



**Chicago
Pneumatic**



**High-performance
products.
Designed for you!**

Pneumatic Breakers



Standard Breakers

CP breakers are part of the CP Construction Tools range. These demolition tools are designed to deliver the power and durability necessary for a variety of construction and plant maintenance applications. Typical examples include breaking reinforced concrete, heavy road works, tarmac cutting, trenching, cutting frozen ground and general demolition work.

The CP range of standard breakers are robust and reliable tools specified and built to give you the best power and performance possible in their weight classes.

The standard tools are available either in a basic version or in a version with a muffler. The mufflers can also be bought separately for retro-fitting. All breakers are available with a choice of different shanks, to accommodate needs from different markets and customers.

CP 1210

The updated version of the CP 1210 draws on the very good experience of the classic CP 1210 35-pound class tool which has proven its value over a number of years. The updated version has the following new features:

- Improved swivel design for increased maneuverability
- Improved valve system and percussive mechanism, giving 20 percent more power
- Lubrication grooves on the piston to increase wear properties of the impact mechanism



CP 1210

CP 1210 S

Just like the 1230 and the 1240 breakers, the CP 1210 is available both with a muffler (CP 1210 S) and without. All the silenced versions comply with the latest European Union Directive (2000/14/EC) on noise control. The new 1210 S has an improved muffler that gives considerably lower noise emissions than the previous model.

- Versions available with vibration reducing handles (VR series), see page 3.



CP 1210 S

CP 1230, CP 1230 S, CP 1240, CP 1240 S

Robust and reliable are words that often come to mind when describing these two breaker types. They are well established in many markets and have gained their standing through a number of outstanding features:

- Alloy steel forgings – for excellent durability
- Four-bolt backhead – withstands rugged use
- Integral oiler – provides continuous lubrication
- Heavy-duty front head springs – reduce reactive forces back to the operator
- Reversible piston – reduces maintenance cost
- Air inlet swivel – for easy maneuverability
- “Hushed power” versions (S series) available equipped with mufflers
- Versions available with vibration reducing handles (VR series)



CP 1230 S

Vibro-reduced Breakers

Reducing the vibrations to which the operator is exposed, is becoming an increasingly more important feature in many markets.

The CP range of breakers has since long included a number of vibro-reduced versions, the VR series.

The vibro-reducing capabilities of the CP 1230 SVR and CP 1240 SVR units have recently been enhanced and the new CP 1210 SVR features a new back head with improved vibro-reduction.



CP 1210 SVR

With its new back head design and new muffler the CP 1210 SVR combines excellent performance in its weight class with good ergonomics. Vibration emissions have been reduced considerably and noise levels are well below the current European Union Directive.

Lowering the vibration levels has positive effects in several ways. The operator does not tire as easily and can produce more in a given time. By reducing the vibration levels over a given time period or for a certain task, the negative effects of vibrations are better controlled.

CP 1230 SVR, CP 1240 SVR

Even though these two breakers have kept their general appearance from before, a number of small but important design changes have helped reduce their vibration levels considerably.

What has been kept is their robust quality and ability to withstand tough working conditions.

Together with the new CP 1210 SVR they make up a comprehensive range of vibro-reduced breakers.



CP 1210 SVR



CP 1230 SVR



CP 1240 SVR

Engineered for high performance

Chicago Pneumatic construction tools are engineered for high performance. They are known for their pioneering design, high-impact technology and durability.

Being close to our customers, we see how our products are used on the job and what features could be improved or added to make your work more comfortable, efficient and reliable.

For instance, the first version of CP 1210 was launched over 25 years ago. Since then we have introduced two updated versions; some of the most recently added features are highlighted below.

More comfortable handles

Operator comfort and tool control are enhanced.

Advanced vibration reduction system

The operators do not tire as easily. Productivity is improved. Negative effects of vibrations are reduced.

Piston with lubrication grooves

Better lubrication increases the service life of the tool and its major parts.

New improved silencer

The silencer reduces noise level to under the limit of the European Union Noise Directive (2000/14/EC) and creates better operator comfort.

