

Flexible Drive Rotary Screw Air Compressor

15 - 30 HP



People.
Passion.
Performance.



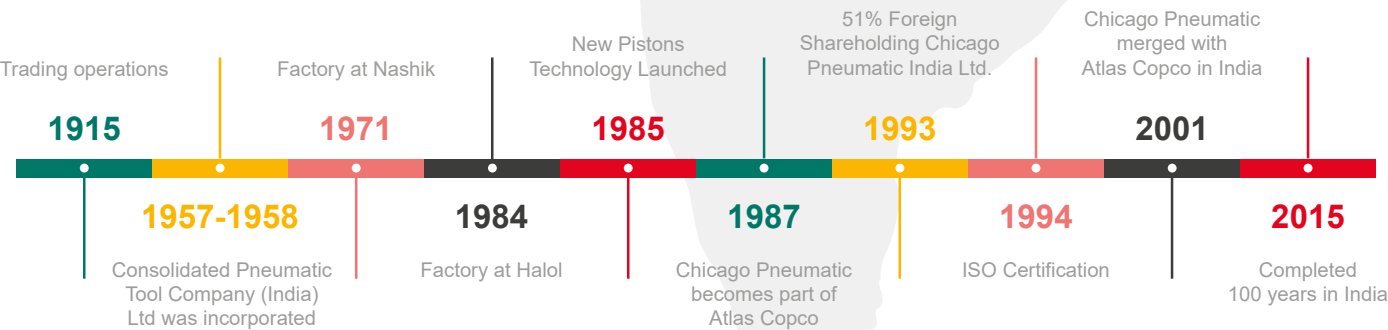
Chicago
Pneumatic

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

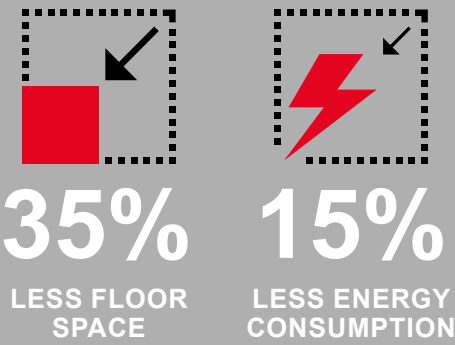
Assured reliability

Longer life

Continuous duty operation

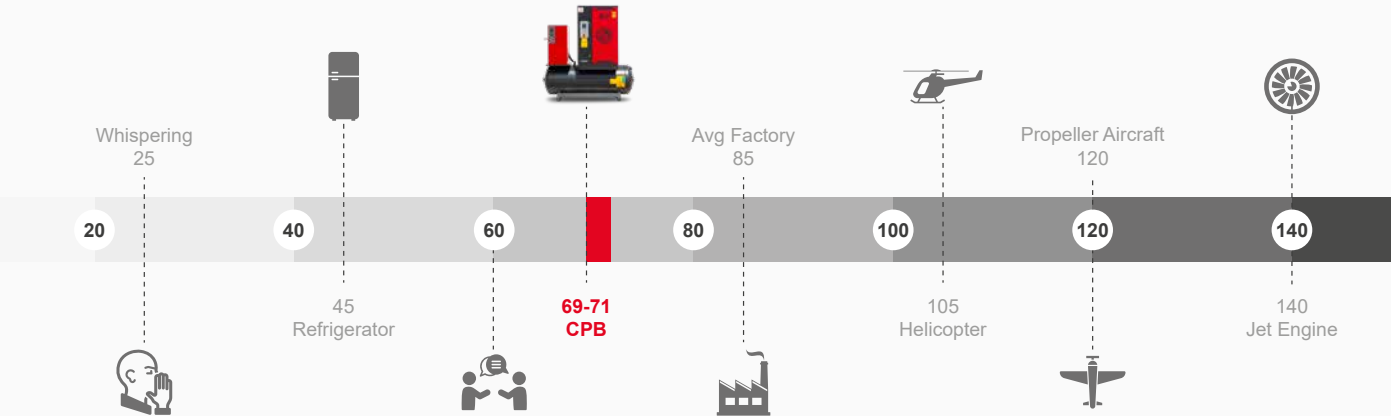
Lower oil residual in compressed air

Pulsation free air



*note: compared to previous design

Quiet operation



Specially 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

