

120 YEARS

15-40 HP

**Flexible Drive Rotary Screw
Air Compressor**



People. Passion. Performance.

Contact : 9300723311

 **Chicago
Pneumatic**

People. Passion. Performance.

Chicago Pneumatic : Full Offer, Global Presence



Tank mounted
compressor package



Inverter driven
compressors



Water injected
screws



Scroll
compressors



Gas
generators



Air
treatment



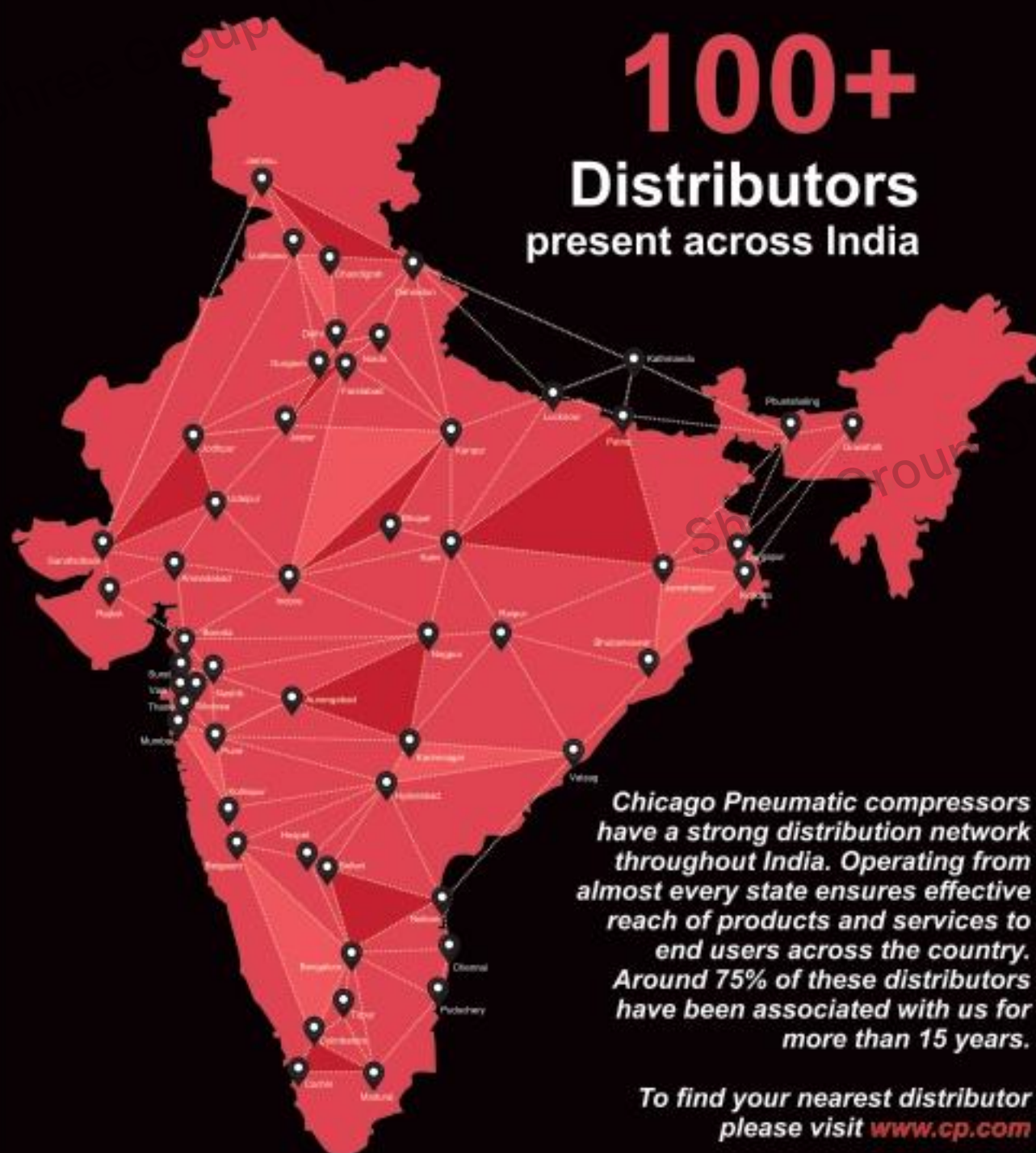
CPV



PM motor
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



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

Chicago Pneumatic Compressors:

Sveanagar, Mumbai-Pune Highway, Dapodi, Pune - 411012, Maharashtra, India.

Dealer Stamp



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



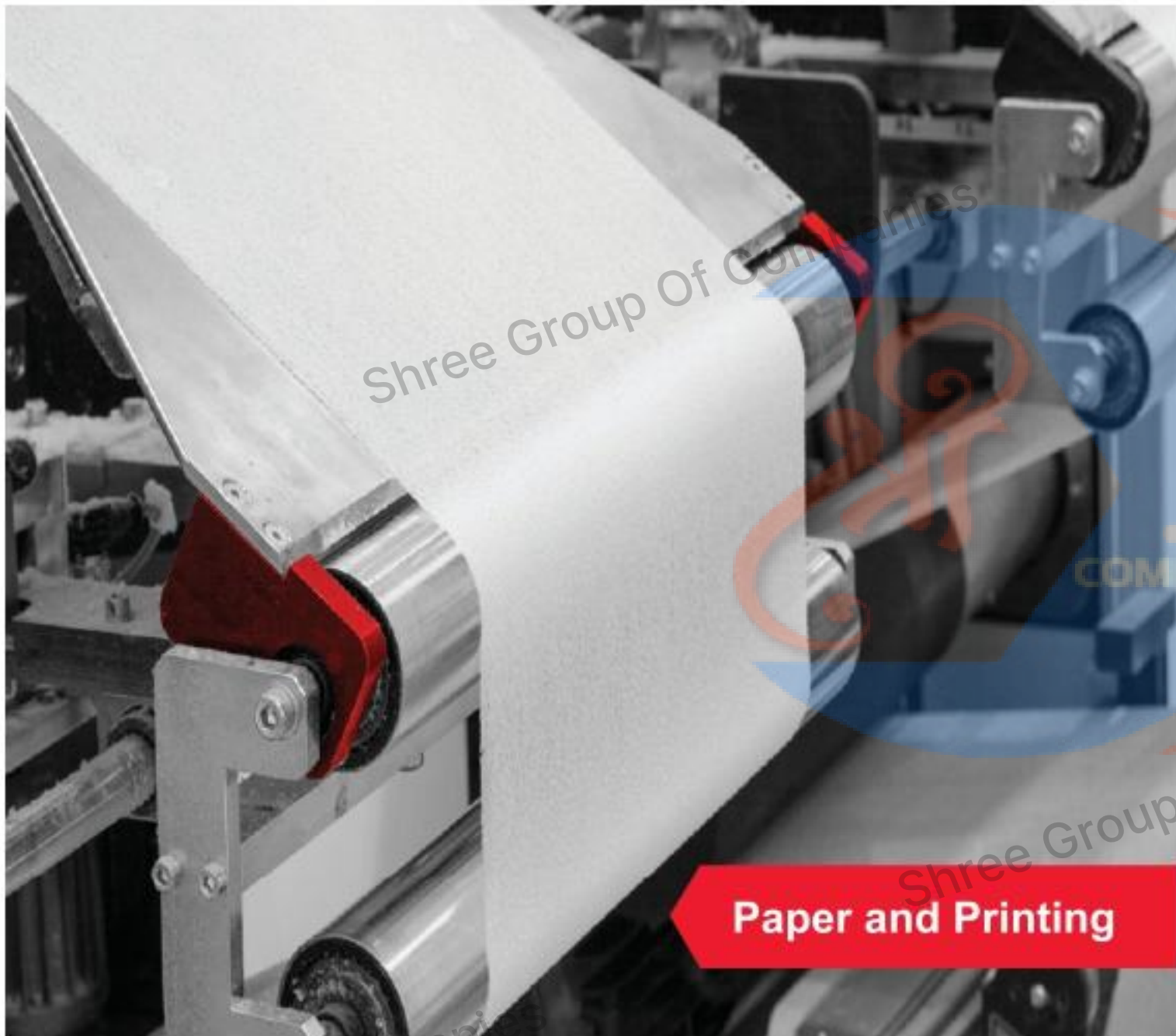
Toll Free No.: 1800 120 110040 | Email : customer.care@cp.com