Improved valve system

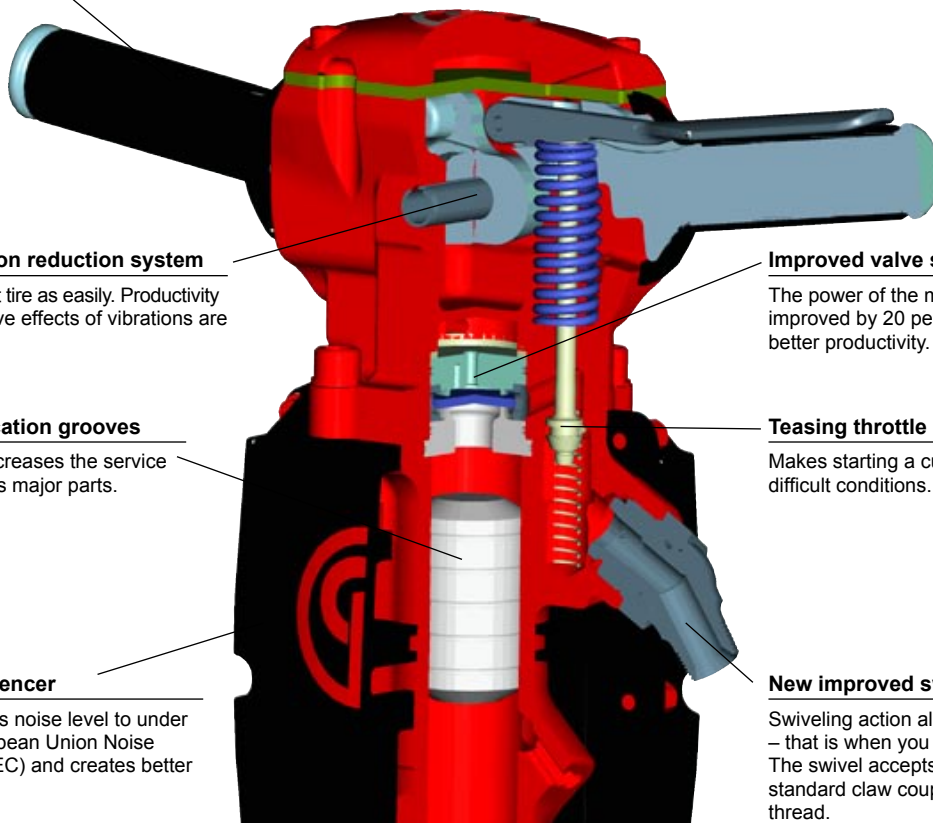
The power of the machine is improved by 20 percent, leading to better productivity.

Teasing throttle

Makes starting a cut easy, even under difficult conditions.

New improved swivel

Swiveling action also under pressure – that is when you really need it. The swivel accepts both US and other standard claw couplings with 3/4" thread.



CP 1210, CP 1230 and CP 1240

CP 1210, CP 1210 S

The CP 1210 demolition tools are lightweight rugged road breakers designed for light to medium construction and plant maintenance work, such as light demolition of floors, pavements and roads as well as various other service jobs.

These tools are very popular for bridge deck jobs and utility work. Although classed as a 35 pound tool, the new CP 1210 has high hitting power and the performance of a bigger tool.

CP 1230, CP 1230 S, CP 1240, CP 1240 S

The CP 1230 and CP 1240 ranges of demolition tools are designed to deliver the power and durability necessary for a variety of tough construction and plant maintenance applications, such as breaking reinforced concrete, heavy road works, tarmac cutting, cutting frozen ground, cutting non-consolidated rock and general demolition work.



