

Flexible Drive Rotary Screw Air Compressor

15 - 30 HP



People.
Passion.
Performance.



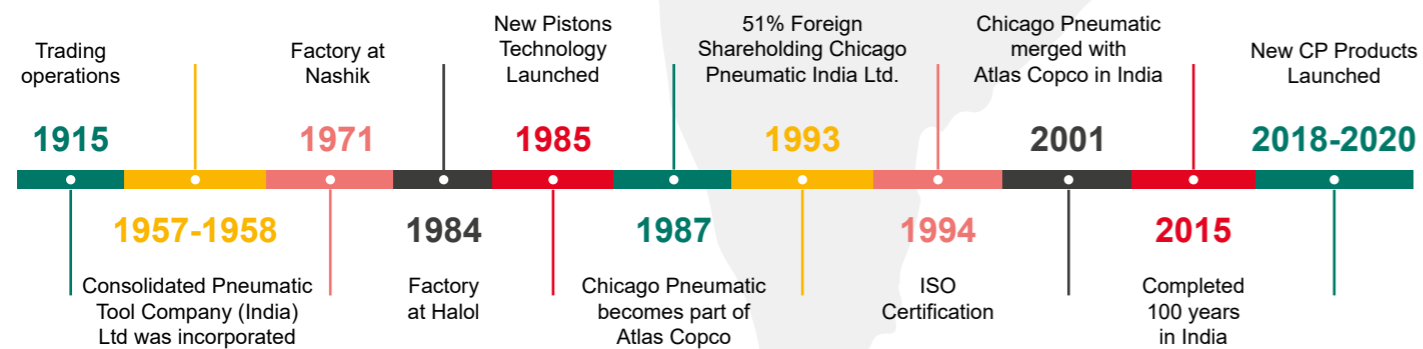
Chicago
Pneumatic

Over a 100 years of industrial excellence in India

Chicago Pneumatic (CP) is a global leader in the design, manufacture and distribution of high-performance compressors. In addition to pioneering design, high impact technology and durability, Chicago Pneumatic means Customer Value. Our goal is to deliver best-in-class global service and local support to our customers through a dedicated product portfolio and a strong network of authorized distributors. We generate added value by delivering the best solution to your needs based on our decades of experience.

Today, CP is a global brand that offers products for countless applications and almost every industry. We are also proud to say that after all these years CP still stands for reliability, durability and customer value.

