



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



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

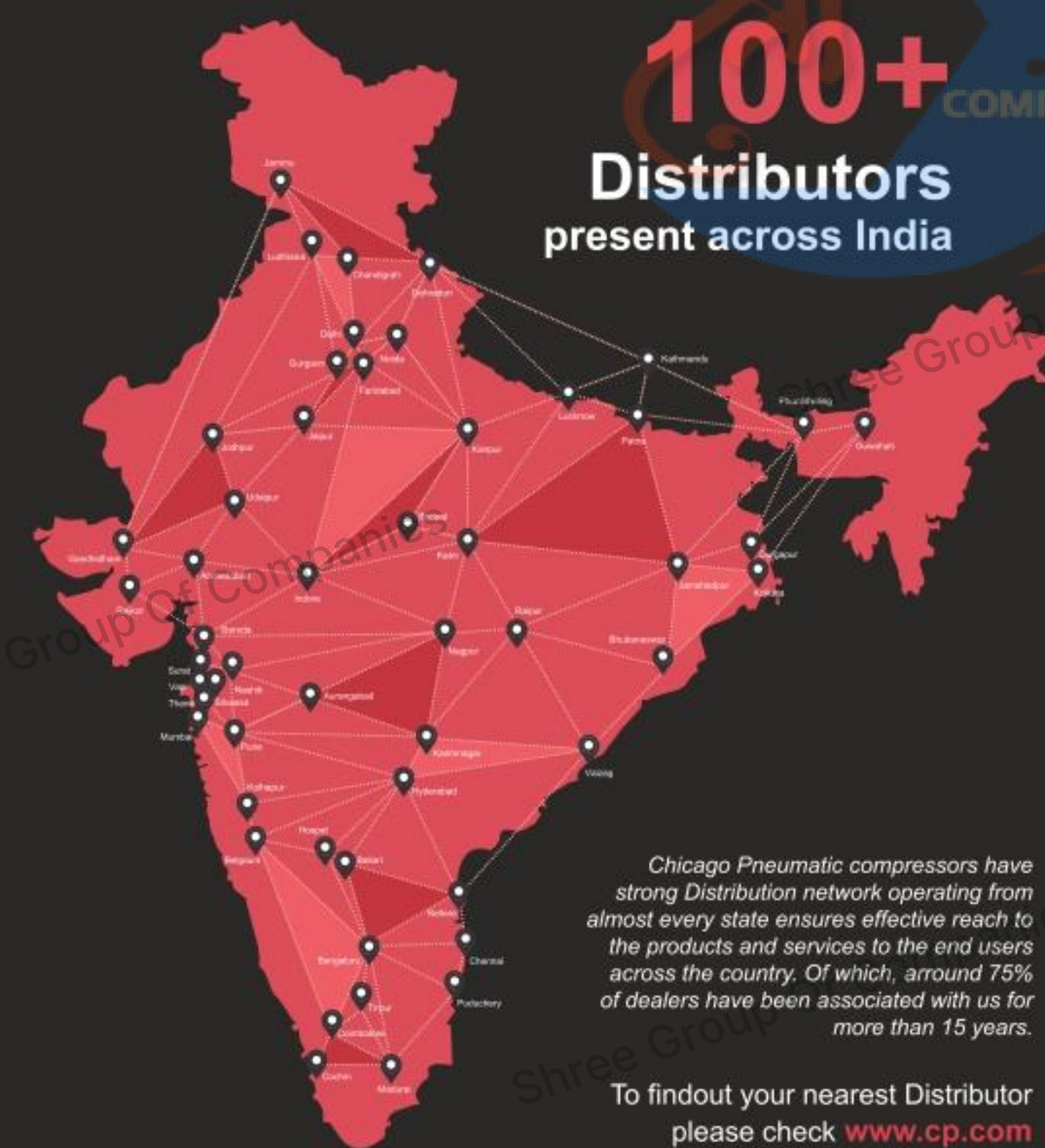


Design  
Manufacture, Sales and  
Service of air compressors,  
Air dryers and air filters



