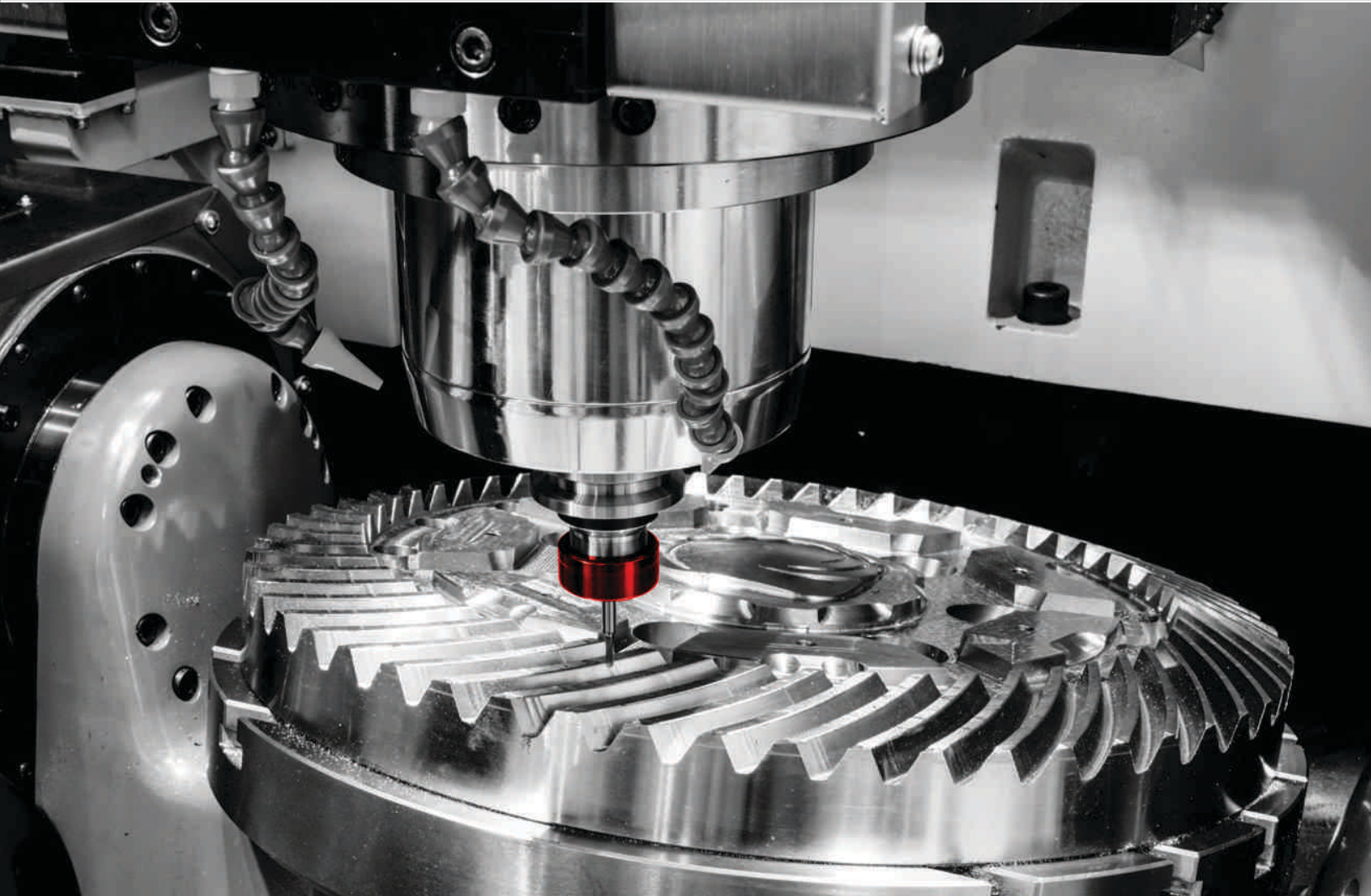


# Flexible Drive Rotary Screw Air Compressor

CPB 15- 40 HP



People.  
Passion.  
Performance.



