



Piston compressors












Screw compressors



## The energy efficiency comes with the technology

The CPN screw compressors are up to 35% more energy efficient than an equivalent power sized Piston compressor. The CPN is also designed to work continuously if needed, this allows you get 100% performance, 24 hours a day from you from your equipment without fearing a single fail.

Technology	 Screw compressor
Use	 Continuous
Noise level	 72 – 78 dB(A)
Vessel sizes	 0, 270 or 500 L
FAD	 220 – 1631 l/min
Power	 3 - 20 hp / 2,2 - 15 kW
Pressure	 8 - 13 bar
Weight	 121-354 kg
Dimensions by vessel size (in mm)	 200L : 1440 x 680 x 1250 mm 270L: 1550 x 680-718 x 1280-1322 mm 500L: : 1935 x 718 x 1453 mm

### Key user benefits



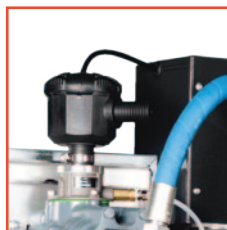
#### Simple installation

The compressor, equipped with simple automatic controls, is ready for immediate installation and fitted with an air receiver.



#### Easy maintenance

Almost no panels to be removed in case of maintenance and strategic placement of components to facilitate maintenance.



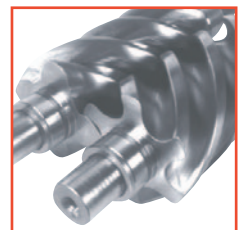
#### Reduced power consumption

Due to rotary technology, the CPN consumes up to 35% less power compared to a traditional piston compressor.



#### Constant pressure

The combined and continuous action of the spinning element generates air flow delivery without pulsations, granting you the stability you need.



#### New generation air ends

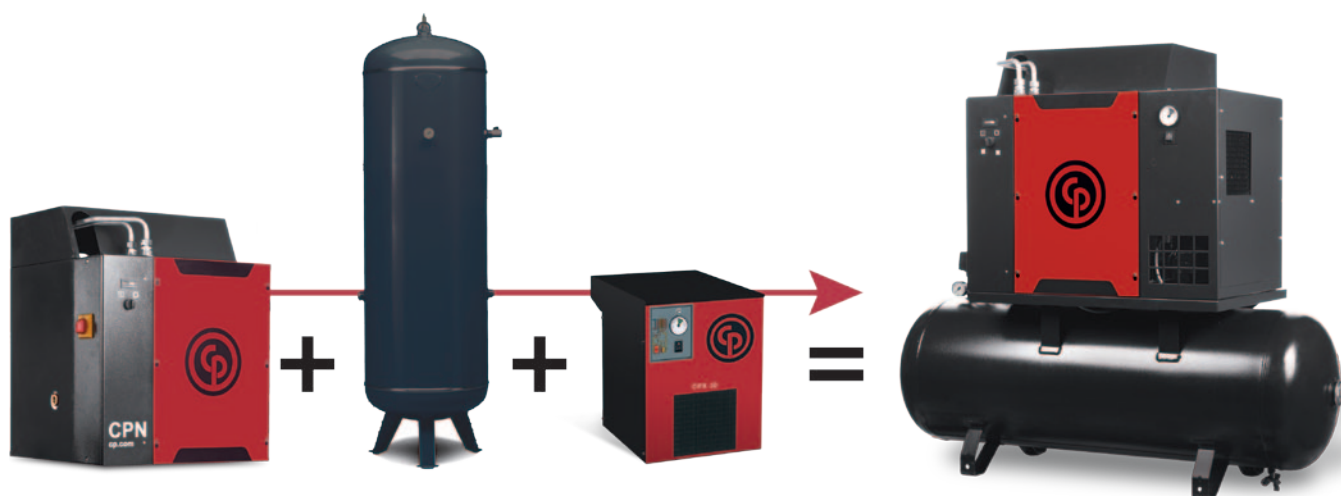
New generation air ends guarantee superior efficiency, durability and the reliability of a manufacturer who yearly assembles over 25000 units.

Quality Air Solutions





**Innovative design concept**



**Features**

Lower service costs and extended service intervals

The simple and accessible arrangement, along with cool operation keeps service costs to the minimum. The longer service intervals mean less down time, improving efficiency.

Simplicity and user friendliness

Instinctive and easy to use, the CPN/Micron offers you:

- Basic control panel for compressor & dryer
- No complicated or fancy controllers, on-off button & hour meter.
- Independent command for the dryer
- Easy visualization of pressure inside the vessel

More output and less energy consumption

When compared to piston compressors, the exceptional efficiency of the CPN and the high output of the package ensures reduced power consumption, maximized output (FAD) and low cost per CFM produced.

**Look for your quality assurance! Use Chicago Pneumatic Original Parts**

Chicago Pneumatic is always at your service with comprehensive screw kits:

- easy
- guaranteed long lifetime
- reliable operation
- all-in-one cost effectiveness