Part No.	Model	Shank (mm)	Weight (kg)	Length (mm)	Blows (bpm)	Air cons (l/s)	Comment
8900 0030 01	CP 1210	25 x 108	20	540	1400	26.5	N. American shank
8900 0030 02	CP 1210	25 x 108	20	540	1400	26.5	ISO standard shank
8900 0030 03	CP 1210 S	25 x 108	22	540	1400	26.5	N. American shank
8900 0030 04	CP 1210 S	25 x 108	22	540	1400	26.5	ISO standard shank
8900 0030 07	CP 1210 S	28 x 160*	22.5	585	1400	26.5	
8900 0030 09	CP 1210 S	32 x 160**	22.5	585	1400	26.5	
8900 0030 05	CP 1210 SVR	25 x 108	24.5	600	1400	26.5	N. American shank
8900 0030 06	CP 1210 SVR	25 x 108	24.5	600	1400	26.5	ISO standard shank
8900 0030 08	CP 1210 SVR	28 x 160*	25	650	1400	26.5	
8900 0030 10	CP 1210 SVR	32 x 160**	25	650	1400	26.5	
T022073	CP 1230	28 x 160*	29.5	680	1300	32	
T022074	CP 1230	32 x 160**	29.5	680	1300	32	
T022158	CP 1230 S	28 x 160*	31	680	1300	32	
T022159	CP 1230 S	32 x 160**	31	680	1300	32	
T024227	CP 1230 SVR	28 x 160*	34.5	730	1300	32	
T024239	CP 1230 SVR	32 x 160**	34.5	730	1300	32	
T022075	CP 1240	28 x 160*	37.5	735	1200	40	
T022076	CP 1240	32 x 160**	37.5	735	1200	40	
T022221	CP 1240 S	28 x 160*	39	735	1200	40	
T022222	CP 1240 S	32 x 160**	39	735	1200	40	
T024536	CP 1240 SVR	28 x 160*	43	785	1200	40	
T024535	CP 1240 SVR	32 x 160**	43	785	1200	40	

*) Also for 28 x 152 mm **) Also for 32 x 152 mm

All values at 6 bar. Air inlet thread is NPT F 3/4". Claw couplings for BSP 3/4" and G 3/4" can also be used on this thread. The breakers are delivered without claw couplings. **Please note** that non-muffled tools are not CE-marked.

Breakers and Spike Drivers



The CP 1230 and CP 1240 size breakers are also available in spike driving configurations.

The CP 0117 breaker series caters to the needs of customers who look for a more traditional style basic breaker.

The new CP 0112, CP 0112 S and CP 0112 EX breakers are lightweight tools especially well suited to situations where easy handling and weight restrictions are important issues. Their design draws heavily on the well-proven CP 0111 series, where performance has been increased by 15 % to create the new 0112 series.

CP 1230 SPDR, CP 1240 SPDR

These specialized spike drivers are built according to the same exacting specifications as the heavy duty breakers in the series. With their open front heads, they accept a variety of objects for driving. Maximum head diameter of objects is 44 mm (1-7/8").

As are the breakers, the spike drivers are available both in a basic version and in a "Hushed power" version with a muffler (S SPDR series).

CP 0117, CP 0117 S

Drawing heavily on traditional breaker design, the breakers in the CP 0117 series are hard hitting with a somewhat lower impact rate.

The CP 0117 is available with two different shank sizes.

The "Hushed power" versions of the CP 0117 are designated CP 0117 S.

CP 0112, CP 0112 S, CP 0112 EX

These tools are light-weight yet rugged breakers designed for light construction work and plant maintenance.

The CP 0112 EX is a specialized tools for e.g trench work and has an extended handle.

Here are a few features of the CP 0112 series:

- Alloy steel forgings – for excellent durability
- Four-bolt backhead – withstands rugged use
- Integral oiler – provides continuous lubrication



CP 1240 S SPDR



CP 0117 S



CP 0112 S



CP 0112 EX – extended handle

CP 1230/1240 SPDR, CP 0117 and CP 0112

CP 1230 SPDR, CP 1240 SPDR

These spike drivers are used e.g. for driving spikes in rail-road, construction and plant maintenance applications.

They are identical to the breakers in the series, except they have an open front head without tool retainer.

CP 0112, CP 0112 S, CP 0112 EX

The CP 0112 series are the lightest breakers in the CP range. They have their applications in light demolition of e.g. floors, pavement, frozen ground, and masonry walls. The CP 0112 version is very popular for bridge deck jobs.

An extended handle increases the reach of the CP 0112 EX version, making it suitable for light trenching applications.

CP 0117, CP 0117 S

With their relatively low air consumption yet powerful blow, these low blow frequency, traditional breakers find their use in the heavy end of breaker applications.