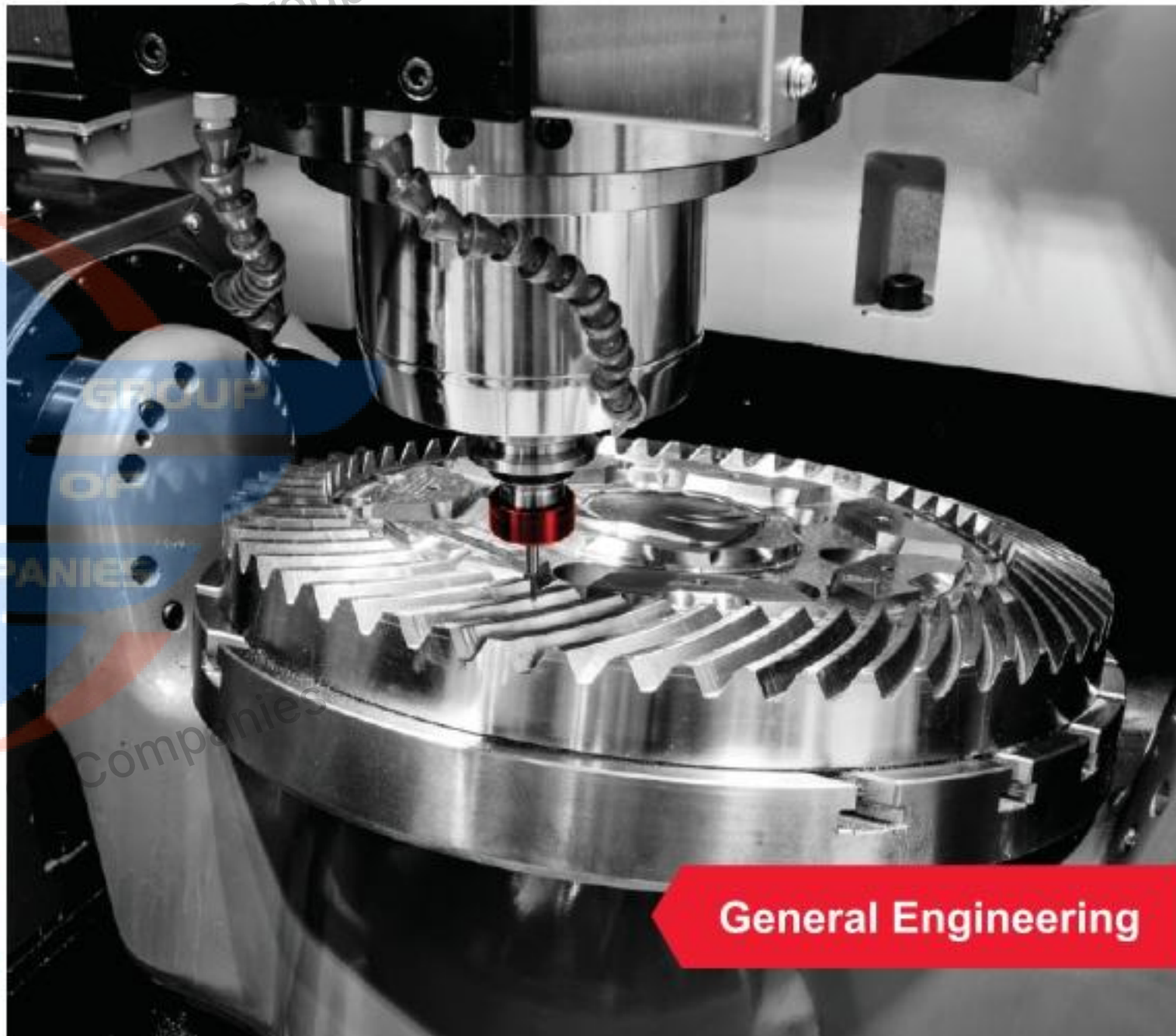
Metal Working



Wood Working



Paper and Printing



General Engineering



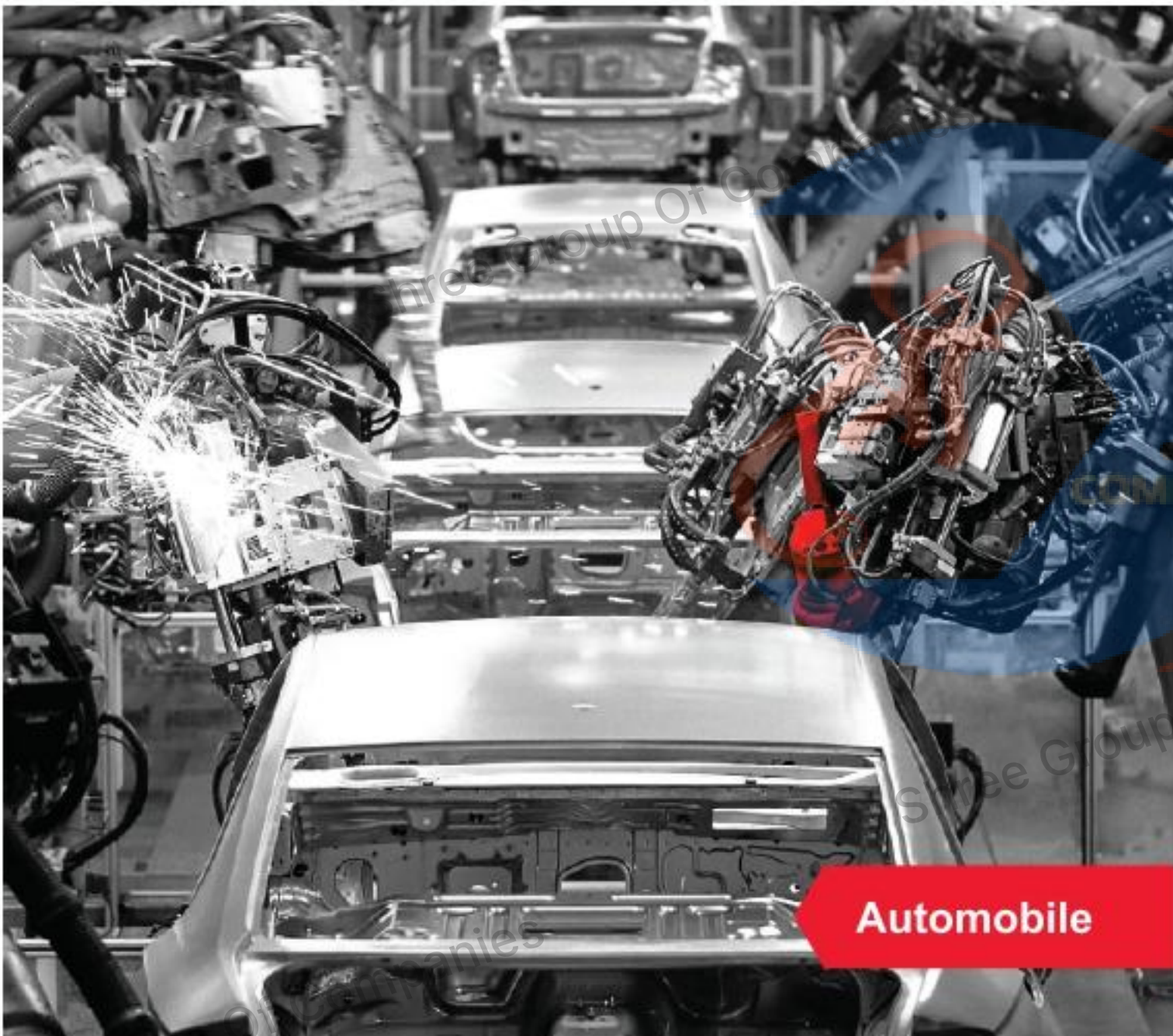
Pharmaceutical



Spinning (Textile)