Decades of Innovation



CPB benefits



Excellent performance

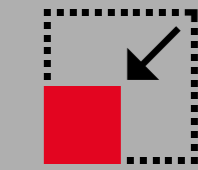
Assured reliability

Longer life

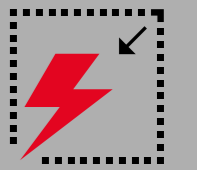
Continuous duty operation

Lower oil residual in compressed air

Pulsation free air



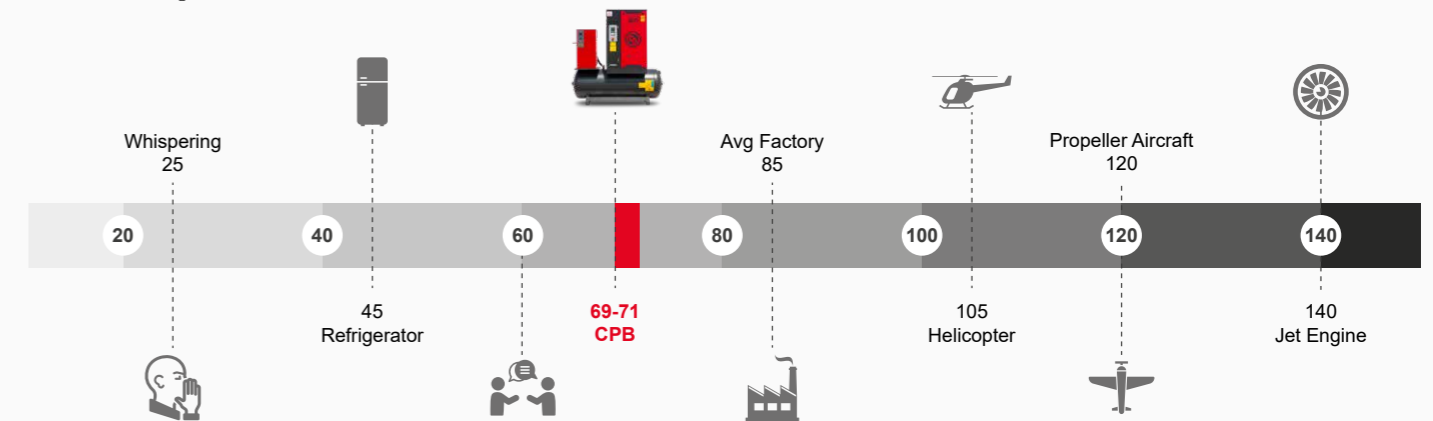
35%
LESS FLOOR SPACE



15%
LESS ENERGY CONSUMPTION

*note: compared to previous design

Quiet operation



Designed for India's tropical conditions:

	European Condition	Tropical Condition
Temp	Max 20° C Min Sub Zero	Max 50° C Min Varying
Enviro'	Dust Free, Pressurized & Ventilated	Dusty Industrial
Mindset	Use & Throw	Use & Continue using

- Pre tensioned flexible drive
- Pre filter panel
- Pressurized canopy
- Natural ventilation passage
- Effective cooling

Product Features

Flexible Drive Rotary Screw Air Compressors

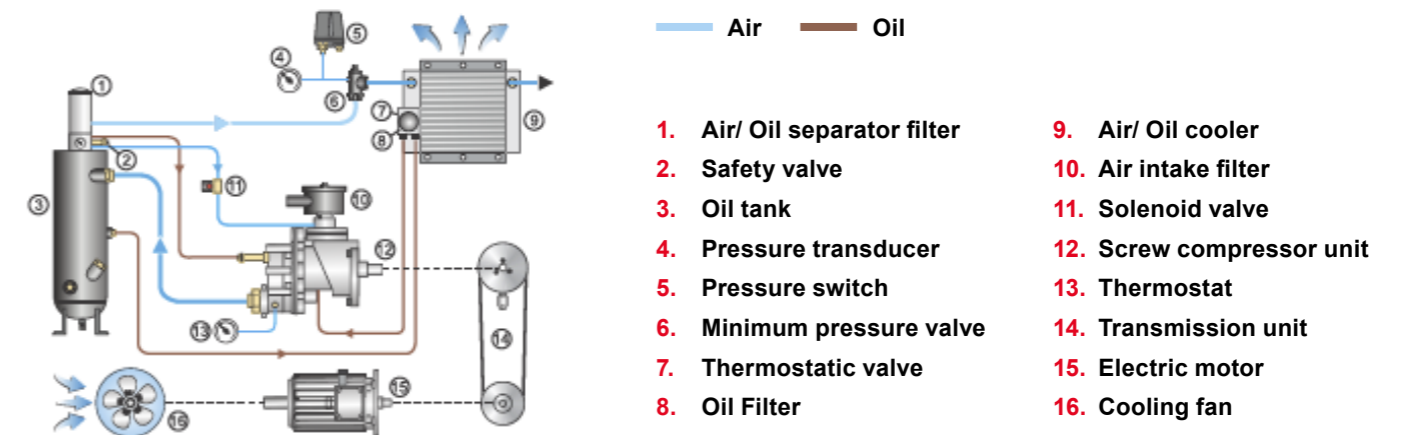


Unique design - Pressurized canopy and pre filter

- Pre filter avoids any dust entry inside the canopy
- Pre filter maintains cleanliness inside canopy
- Pre filter enhances suction filter element life
- Natural ventilation passage provides smooth and consistent flow of cool ambient air
- Pressurized canopy interior avoids any suction pressure drop decreases compressor ratio