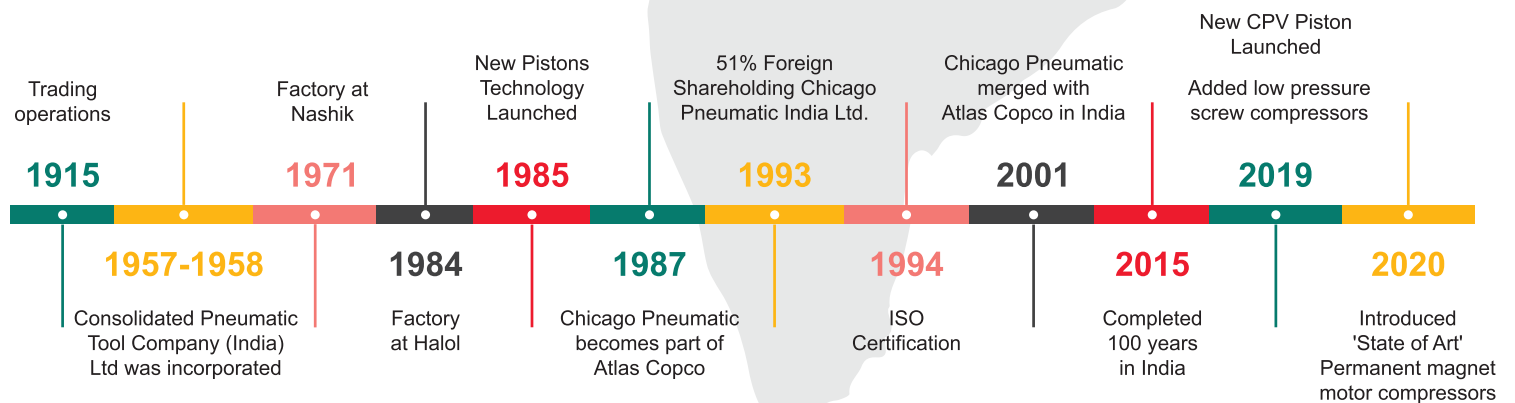
Chicago  
Pneumatic

# 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



# Benefits



Excellent performance

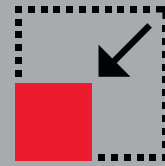
Assured reliability

Longer life

Continuous duty operation

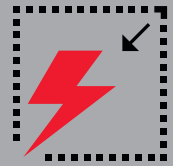
Lower oil residual in compressed air

Pulsation free air



35%

LESS FLOOR SPACE

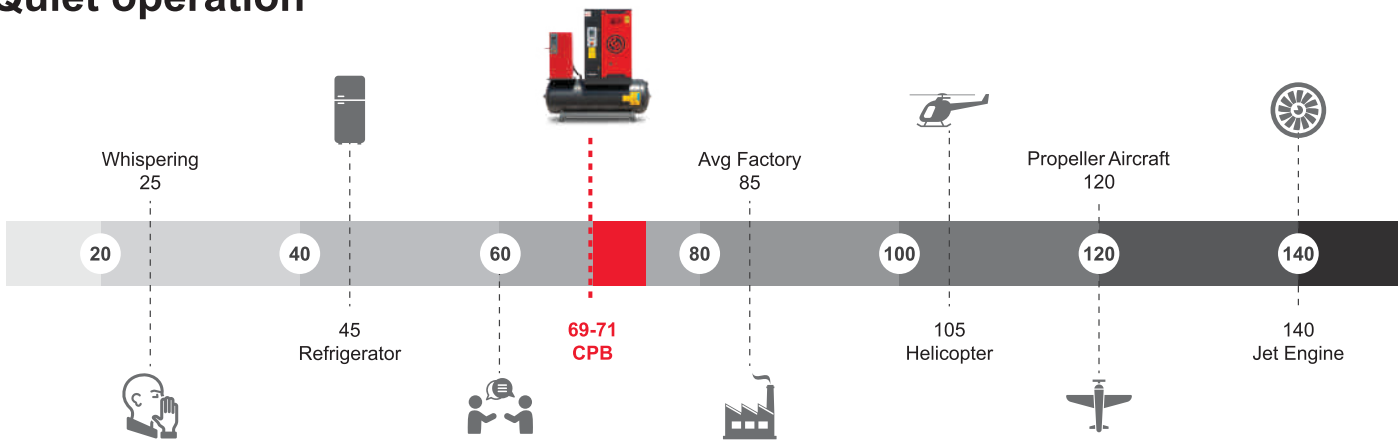


15%

LESS ENERGY CONSUMPTION

\*note: compared to previous design

## Quiet operation



## Designed for India's tropical conditions:

	European Condition	Tropical Condition
<b>Temp</b>	Max 20° C Min Sub Zero	Max 50° C Min Varying
<b>Environment</b>	Dust Free, Pressurized & Ventilated	Dusty Industrial
<b>Mindset</b>	Use & Throw	Use & Continue using