We serve many industries...

Contact : 9300723311

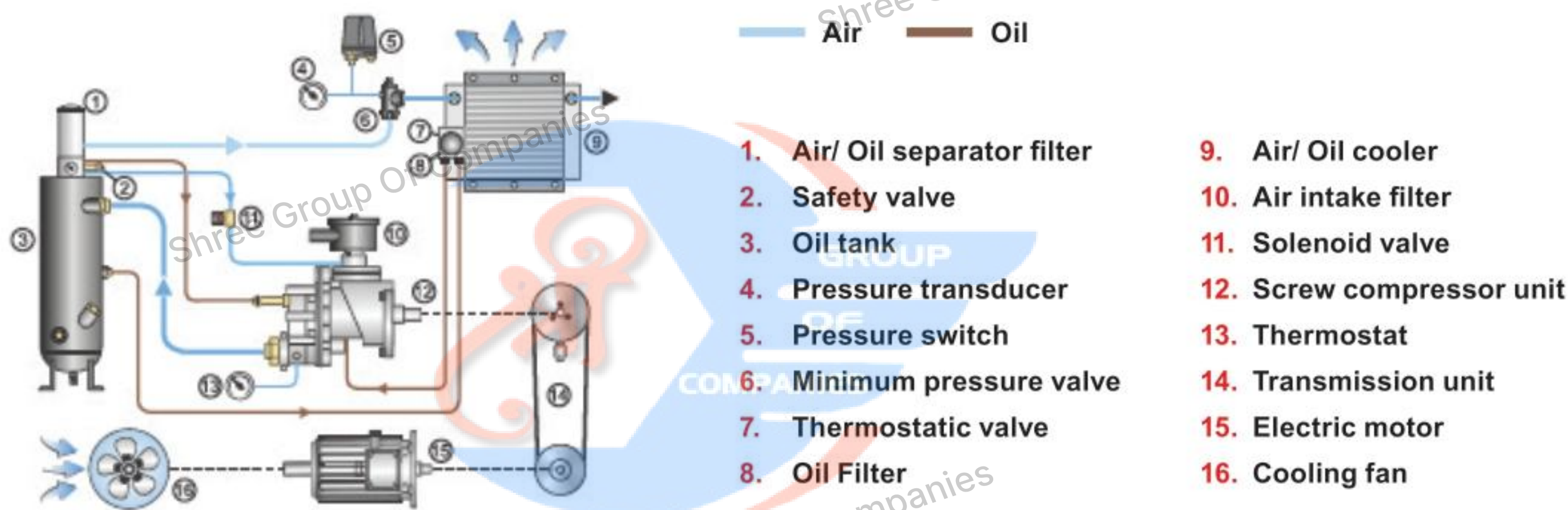


Unique design - Pressurized Canopy and Pre Filter

- 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

- Small foot print
- Plug to existing receiver



CPMV Floor Mounted

- Latest Generation "Oil Cooled PM Motor"
- Built In "Inverter Drive"
- Saves up to 45% Power