Flow diagram



Product variants - The CPB range

CPB Floor Mount	CPVR Floor Mount/TMD	CPB tank mounted with dryer
<ul style="list-style-type: none"> • Small foot print • Plug to existing receiver 	<ul style="list-style-type: none"> • Built in Inverter Drive (IVR) drive • Saves upto 35% Power 	<ul style="list-style-type: none"> • For moisture free and oil free application (with dryer and filter)

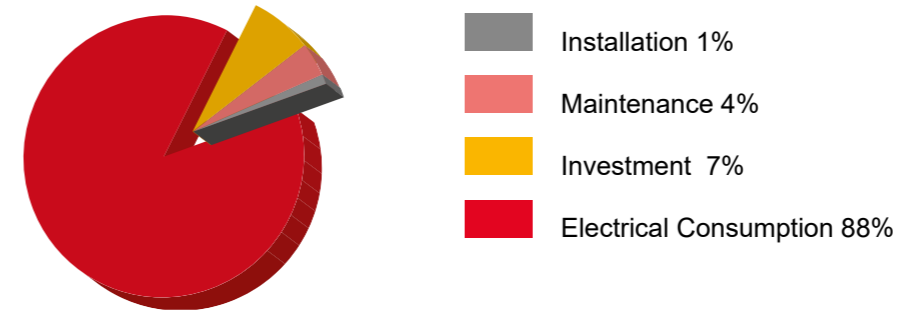
Inverter drive (IVR)

The IVR Drive in the compressor, which electronically adjusts the motor's rotation speed, only consumes the energy needed to produce the compressed air required by your application.

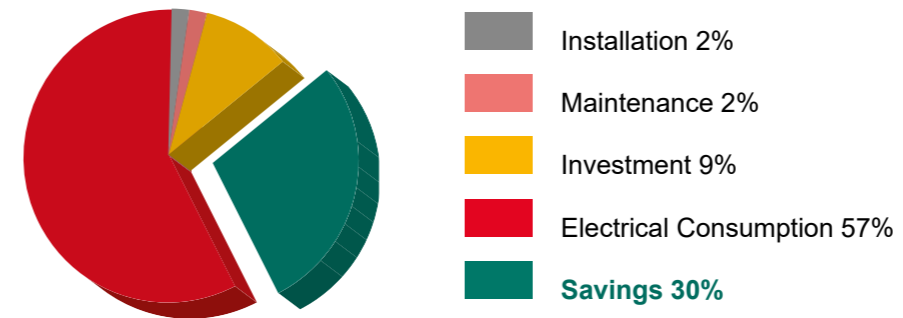


Life Cycle Cost

Fixed Speed



IVR



Reducing electricity consumption means:

Lower Power Costs = SAVINGS

Lower Power Consumption = ENVIRONMENTAL FRIENDLINESS

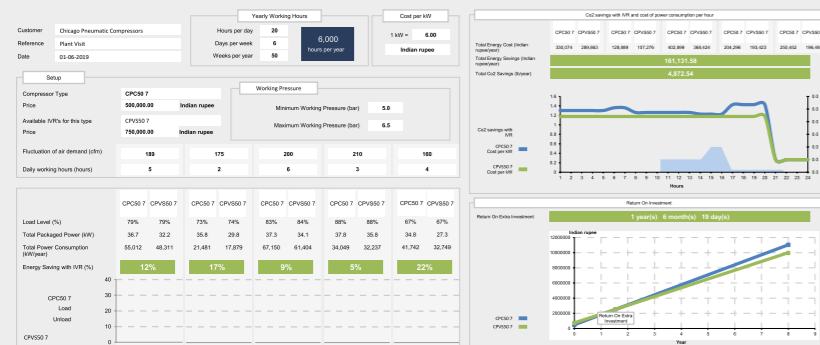


Energy Saving with Electronic Regulation

Electronic Regulation

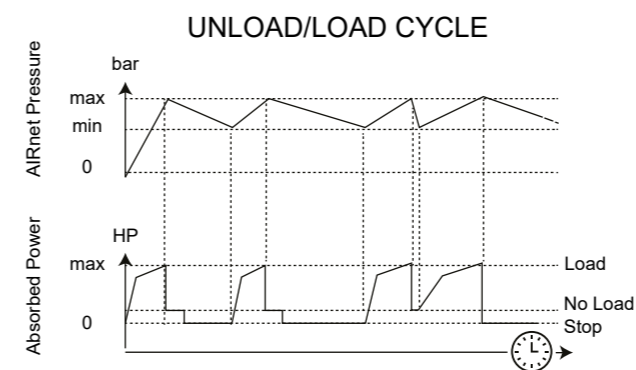
The ES 4000 electronic controller groups all the command controls and alarms of the machine. This device allows management of all running and control functions of the machine; eliminating need for supervision during working.

Energy audit



A frequency driven compressor potentially offers an energy efficient compressed air installation, with a return on investment of less than 18 months. To help you decide to go with a frequency driven compressor or not, Chicago Pneumatic has developed the Energy Cutter, a tool which calculates in an easy way and visually presents the yearly savings that can be obtained from investing in a frequency driven compressor for any specific industry. Besides the Energy Cutter tool, Chicago Pneumatic offers energy audits, specialized advice to make sure you make the right decision when buying your compressor.

Energy Saving



Technical Data

Inverter Driven

Model	HP	Pressure (BAR G)	Capacity @ 4 Bar	Capacity @ 7 Bar	Capacity @ 8 Bar	Capacity @ 10 Bar	Capacity @ 13Bar	dB (A)	End Connection	Weight KG	Dimensions (L X W X H) mm
			CFM	CFM	CFM	CFM	CFM				
CPVR 20	25	10	38 ~ 80	37 ~ 79	37 ~ 79	36 ~ 78	-	72	1"	420	1300 X 780 X 1200
CPVR 20	25	13	29 ~ 65	29 ~ 65	29 ~ 65	28 ~ 64	26 ~ 62	72	1"	420	1300 X 780 X 1200
CPVR 25	30	10	50 ~ 102	49 ~ 101	47 ~ 100	47 ~ 100	-	72	1"	460	1300 X 780 X 1200
CPVR 25	30	13	36 ~ 79	37 ~ 79	37 ~ 79	36 ~ 78	34 ~ 76	72	1"	460	1300 X 780 X 1200
CPVR 30	40	10	56 ~ 114	55 ~ 114	55 ~ 114	54 ~ 112	-	72	1"	485	1300 X 780 X 1200
CPVR 30	40	13	49 ~ 101	49 ~ 101	49 ~ 101	47 ~ 100	46 ~ 98	72	1"	485	1300 X 780 X 1200