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

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

### Regional Customer Centers

#### West

'Rushabh', 2nd Floor, Adjacent to Hotel  
'Silverador Boutique', Manpada, Ghodbunder Road,  
Thane (W) - 400607, Maharashtra, India

#### North

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

#### East

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

#### Central

404, Fourth Floor Amsri Shamira, Old Lancer Lines,  
Secunderabad 500025, India

#### South

No.1-A, 5th Floor, Kushal Garden,  
Systems Compound, Peenya Industrial Area,  
2nd Phase, Bangalore 560058, India

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

Dealer Stamp



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

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[www.cp.com](http://www.cp.com)  
Contact : 9300723311

## Flexible Drive Rotary Screw Air Compressors 10-20 HP



**People.  
Passion.  
Performance.**



**Chicago  
Pneumatic**

Contact : 9300723311



## Preferred Choice Across Multiple Industries



## Service Features

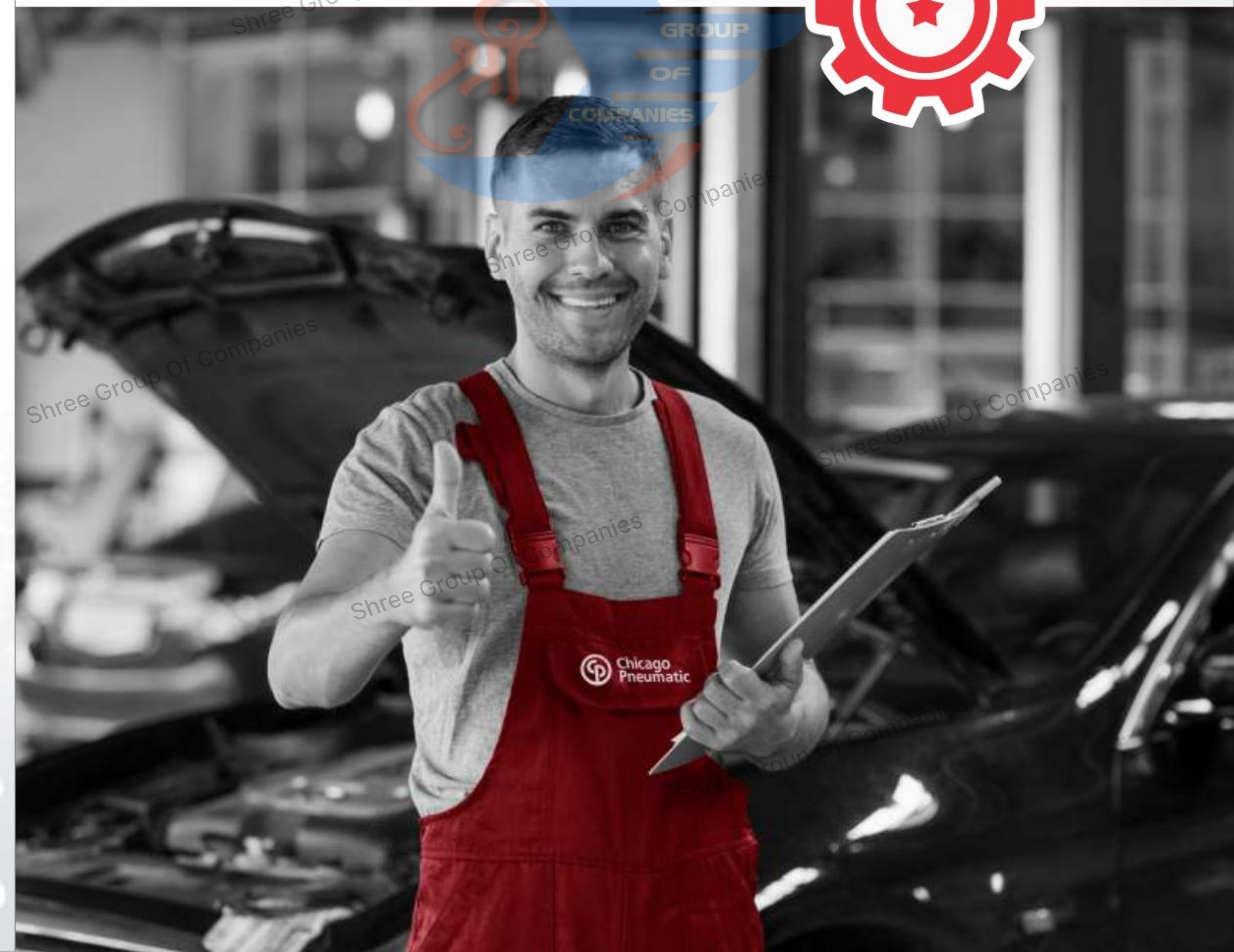
### Quality products ably supported by quality service!