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

# Product Features

## Flexible Drive Rotary Screw Air Compressors

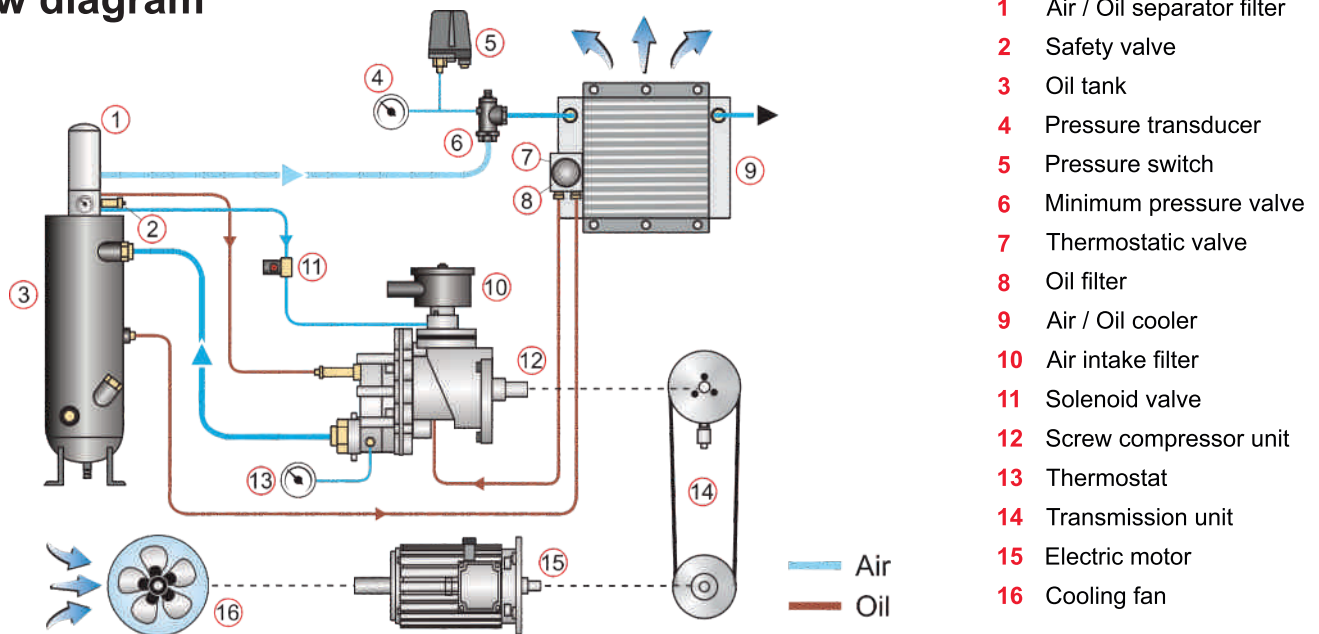


## Unique design- Pressurized acoustic canopy and Pre filter

- Pre filter avoid 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 low of cool ambient air
- Pressurized canopy interior avoids any suction pressure drop decreases compressor ratio



## Flow diagram



## Product variants - The CPB range

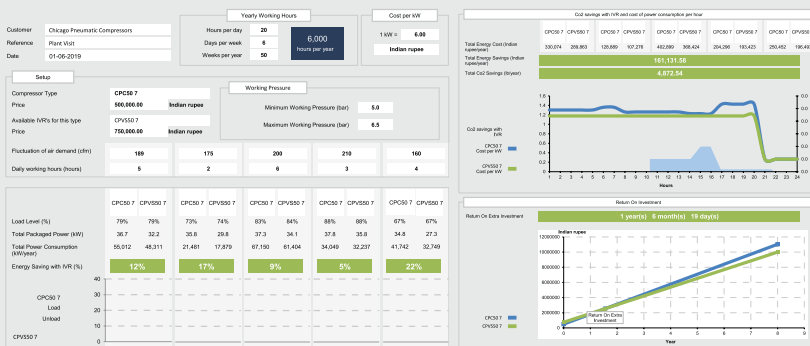
<p><b>CPB Floor Mount</b></p>	<p><b>CPVR Floor Mount/TMD</b></p>	<p><b>CPB Tank Mounted With Dryer</b></p>
<ul style="list-style-type: none"> <li>• Small foot print</li> <li>• Plug to existing receiver</li> </ul>	<ul style="list-style-type: none"> <li>• Built in Inverter Drive (IVR) drive</li> <li>•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