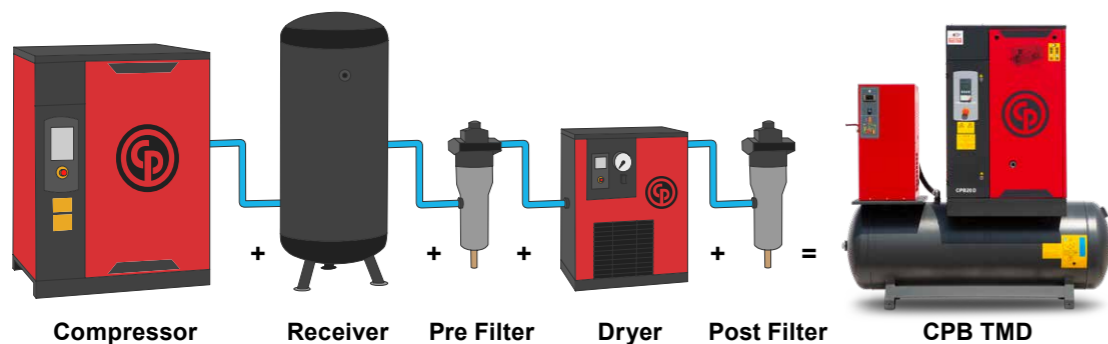
Fixed Speed

Model	HP	CFM @ BAR			dB (A)	End Connection	Weight in Kg.		Dimensions in mm	
		8	10	13			FM	TMD 500	FM	TMD 500
CPB 15	15	70	60	49	69	1"	335	530		
CPB 20	20	93	79	64	69	1"	360	570	800 X 800 X 1245	1880 X 805 X 1875
CPB 25	25	112	97	80	70	1"	370	600	800 X 800 X 1245	1880 X 805 X 1875
CPB 30	30	129	110	96	71	1"	395	620	800 X 800 X 1245	1880 X 805 X 1875
CPB 40	40	150	123	107	72	1"	505	-	1300 X 780 X 1200	-

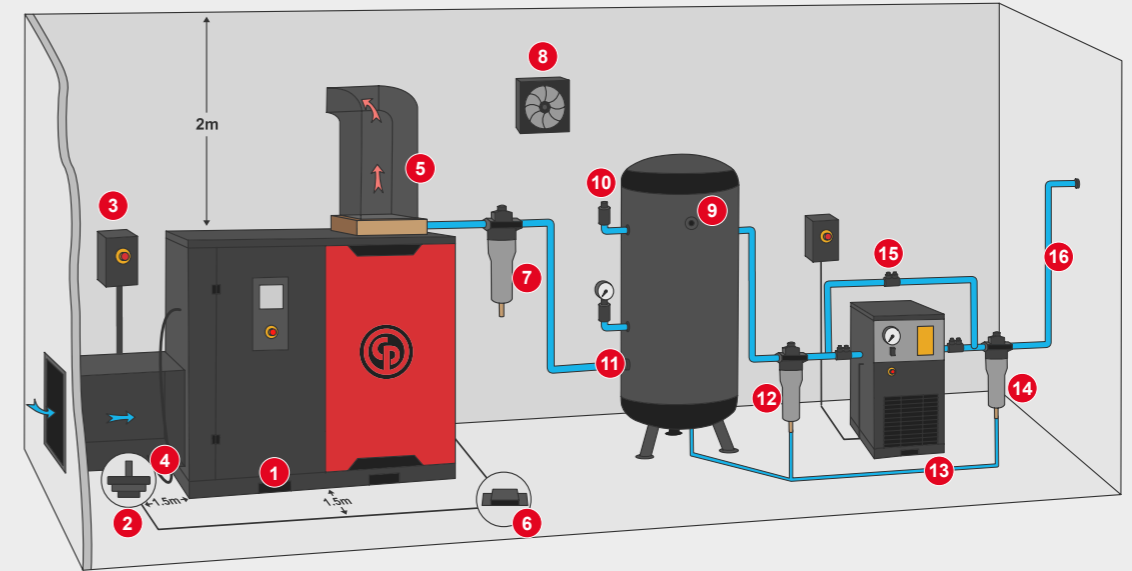
Note:

- Unit performance measured . according to ISO 1217 ed 4 2009. FM : Floor Mounted
- Noise level measured according to ISO2151. TMD : Tank Mounted with Dryer and filters
- Receiver capacity options are 500ltrs.

A Complete Compressed Air Package - CPB TMD 500



Maintenance and installation guidelines



- | | | | |
|----------------------------|----------------------|-------------------|------------------|
| 1 Compressor | 5 Exhaust dust | 9 Air receiver | 13 Dryer |
| 2 Earthing | 6 Floor leveling | 10 Safety valve | 14 After Filter |
| 3 SFU (Switch Fusing Unit) | 7 Moisture separator | 11 Pressure gauge | 15 By pass valve |
| 4 Copper cable | 8 Exhaust fan | 12 Pre-filter | 16 AIRnet piping |

Service Features

The Atlas Copco ATC is supported by a full range of service kits that come complete with all necessary parts and oils.

- Genuine parts guarantee extended compressor service life and reliability.
- Cost-effective service solution based on optimum service intervals.
- Save time and administration - no need to determine individual service parts.
- Off-the-shelf availability
- Atlas Copco's Piston Oil was specifically developed to offer sustainable lubricant properties even under demanding operating conditions.