Chicago Pneumatic 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 solutions based on optimum service intervals
- Save time and administration - no need to determine individual service parts
- Off-the-shelf availability
- Chicago Pneumatic piston oil was specifically developed to offer sustainable lubricant properties even under demanding operating conditions.

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

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





## Technical Data

### Inverter Driven

Model	In bar G	In bar G HP kW	Capacity CFM Min Max	Noise db (A)	End Connection	Weight (KG)	L W H in mm
CPVR 15/7	7	15 11	23 58	68	3/4"	230 FM* Version	FM : 851 X 590 X 1090 TMD 500 : 1900 X 590 X 1470
CPVR 15/10	10	15 11	20 50	68	3/4"		
CPVR 15/13	13	15 11	17 43	68	3/4"	765 TMD* Version	

### Fixed Speed

Model	HP	CFM 7 10 13	Noise db (A)	End Connection	Weight (KG) FM TM TMD TMD	L W H in mm
CPA 10	10	45 38 30	68	1/2"	180 245 300 365	FM : 855 X 590 X 1090 TM 270 : 1600 X 630 X 1340 TMD 270 : 1550 X 630 X 1340 TMD 500 : 1900 X 630 X 1470
CPA 15	15	63 44 44	68	1/2"	195 265 320 385	
CPA 20	20	73 53 53	68	1/2"	205 270 335 400	