Part No.	Model	Shank (mm)	Weight (kg)	Length (mm)	Blows (bpm)	Air cons (l/s)	Comment
T021612	CP 1230 SPDR	N/A	28.5	625	1300	32	Max head diameter 44 mm
T021613	CP 1230 S SPDR	N/A	30	625	1300	32	Max head diameter 44 mm
T021042	CP 1240 SPDR	N/A	37	665	1200	40	Max head diameter 44 mm
T021041	CP 1240 S SPDR	N/A	38.5	665	1200	40	Max head diameter 44 mm
T022090	CP 0117	28 x 160*	35	740	1080	35	
T022091	CP 0117	32 x 160**	35	740	1080	35	
T022093	CP 0117 S	28 x 160*	36	740	1080	35	
T022092	CP 0117 S	32 x 160**	36	740	1080	35	
8900 0030 23	CP 0112	25 x 108	13.5	535	1590	23	N. American shank
8900 0030 25	CP 0112 S	25 x 108	14.5	535	1590	23	ISO standard shank
8900 0030 24	CP 0112 EX	25 x 108	16	800	1590	23	N. American shank

*) Also for 28 x 152 mm ***) Also for 32 x 152 mm

All values at 6 bar. Air inlet thread is NPT F 3/4". Claw couplings for BSP 3/4" and G 3/4" can also be used on this thread. The breakers are delivered without claw couplings. **Please note** that non-muffled tools are not CE-marked.



Over 100 years of experience

Since 1901 the name Chicago Pneumatic has stood for innovative, high-performance power tools. Today a wide range of pneumatic and hydraulic construction tools, including breakers, clay diggers, picks and busters, scabblers, rock drills, rotary and chipping hammers, sump and sludge pumps, and a whole lot more, are available through a worldwide sales organization.

RED-X compressed air hose

RED-X flat hose is a rubber hose manufactured with a woven reinforcement which is flat in unpressurized condition. It is suitable for compressed-air applications with a maximum working pressure of 20 bar.

Easy to handle!

If long distances have to be covered, it is much easier to use a RED-X flat hose because it is extremely flexible and easy to unroll. It has only one third of the weight of a conventional rubber hose because the woven reinforcement constitutes 1/5 of the wall thickness.

Easy to store!

Since the hose is flat, it takes less than half the storage space of a conventional rubber hose.



Safer if damaged!

Because of the woven reinforcement the hose offers a very high resistance to bursting and tensile strength (end pull). If the hose ruptures despite the fact that all precautions are taken, it will do so longitudinally instead of crosswise. A rupture will still keep the hose in one piece and reduce the risk of whipping hose ends.

Applications

RED-X flat hoses can be used with products such as pneumatic rock drills and breakers, crawlers, water well drill rigs and water pumps on construction sites, in mines and in the agricultural sector.

Description	Inner diameter mm	Thickness mm	Max working pressure bar	Length roll m	Weight kg	Part no.
Air hose, 60 m	20	2	20	60	11	8900 0050 10
Pre-mounted US	20	2	20	15	3.6	8900 0050 08
Pre-mounted	20	2	20	20	4.1	8900 0050 09

Water separator

The water separator is delivered without claw couplings. The thread size is 3/4" and has BSP standard for European market and NPT standard for US market.



Why use a water separator?

- Per shift, a bucket of water or more can be produced by condensation in the compressed airline system!
- Water in the compressed airline system makes pneumatic machines freeze up and causes corrosion.
- Always use a genuine CP water separator to protect the machine!

Recommended claw couplings:

Part no.	Description
8900 0050 00	Water separator, 3/4" BSP (EU version)
9000 0302 00	European type claw coupling 3/4" BSP
8900 0050 01	Water separator, 3/4" NPT (US version)
9001 0005 02	US type claw coupling 3/4" NPT

Lubricator

CP Lubricator 1300 (EU model) and Lubricator 43 (US Model) use the ejector principle to create controlled lubrication.

The pick-up is intricately bent to give oil supply regardless of the lubricator's position. Many cheaper competitor lubricators do not work if turned upside down! Always use a genuine CP lubricator to provide proper lubrication for the machine.



Part no.	Description
8900 0050 02	Lubricator 1300, 1" BSP European type claw coupling premounted (1300 ml)
8900 0050 07	Lubricator 43, 1" NPT US type claw coupling premounted (43 oz)