We value your feedbacks and endeavour to continuously improve our products and services.

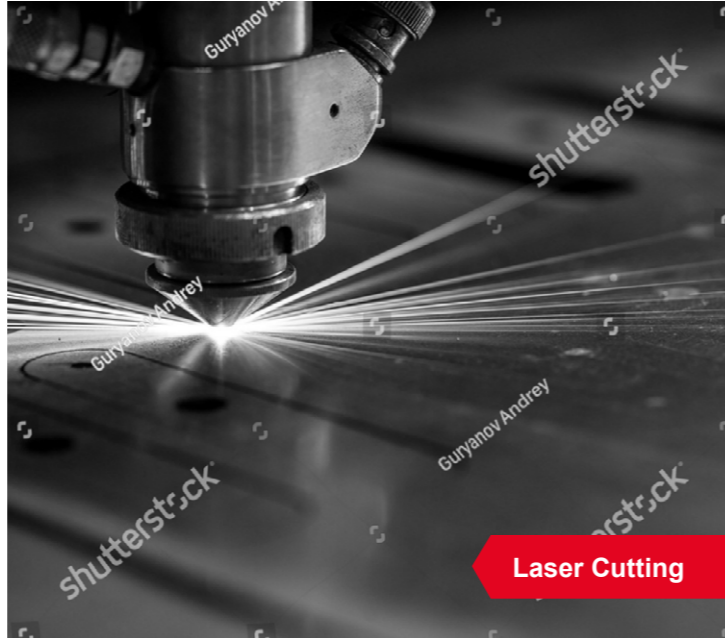
Service ahead of time.
Original parts, Your quality assurance.



We serve many industries...