#### Note:

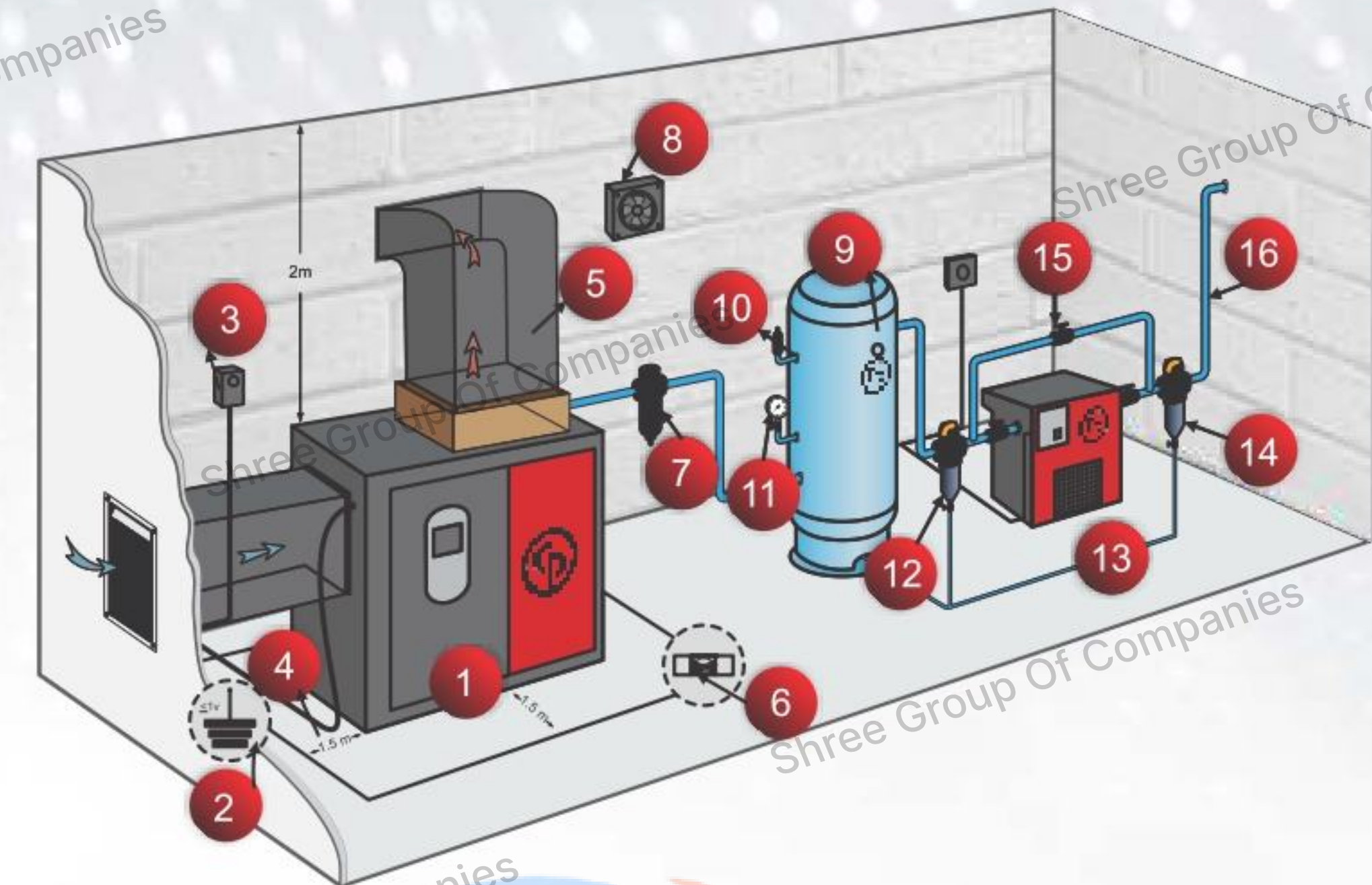
- Unit performance measure according to ISO 1217 Ed 4 2009.
- Noise level measured according to ISO 2151/ Pneurop / CAGIPN8NTC2
- Receiver capacity options are 270 and 500 L (For TMD)

FM : Floor Mounted

TM : Tank Mounted Compressor (270 L)

TMD : Tank Mounted Compressor with Dryer and Filters (270 and 500 L)

## 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<br>(Switch Fusing Unit) | 7 Moisture separator | 11 Pressure gauge | 15 Bypass valve   |
| 4 Copper cable                | 8 Exhaust fan        | 12 Pre filter     | 16 Air Net piping |

## Air Xtend

Have Complete Peace of Mind with **Air Xtend**,  
Our Extended Warranty Plan On **Screw Element**



\*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)