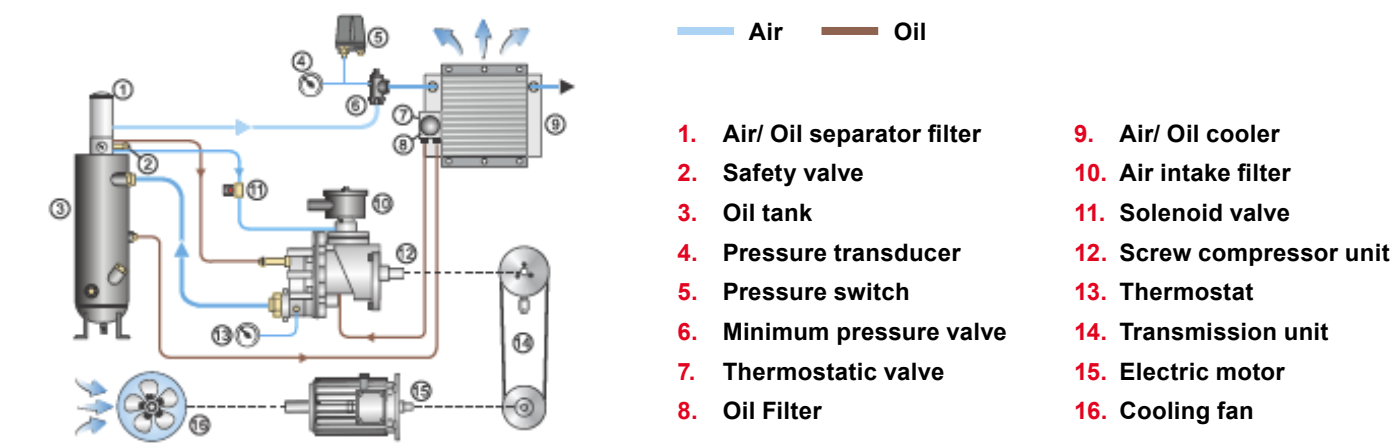


Unique design - Pressurized canopy and pre filter

- 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
• Small foot print • Plug to existing receiver	• Built in Inverter Drive (IVR) drive • Saves upto 35% Power	• For moisture free and oil free application (with dryer and filter)

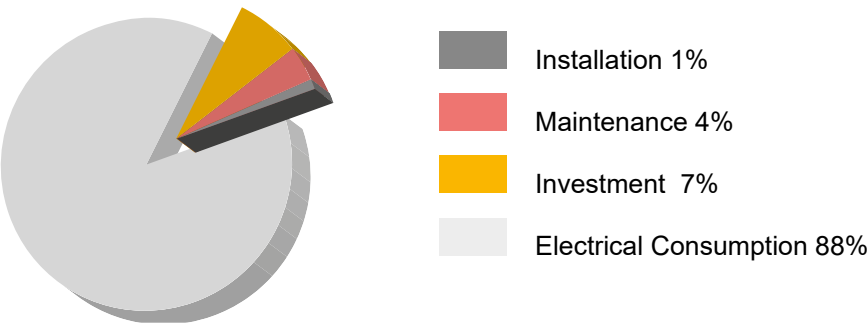
Inverter drive (IVR)

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.

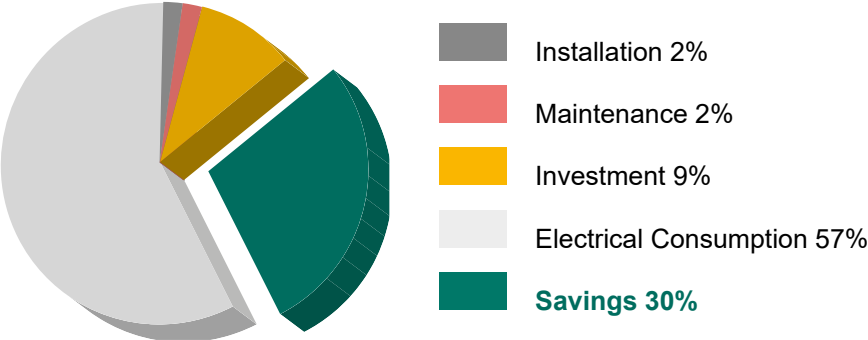


Life Cycle Cost

Fixed Speed



IVR



Reducing electricity consumption means:

Lower Power Costs = SAVINGS

Lower Power Consumption = ENVIRONMENTAL FRIENDLINESS

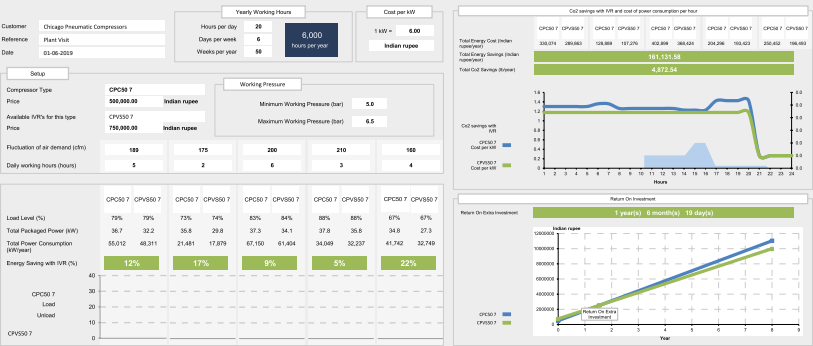


Energy Saving with Electronic Regulation

Electronic Regulation

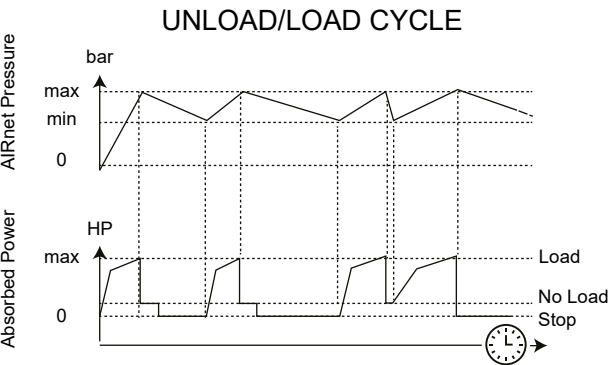
The ES 4000 electronic controller groups all the command controls and alarms of the machine. This device allows management of all running and control functions of the machine; eliminating need for supervision during working.

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									End Connection		
	HP	Pressure (BAR G)	Capacity @ 4 Bar CFM	Capacity @ 7 Bar CFM	Capacity @ 8 Bar CFM	Capacity @ 10 Bar CFM	Capacity @ 13Bar CFM	dB (A)			
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						End Connection				
	HP	CFM @ BAR			dB (A)		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:

1. Unit performance measured . according to ISO 1217 ed 4 2009.

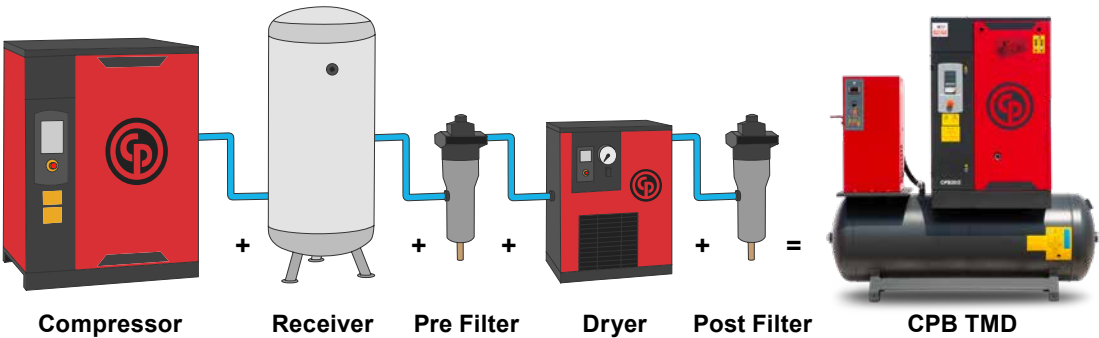
2. Noise level measured according to ISO2151.

