

CPN
Compact & flexible



AIRPLUS
Industrial

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**People.
Passion.
Performance.**



**Chicago
Pneumatic**

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 to get 100% performance, 24 hours a day, from your equipment without fearing a single fail.

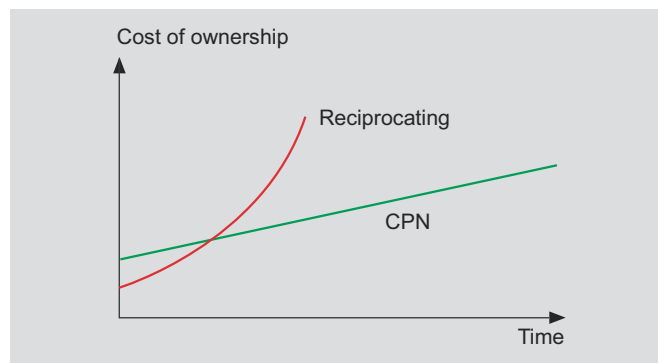
Screw technology

Main Benefits:

- Excellent performance
- Assured reliability
- Longer life
- Continuous duty operation
- Lower oil residual in compressed air
- Pulsation free air



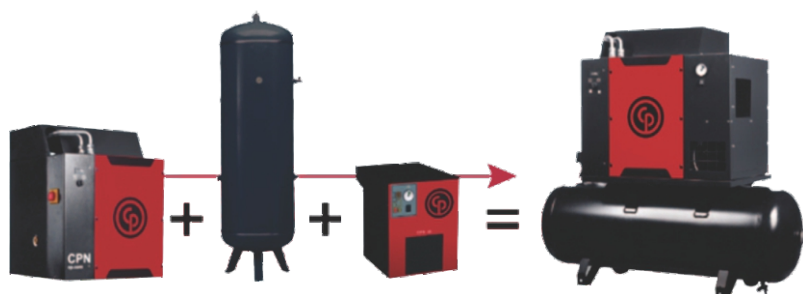
Cost of ownership



Why CPN screw compressors ?

Piston compressors		CPN screw compressors	
70 - 75% of the intake air	Air yield	95% of the intake air More air for less power	
For intermittent use	Operation	For continuous use An industrial technology	
High content of residual oil and humidity	Air quality	Low oil content and dry air in the version with dryer Cleaner air for better production	
Alternating and pulsating	Compression	Continuous and consistent Uniform pressure in line for better functioning utility	
High	Vibrations	Absent More reliable components	
Thermal circuit breaker	Standard protections	Magnetic and thermal circuit breaker Greater operator safety	

Innovative design concept








A complete system in less than 1m²

Compressor
Refrigerated Dryer
Integrated Tank
Interconnection piping
Pre- Wired
Low pressure drop





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 offers you: <ul style="list-style-type: none"> • 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.

Key user benefits

 <p>Simple installation</p> <p>The compressor, equipped with simple automatic controls, is ready for immediate installation and fitted with an air receiver.</p>	 <p>Easy maintenance</p> <p>Almost no panels to be removed in case of maintenance and strategic placement of components to facilitate maintenance.</p>	 <p>Reduced power consumption</p> <p>Due to rotary technology, the CPN consumes up to 35% less power compared to a traditional piston compressor.</p>	 <p>Constant pressure</p> <p>The combined and continuous action of the spinning element generates air flow delivery without pulsations, granting you the stability you need.</p>	 <p>New generation air ends</p> <p>New generation air ends guarantee superior efficiency, durability and the reliability.</p>
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Technical specification

Model	HP 	Pressure (BAR G) 			CFM 			End Connection	Weight (KG) 	
									TC	TCD
CPN 10	10	8	10	13	39	33	24	½"	180	220
CPN 15	15				55	47	40		200	240
CPN 20	20				66	59	49		220	255

T - Tank C - Cover D - Dryer



CPN
TC
1540 X 685 X 1350

TCD
1540 X 860 X 1350



Since 1901 the Chicago Pneumatic name has represented reliability and attention to customer needs, with tools and compressors designed for specific industrial applications. Today, Chicago Pneumatic 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, visit www.cp.com.

Chicago Pneumatic: full offer, global presence



TMD



CPVS



WIS AIR



Spiral Air



PPNGs



TAS

Chicago Pneumatic Compressors
Sveanagar, Mumbai Pune Highway, Dapodi,
Pune - 411012 Maharashtra, India.
Phone: + (91) 93 7191 9200 / 93 2417 4988



Design
Manufacture, Sales and
Service of air compressors,
Air dryers and air filters



ISO 9001 . ISO 14001
OHSAS 18001
Forms an integral part of each
business process of Chicago
Pneumatic Compressors

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100+
Distributors
present across India



Regional Customer Centers

West

Rushabh, II Floor, Near American Heart Institute,
Ghodbunder Road, Thane (W) - 400601

93241 74565 / 93256 36552

sales.west@cp.com / service.west@cp.com

North

Unitech Business Park, Tower - A, First Floor,
Block - F, Sector - 41, South City-I, Gurgaon - 122001

93124 06866 / 93124 17744

sales.north@cp.com, service.north@cp.com

East

Trinity Plaza, 2nd Floor, East Wing, 84/1A,
Topsia Road, (South) Kolkata - 700 046

93322 90559 / 93322 91224

sales.east@cp.com, service.east@cp.com

Central

4th Floor, Block A, Amsri Shamira Building,
Old Lancer Lines, Secunderabad - 500 025

88861 78825 / 93924 06641

sales.central@cp.com, service.central@cp.com

South

No. 1-A, Kushal Garden, Peenya Industrial Area,
Peenya 2nd Phase, Bangalore - 560 058

93677 87070 / 93421 44450

sales.south@cp.com, service.south@cp.com

- **Area offices:** Ahmedabad, Baroda, Chandigarh, Chennai, Pune
- **Resident offices:** Coimbatore, Erode, Kochi, Jaipur, Raipur, Vizag

Toll Free No.: 1800 200 0040

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