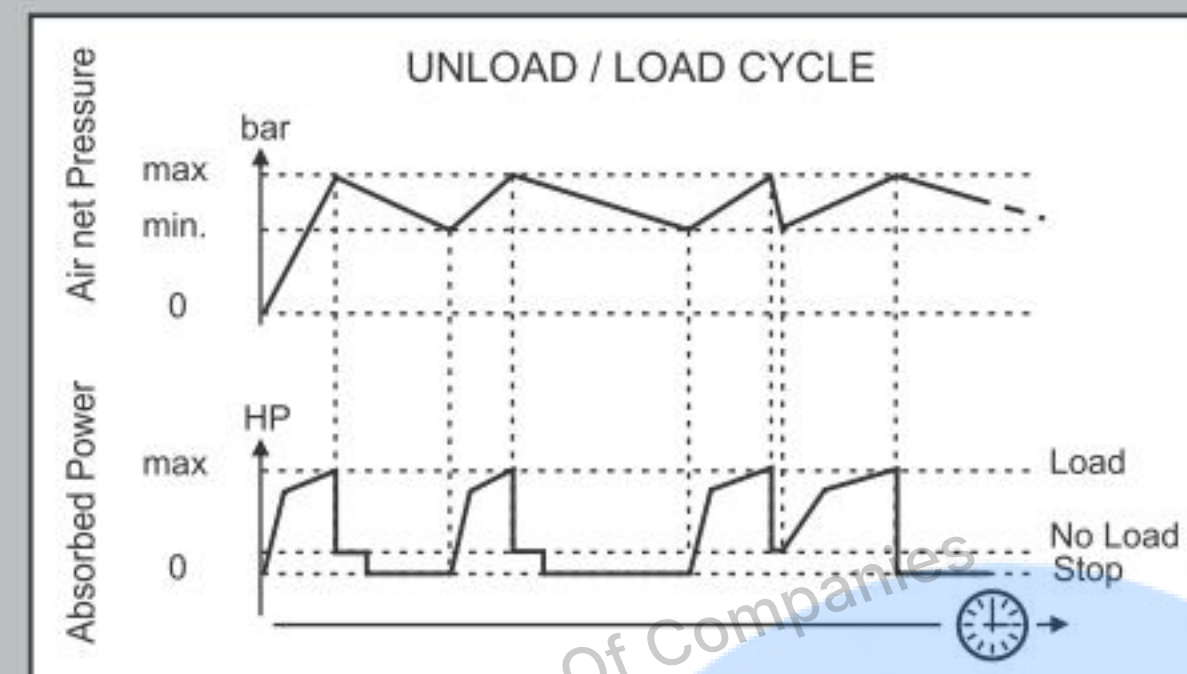
## Energy Saving With Electronic Regulation

### 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



### Life Cycle Cost

#### Fixed Speed



- Installation 1%
- Maintenance 4%
- Investment 7%
- Electrical Consumption 88%

#### IVR



- Installation 2%
- Maintenance 2%
- Investment 9%
- Electrical Consumption 57%
- Savings 30%

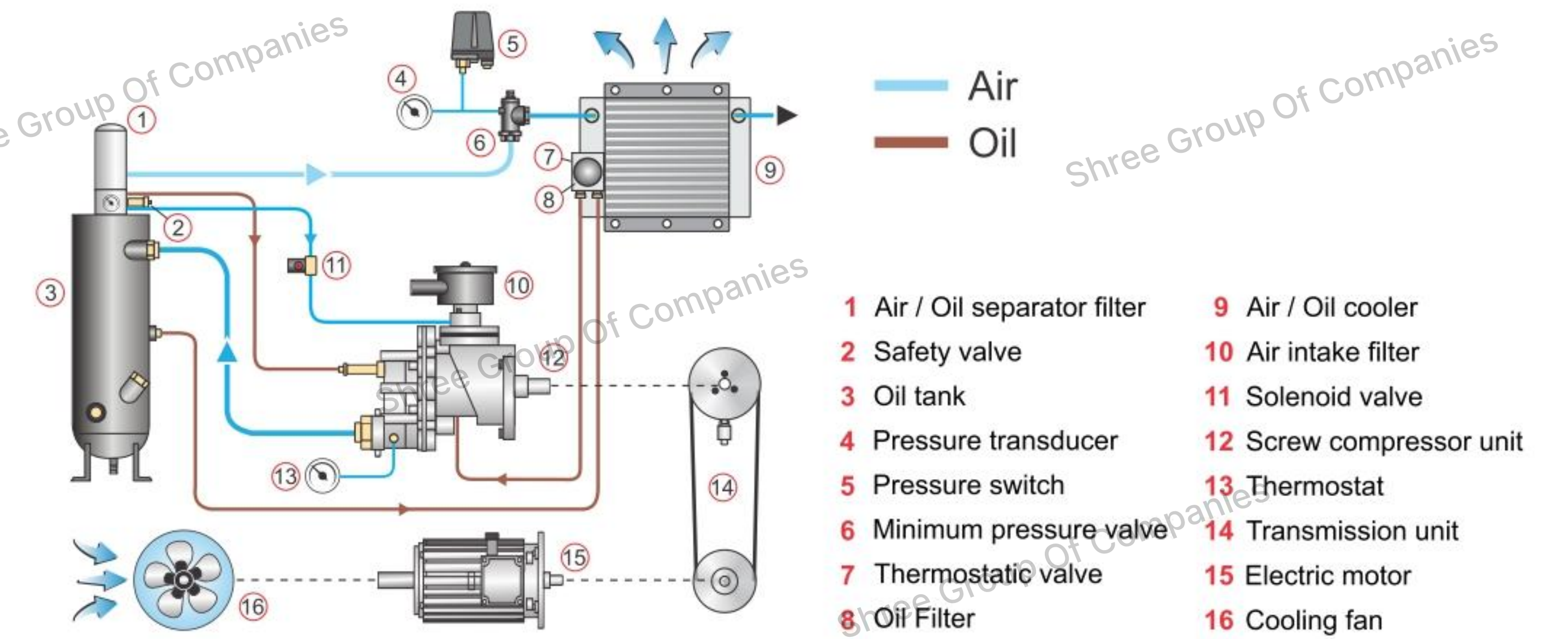
### Reducing electricity consumption means:

Lower Power Costs  
= SAVINGS

Lower Power Consumption  
= ENVIRONMENTAL  
FRIENDLINESS



## Flow Diagram



### Product Variants - The CPA Range

#### CPA Floor Mount

- Small footprint
- Plug to existing receiver



#### CPVR TMD 30

- Built in Inverter Drive (IVR)
- Saves upto 35% Power



#### CPA Tank Mounted Compressor with Dryer (270 and 500 L tank)

- For moisture free and oil-free applications (with dryer and filter)
- 270 series - For steady air demand
- 500 series - For fluctuating air demand



#### CPA Tank Mounted Compressor (270 L tank)

- All in one compact solution
- Smaller footprint and ease of installation





## Product Features - Flexible Drive Rotary Screw Air Compressors



**Screw Element**  
Robust And Silent



**ES 4000**  
24x7 Compressor  
Surveillance  
User Friendly



**Oil Separation System**  
3 Stage Effective  
Oil Separation



**Electrical Cubicle**  
Monitors Power  
Management



**CPA Unit  
Performance**  
100% Factory  
Tested & Certified



**Air Inlet Duct With Fan**  
Guides Air Flow  
Through The  
Compressor



**Pre-filter Panel**  
Breathes In  
Dust Free Air



**Electric Motor**  
High Efficiency  
TEFC Motor



**Combination Cooler**  
Aluminum With Fine  
Fins Design For  
Efficient Cooling



**Flexible Drive**  
Reliable and  
Relentless Operation



## 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 and decreases compressor ratio



### 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.

IVR Saves Over  
30% Power And Thus  
Ensures Faster  
Payback

Built-in IVR Drive  
For Maximum  
Reliability

Factory Tested Machine  
At Critical Speed To  
Minimize Vibration/  
Resonance Risk

Eliminates  
Unloading Power  
To Almost 0%

Regulates  
Pressure Within  
0.1 Bar.