3. Receiver capacity options are 500ltrs.

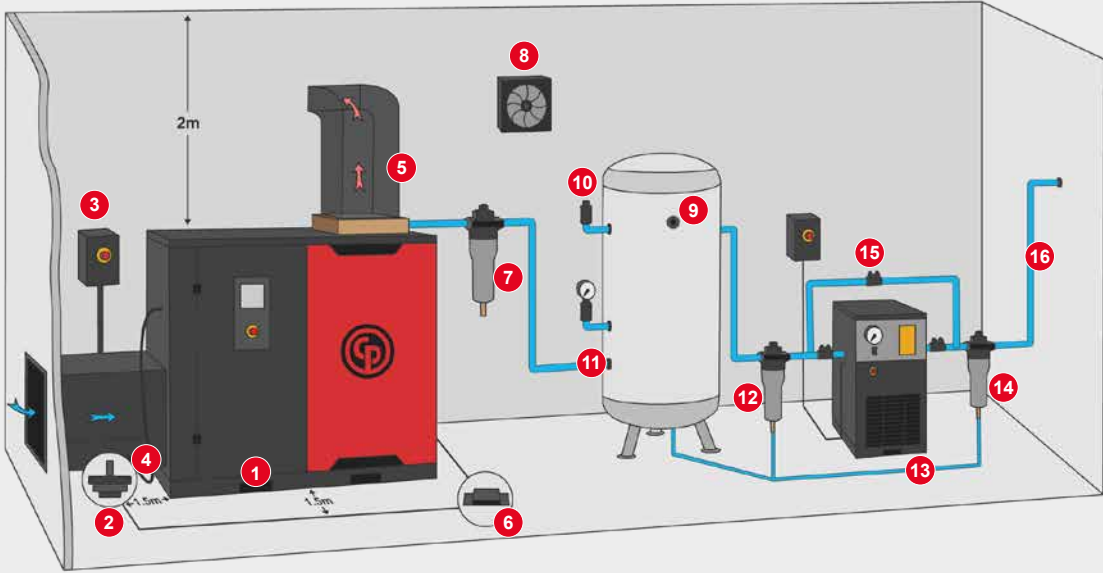
FM : Floor Mounted

TMD : Tank Mounted with Dryer and filters

A Complete Compressed Air Package - CPB TMD 500



Maintenance and installation guidelines



- 1 Compressor

2 Earthing

3 SFU (Switch Fusing Unit)

4 Copper cable
- 5 Exhaust dust

6 Floor leveling

7 Moisture separator

8 Exhaust fan
- 9 Air receiver

10 Safety valve

11 Pressure gauge

12 Pre-filter
- 13 Dryer

14 After Filter

15 By pass valve

16 AIRnet piping

Service Features

Quality products ably supported by quality service!

At Chicago Pneumatic, it is our constant endeavour to provide you with the best equipment and service solutions. Our compressors are supported by a network of trained service support and ensure spare parts availability. They are available for any technical consultation to optimize the performance of your equipment and ensure reliable operation. With a wide network spread accross the country, we are never too far away, to help you solve your problems. Anytime, Anywhere.

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

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

24/7

Service ahead of time.

Secure Assurance. Built To Last.

We serve many industries...



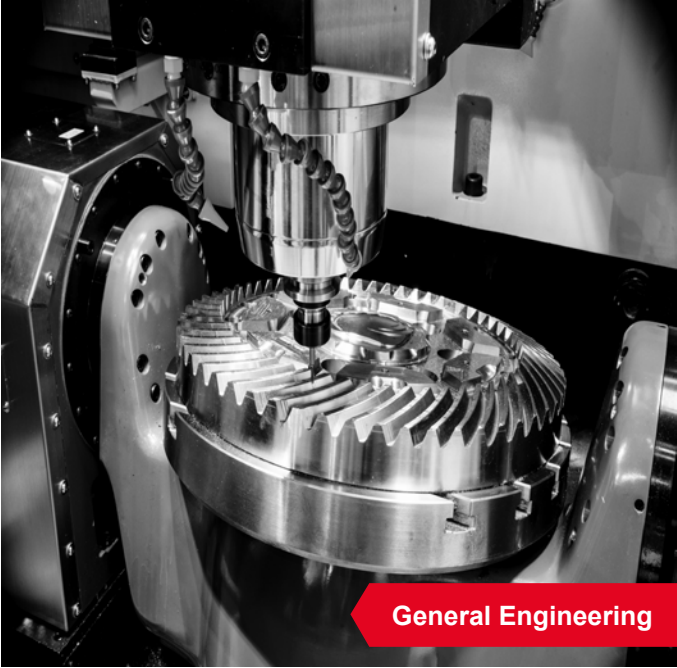
Colour Sorter



Wood Working



Paper and Printing



General Engineering



Pharmaceutical



Textile Printing



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, 1st Floor, Block - F, Sector - 41, South City-I, Gurgaon - 122001

East

Merlin Acropolis, 14th Floor, Office Unit No. 15/3, 1858/1, Rajdanga Main Road, Kolkata 700107, West Bengal, India.

Central

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

South

No. 1-A, Kushal Garden, Peenya Industrial Area, Peenya 2nd 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



Chicago Pneumatic Compressors

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Pune - 411 012, Maharashtra, India.

For more information, please contact your CP partner:

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