Machining



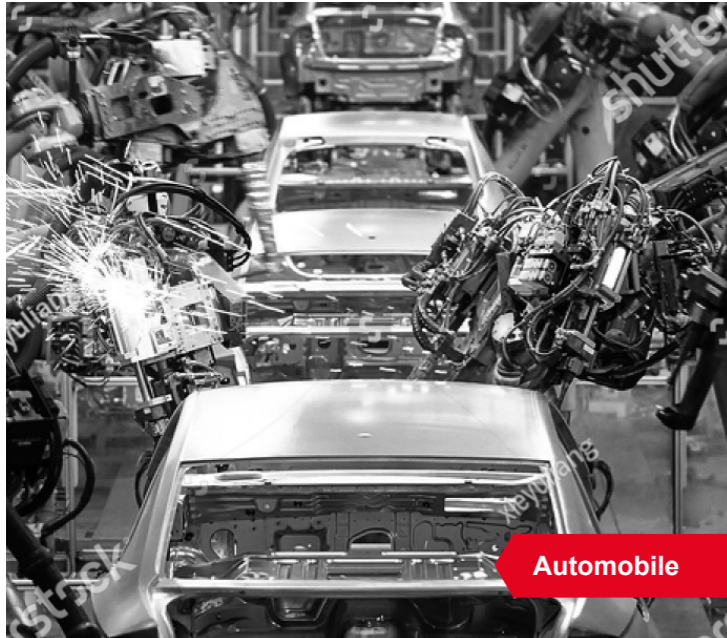
Laser Cutting



Metal Working



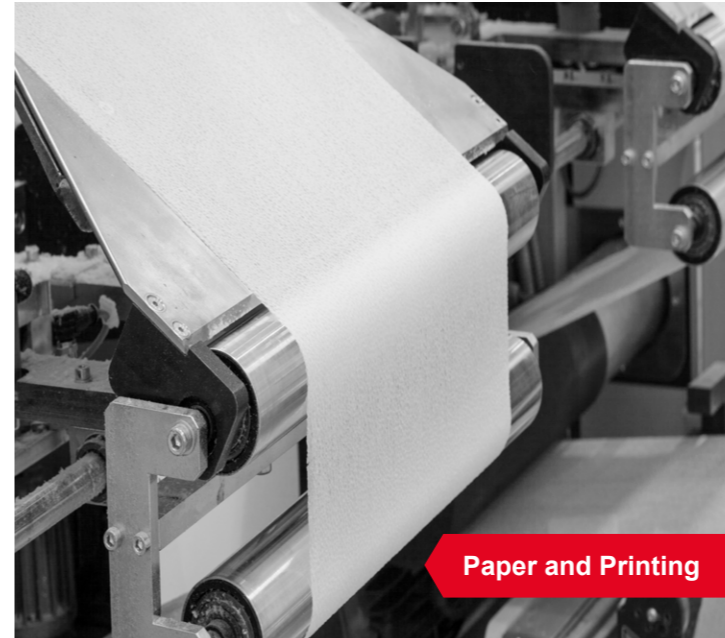
Wood Working



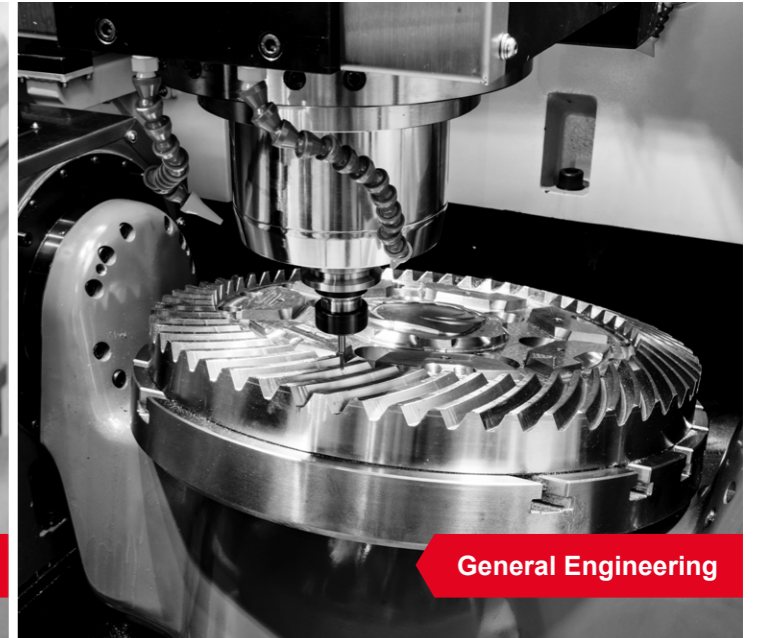
Automobile



Oil and Gas



Paper and Printing



General Engineering



Colour Sorter



Aerospace



Pharmaceutical



Spinning (Textile)



Since 1901 the Chicago Pneumatic name has represented reliability and attention to customer needs, with construction, maintenance and production 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



Spiral Air



PPNGs



TAS

Dealer Network

100+
Distributors
present across India

Chicago Pneumatic compressors have strong Distribution network operating from almost every state ensures effective reach to the products and services to the end users across the country. Of which, around 75% of dealers have been associated with us for more than 15 years.

To findout your nearest Distributor please check www.cp.com

Regional Customer Centers

Toll Free No.: 1800 200 0040
Email ID: customer.care@cp.com

West	Rushabh, II Floor, Near American Heart Institute, Ghodbunder Road, Thane (W) - 400601
North	Unitech Business Park, Tower - A, 1 st Floor, Block - F, Sector - 41, South City-I, Gurgaon - 122001
East	Merlin Acropolis, 14 th Floor, Office Unit No. 15/3, 1858/1, Rajdanga Main Road, Kolkata 700107, West Bengal, India.
Central	4 th Floor, Block A, Amsri Shamira Building, Old Lancer Lines, Secunderabad - 500 025
South	No. 1-A, Kushal Garden, Peenya Industrial Area, Peenya 2 nd Phase, Bangalore - 560 058

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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Pune - 411 012, Maharashtra, India.

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.

For more information, please contact your CP partner:

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