Assures Constant  
Power Factor

Assures  
Reduced Carbon  
Dioxide Emissions

Helps  
Save The  
Environment



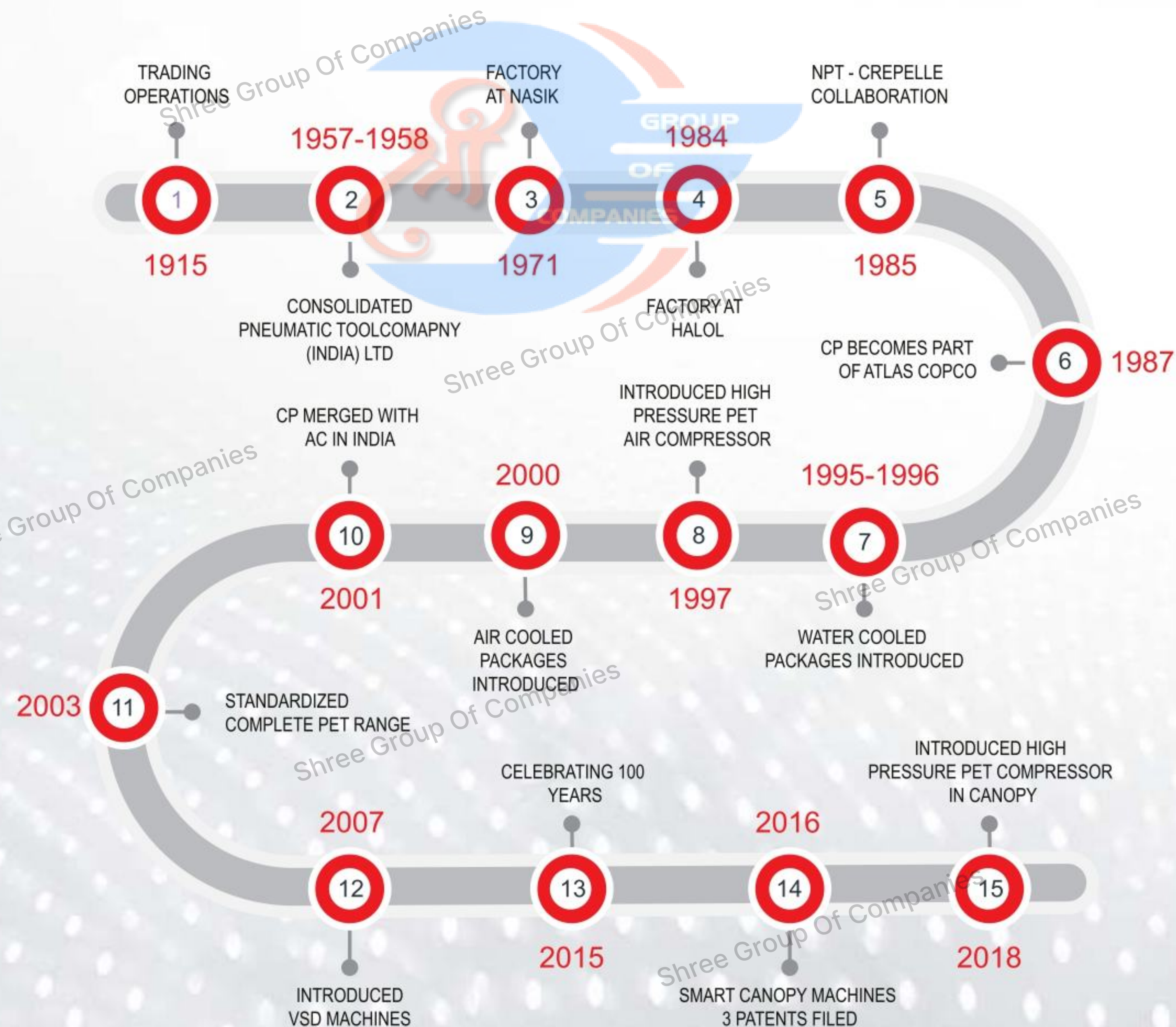


## Over A 100 Years Of Industrial Excellence In India

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.

**100+**  
1915 2015  
YEARS



## Designed For Tropical Conditions

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

### Screw Element



### Why tropical design?

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

### Key Benefits:

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

### Quiet Operation

- Rotary Screw Technology
- Sound Enclosure Helps In Noise Reduction



### A Complete Compressed Air Package - CPA TMD 500