# 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.



## Energy audit



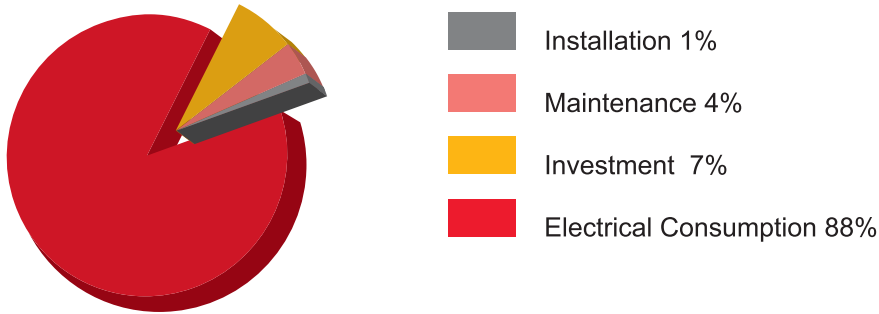
An IVR compressor potentially offers upto 30% energy savings, with an ROI less than 18 months.

Chicago Pneumatic has developed the Energy cutter, a tool that calculates yearly savings from an IVR compressor.

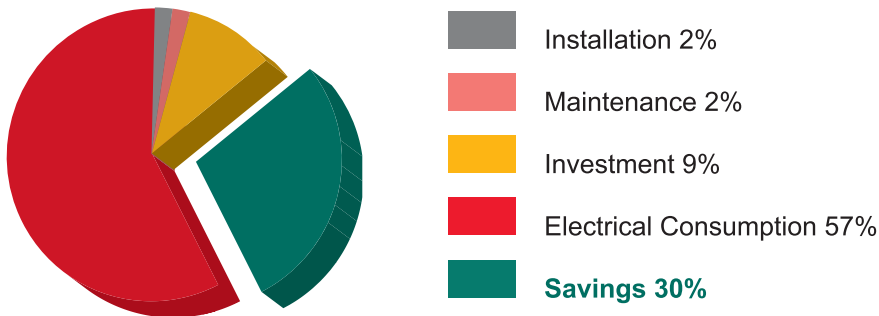
We offer energy audits, specialized advice to make sure you make the right decision when buying your compressor.

# Life Cycle Cost

## Fixed Speed



## IVR



Lower Power Costs  
=  
SAVINGS

Lower Power Consumption  
=  
ENVIRONMENTAL FRIENDLINESS

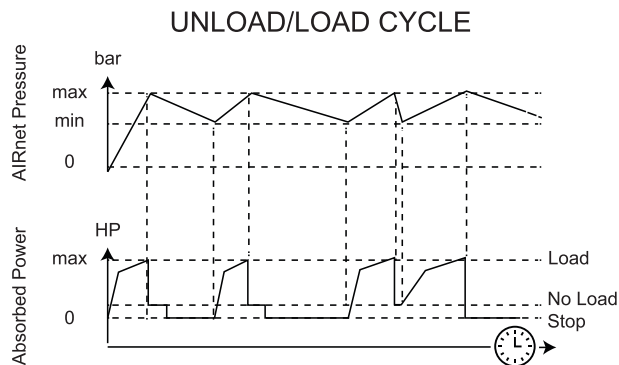


# Energy Saving with Electronic Regulation

## 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 Saving



# Technical Data

## Inverter Driven

Model	Pressure (BAR G)	CFM @ BAR					dB (A)	End Connection	Weight KG	Dimensions (L X W X H) mm
		5	7	8	10	13				
		CPVR 15	7 ~ 13	-	23 ~ 58	-				
CPVR 20	5 ~ 13	26 ~ 62	37 ~ 79	37 ~ 79	36 ~ 78	26 ~ 62	72	1"	420	1300 X 780 X 1200
CPVR 25	5 ~ 13	34 ~ 76	49 ~ 101	47 ~ 100	47 ~ 100	34 ~ 76	72	1"	460	1300 X 780 X 1200
CPVR 30	5 ~ 13	46 ~ 98	55 ~ 114	55 ~ 114	54 ~ 112	46 ~ 98	72	1"	485	1300 X 780 X 1200

