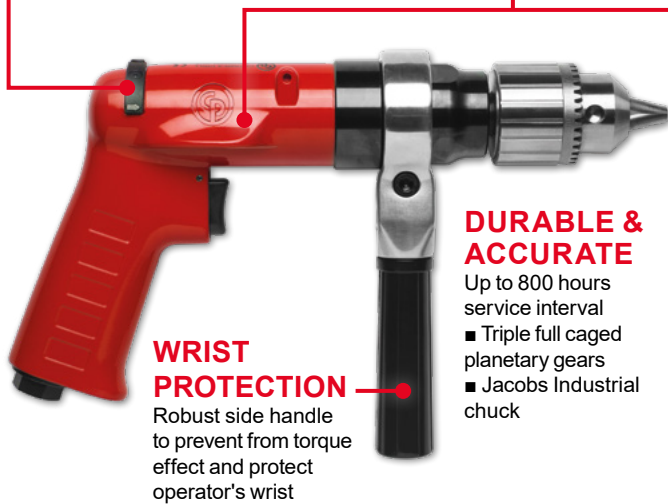
- Forward/Reverse switch
- Adjustable side handle

ERGONOMIC

- CP Ergo Wing for an ergonomic posture
- Wrist & tool alignment = less fatigue
- Best force transmission

INDUSTRIAL CHUCK

- 3/8" and 1/2" (keyed and keyless)
- Jacobs Industrial chucks for accurate and hard drilling



DURABLE & ACCURATE

- Up to 800 hours service interval
- Triple full caged planetary gears
- Jacobs Industrial chuck

WRIST PROTECTION

Robust side handle to prevent from torque effect and protect operator's wrist



STRONG & PRECISE GEARBOX

High durability design for less vibration during aggressive drilling

TEASING TRIGGER

Provide speed control for smooth and accurate drilling operation

LOW NOISE

Built in silencer reduces noise for operator comfort

CP1114R ATEX Models



PROTECTED CHUCK TO REDUCE RISKS OF SPARKS

Unique protection prevents chuck from touching any other object



CP1117 ATEX Models

CP1114R: 6 models from 500 to 4000 RPM, with 3/8" & 1/2" chuck

Model	Free Speed	Chuck Capacity	Part #
CP1114R05	500 rpm	1/2" 13 mm	6151580310
CP1114R05 ATEX	500 rpm	1/2" 13 mm	6151580380
CP1114R09	900 rpm	1/2" 13 mm	6151580320
CP1114R26	2600 rpm	3/8" 10 mm	6151580330
CP1114R26 ATEX	2600 rpm	3/8" 10 mm	6151580390
CP1114R40	4000 rpm	3/8" 10 mm	6151580340



CP1117: 18 models from 500 to 6000 RPM, with 3/8" & 1/2" chuck

Model	Free speed	Chuck capacity	Part number: key chuck models	Part number: keyless chuck models	Part number: models without chuck
CP1117P05	500 rpm	1/2" 13 mm	6151580170	6151580180	6151580240
CP1117P05 ATEX	500 rpm	1/2" 13 mm	6151580350		
CP1117P09	900 rpm	1/2" 13 mm	6151580150	6151580160	6151580230
CP1117P26	2600 rpm	3/8" 10 mm	6151580130	6151580140	6151580220
CP1117P26 ATEX	2600 rpm	3/8" 10 mm	6151580370		
CP1117P32	3200 rpm	3/8" 10 mm	6151580110	6151580120	6151580210
CP1117P32 ATEX	3200 rpm	3/8" 10 mm	6151580360		
CP1117P60	6000 rpm	3/8" 10 mm	6151580090	6151580100	6151580200



Listed specifications are for reference only. Please check tool documentation.

PRODUCTIVITY AND SAFETY BROUGHT TOGETHER

What is ATEX?



ATEX stands for "ATmosphere EXplosible" and is the designation commonly given to the two European Directives regulating these atmospheres:

- the ATEX Directive **2014/34/EU**
- the **Directive 99/92/EC**, also known as 'ATEX 137' or the 'ATEX Workplace Directive'.

