

# Screw Compressors

CPA



People.  
Passion.  
Performance.

 **Chicago  
Pneumatic**

# About Chicago Pneumatic

Since 1901, the **Chicago Pneumatic** name has represented reliability and attention to customer needs, as a global manufacturer of power tools, air compressors, generators, light towers, and hydraulic equipment for professional and industrial applications. It represents products that are engineered for high performance. In addition to pioneering design, high-impact technology and durability, **Chicago Pneumatic** means **customer value**.

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.

All this has come together because we have consistently practiced our brand promise:

**People. Passion. Performance.**



# People. Passion. Performance.



For Chicago Pneumatic, it isn't just about products. We value our end-users' and distributors' **performance**, and do our ultimate best to make it **easy to work** with us while providing **reliable products with a passion**.

- **Broad product portfolio** of robust compressors & tools
- **Decades of experience & innovation**
- **100% committed** distributor partnership

This is how we keep you productive at all times, meeting the needs of professionals in vehicle service, general industry and construction around the globe.







**People. Passion. Performance.**

## Define your needs,

Going for our extensive offer of oil-injected screw compressors below 30kW, you choose for **reliable performance**, **thrustworthy technology** and **increased efficiency**. These ranges are also suitable for more demanding applications and can be deployed in harsh working conditions.

### CPA



Noise level	 Silent: 61-71 dB(A)
Vessel size	 0, 270 or 500 L
FAD	 702 - 2328 l/min
Power	 7.5-20 hp / 5,5-15 kW
Pressure	 8 - 13 bar
Weight	 241 - 710kg

### User benefits

- Easy and user-friendly operation
- Robust design, ready to operate in hard working conditions
- Fast and easy maintenance, all consumables are easy to reach and maintain
- Complete and compact solution including air receiver and dryer
- Quiet operation allowing installation close to the workplace



## CPA Series 7,5 - 20 HP / 5,5 - 15 kW



CPA 20 - 500L

### The ultimate all-in-one solution

Chicago Pneumatic introduced the CPA Series more than a decade ago. And in this period of time a strong reputation of quality and top performance was built. But, apart from this remarkable past, the design and philosophy have evolved to match new customer needs: a beautiful all-in-one, powerful and silent screw compressor. That's what the CPA Series is!

A seamless product in terms of user-friendliness, reliability and life duration, which makes this series, "the screw compressor" for tough and hard working conditions.



Low noise levels

Insulation foam, deflectors and anti-vibration pads assure low noise levels.



Easy and fast maintenance

Enabled by good positioning of service items: belts, oil and filters.



ES4000

A unique control unit, specially programmed for energy saving.



Built to last

Designed for continuous duty and very hard working conditions.



Small footprint

Compresses, stores and processes air using just 1,5 m<sup>2</sup>.







### Innovative design concept

The CPA Series can be configured as an ultimate all-in-one solution that includes:

- Air receiver 270 or 500L (available for units up to 30HP)
- Refrigerant dryer
- Automatic drain

Forget about complex and costly installations. Simply connect the power, connect the piping and press START!

Technical Table	 [l/min]						
Type	8 bar version	10 bar version	13 bar version	HP	kW	dB(A)	L x W x H (mm)
Base mounted				Base Mounted (+ Dryer )			
CPA 7,5	882	702	na	7,5	5,5	62	1065 x 665 x 1070 (1065 x 665 x 1070)
CPA 10	1242	1080	828	10	7,5	63	1065 x 665 x 1070 (1065 x 665 x 1070)
CPA 15	1674	1506	1212	15	11	65	1065 x 665 x 1070 (1065 x 665 x 1070)
CPA 20	2328	2106	1686	20	15	67	1065 x 665 x 1070 (1065 x 665 x 1070)

Tank Mounted models are available on 270 and 500L air vessels.

For weights and part numbers, please contact your local customer center.

All units are also available in 60 Hz, please contact your local sales representative for more information.

\* Unit performance measured according to ISO 1217, Annex C, latest edition

\*\* Noise level measured according to ISO 2151:2004 using ISO 9614/2