## Fixed Speed

Model	HP	CFM @ BAR			dB (A)	End Connection	Weight KG		Dimensions (L X W X H) mm	
		8	10	13			FM	TMD 500	FM	TMD 500
		CPB 15	15	70			60	49	69	1"
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	-

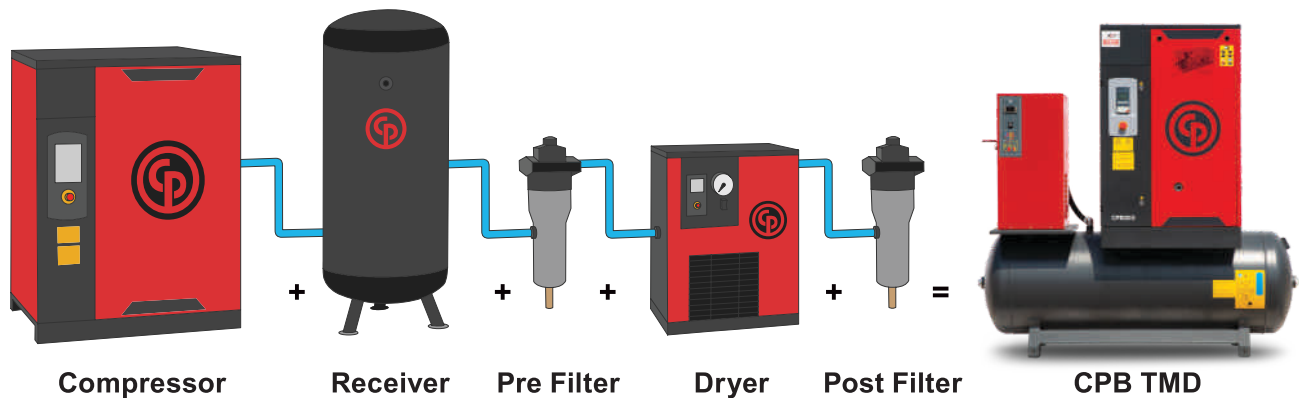
Note:

- Noise Level is measured as per ISO 2151 / Pneurop / CAGI PN8NTC2
- Receiver Capacity Option is 500 Litres
- Unit Performance is measured as per ISO 1217 Ed 4 Ann E 2009

FM : Floor Mounted

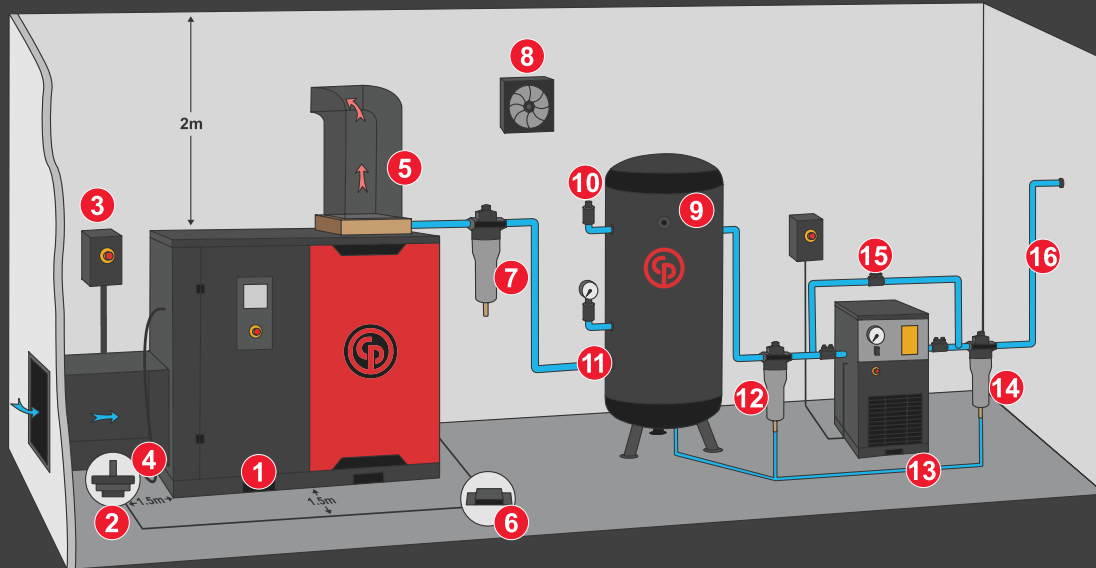
TMD : Tank Mounted with Dryer and Filters

## 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 |

## AirXtend

Have complete peace of mind with **AirXtend**, our extended warranty plan on **Screw Element**



Be it any application, the reliable operation of your compressor is key. With our AirXtend, maintenance is done at the right time by professionals who know your equipment inside and out.