DO YOU WANT TO LEARN MORE?

Check out our Expert Corner article here: <http://qr.cp.com/ATEX>



EXPERT CORNER
BY CHICAGO PNEUMATIC

CLASSIFICATION OF ATEX AREAS

The ATEX 137 directive provides employers with guidance on how to specify the different zones. This classification of areas is based on the frequency and duration of the occurrence of an explosive atmosphere, including gas, vapour and mist.

Below is the classification related to explosive gases:

ZONE	DEFINITION
ZONE 0	A place in which explosive gases are continuously present or for long periods of time or frequently.
ZONE 1	A place in which explosive gases occasionally appear.
ZONE 2	A place where there is normally no presence of dangerous gases, or only occurring for a short period of time.

Below is the classification related to combustible dust:

ZONE	DEFINITION
ZONE 20	A place in which combustible dust are present continuously, or for long period of time or frequently.
ZONE 21	A place in which explosive dust clouds occurs occasionally under normal activity
ZONE 22	A place in which explosive dust is not likely to occur or only occurring for short periods.

🔗 The new CP1114R ATEX and the CP1117 ATEX ranges are certified as EX II 2 G and Ex h IIB T6 Gb X; which means that they are approved for jobs in Zone 2 (gas) and Zone 22 (dust).

APPLICATIONS

Drilling, tapping and reaming operations in potentially explosive atmospheres.

POTENTIAL AREAS OF USE



Oil & Gas



Petrochemical



Mining



Over 110 years of experience

Since 1901 the Chicago Pneumatic (CP) name has represented reliability and attention to customer needs, with construction, maintenance and production tools and compressors designed for specific industrial applications. Today, CP has a global reach, with local distributors around the world.

Our people start every single day with a passion to research, develop, manufacture and deliver new products that are meant to meet your needs not only today, but tomorrow as well.

To learn more about our extensive range of tools, construction equipment, industrial and portable compressors, accessories and workshop equipment, please visit www.cp.com.

AIR LINE ACCESSORIES

Tool inlet size		Type	Tool max air consumption		Hose Recommended Diameter	
1/4"	6.5 mm	NPT	30 cfm	14 l/s	3/8"	10 mm

MUST HAVE

FRL

Metallic FRL
1/2" NPT
2 stages 8940168517
3 stages 8940168518

COUPLING & NIPPLE

EF Coupling Male
1/2" NPT
6158104870

Nipple Male
3/4" NPT
6158105630

SAFETY

AIR FUSE

Air Fuse Low Flow
3/8" NPT
6158112470

**The air fuse will protect for a 15m hose length. If you need a longer hose, please refer to the operator's manual.*

HOSE CONNECTOR

Hose connector
3/8" NPT
Diameter 3/8" / 10 mm
8940175944

MUST HAVE

HOSE & CLAMPS

Effi Max Hose
Diameter 3/8" / 10 mm
8940169921

Simple Pressure Clamp
Diameter 3/8" / 10 mm
6158109850
Order 2 units

COUPLING & NIPPLE

EF Coupling Hose connector
Diameter 3/8" / 10 mm
6158105320

Nipple Female
1/4" NPT
6158105650

SAFETY & ERGONOMICS

HOSE WHIP

Hose Whip
Thread 1/4"
Diameter 3/8" / 10 mm
CA047270

Air Flex can not be recommended due to these tools' air consumption

*Set up made for the CP1114R with EF coupling ISO6150B type (NA, France, Italy)

TUNE-UP KIT

Tool model	Version	Part number
CP1114R Series all non-ATEX models	Model C	8940174059
CP1114Rxx ATEX	Model C	8940175956
CP1117 Series all non-ATEX models	Model C	2050552333
CP1117Pxx ATEX	Model C	6153995550

OIL

Part number	Volume
CA149661	4 oz / 120 ml
CA000046	20.8 oz / 591 ml
P089507	1 gal. / 3.8 L



For more information, please contact your Chicago Pneumatic partner:



www.cp.com