-  Have a complete peace of mind with AirXtend, our extended warranty plan on Screw element.
-  Using original parts and lubricants will uphold your system's energy efficiency and prevent pressure drop as all consumables are replaced on time using genuine parts.
-  High uptime and energy efficiency reduce the operating cost of your compressor. In addition, AirXtend gives you maximum control over your budget.
-  We give you top priority and support in case of urgent repair, after all you are an Extended Warranty + customer.
-  No unnecessary spending.
-  We order original parts in advance to avoid piling up of the inventory.



\*Local models only  
\*For more details contact service representative

To know more visit us at  
[www.cp.com/en-in/Compressors](http://www.cp.com/en-in/Compressors)



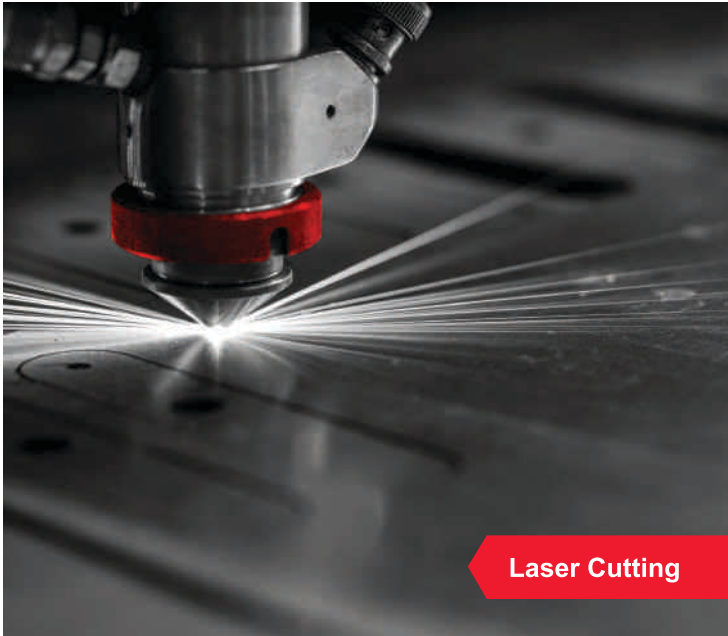
We value your feedbacks and endeavour to continuously improve our products and services.

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

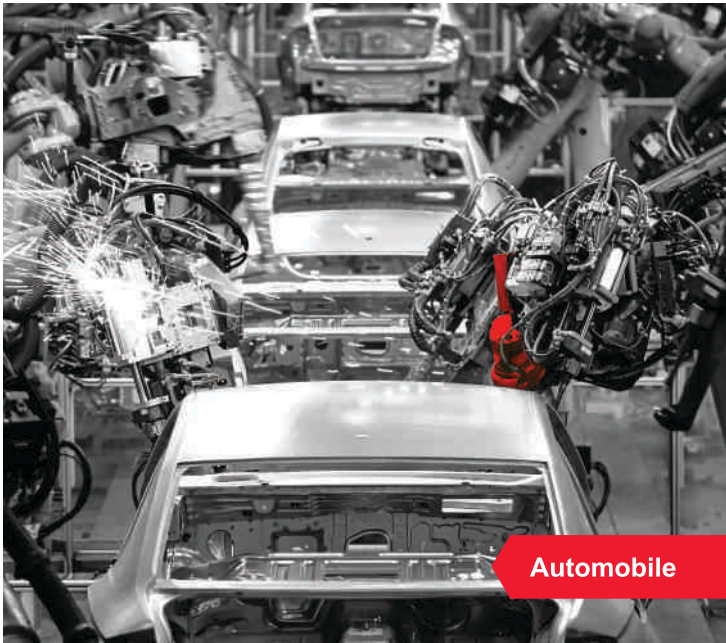
We serve many industries...



Machining



Laser Cutting



Automobile



Oil and Gas



Colour Sorter



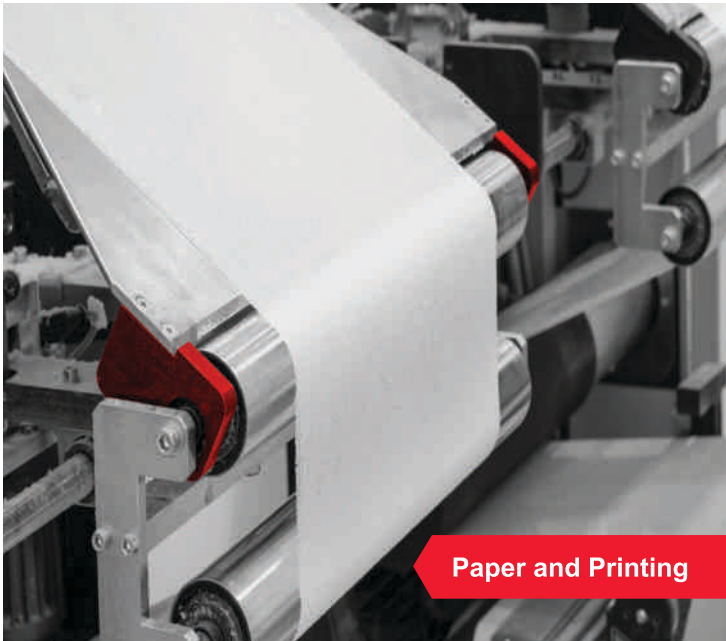
Aerospace



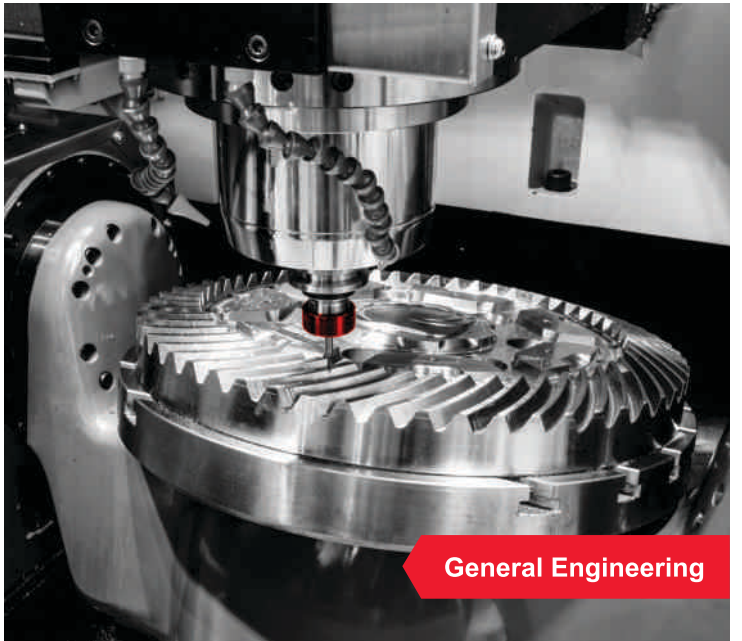
Metal Working



Wood Working



Paper and Printing



General Engineering



Pharmaceutical



Spinning (Textile)



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](http://www.cp.com).

## Chicago Pneumatic : Full Offer, Global Presence



TMD



CPVS



WIS AIR



Spiral AIR



PPNGs



TAS



CPV

Chicago Pneumatic Compressors  
Sveanagar, Mumbai-Pune Highway, Dapodi,  
Pune - 411012, Maharashtra, India.



Design  
Manufacturing, 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

### Dealer Network

**100+**  
**Distributors**  
present across India

*Chicago Pneumatic compressors have a strong distribution network throughout India. Operating from almost every state ensures effective reach of products and services to end users across the country. Around 75% of these distributors have been associated with us for more than 15 years.*

*To find your nearest distributor please visit [www.cp.com](http://www.cp.com)*

### Regional Customer Centers

West	Mumbai
North	Gurgaon
East	Kolkata
Central	Hyderabad
South	Bengaluru

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

**Powered by a strong  
aftermarket support  
at your doorstep**



**Toll Free No.: 1800 120 110040 | Email : [customer.care@cp.com](mailto:customer.care@cp.com)**

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