CPB tank mounted with dryer

- For moisture free and oil free application dryer and filter

Product Features

Flexible Drive Rotary Screw Air Compressors

Shree Group Of Companies

Shree Group Of Companies

Shree Group Of Companies

Shree Group Of Companies

Shree Group Of Companies

Shree Group Of Companies

Electrical Cubicle
Monitors Power Management

Combination Cooler
Aluminum With Fine Fins
Design For Efficient Cooling

Oil Separation System
3 Stage Effective
Oil Separation

Flexible Drive
Reliable
and Relentless
operation

ES 4000
24 x 7 Compressor
Surveillance User
Friendly

Electric Motor
High Efficiency
Motor

**Heavy Duty
Air filter**
For Dusty Operation

Pre-filter Panel
Breathes In
Dust Free Air

CPB Unit
Performance 100% Factory
Tested & Certified

Air Inlet Duct
With Fan Guides Air Flow
Through The Compressor

Benefits



Excellent performance

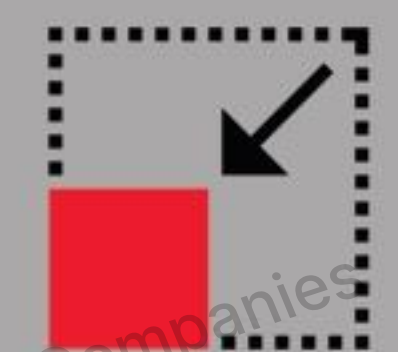
Assured reliability

Longer life

Continuous duty operation

Lower oil residual in compressed air

Pulsation free air



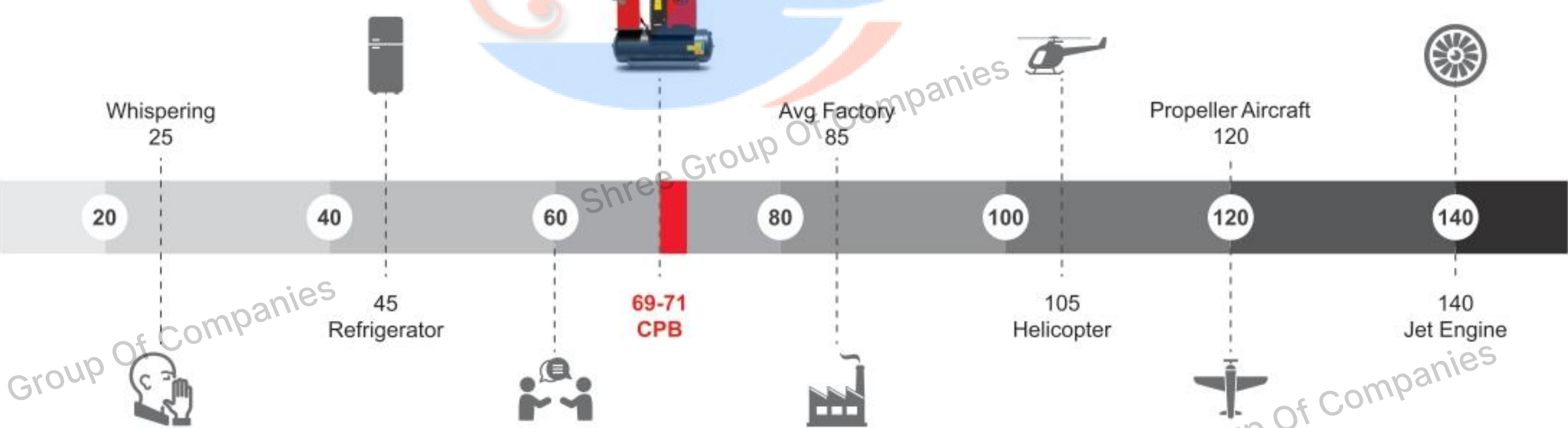
35%
LESS FLOOR SPACE



15%
LESS ENERGY CONSUMPTION

*note: compared to previous design

Quiet operation



Designed for India's tropical conditions:

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

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

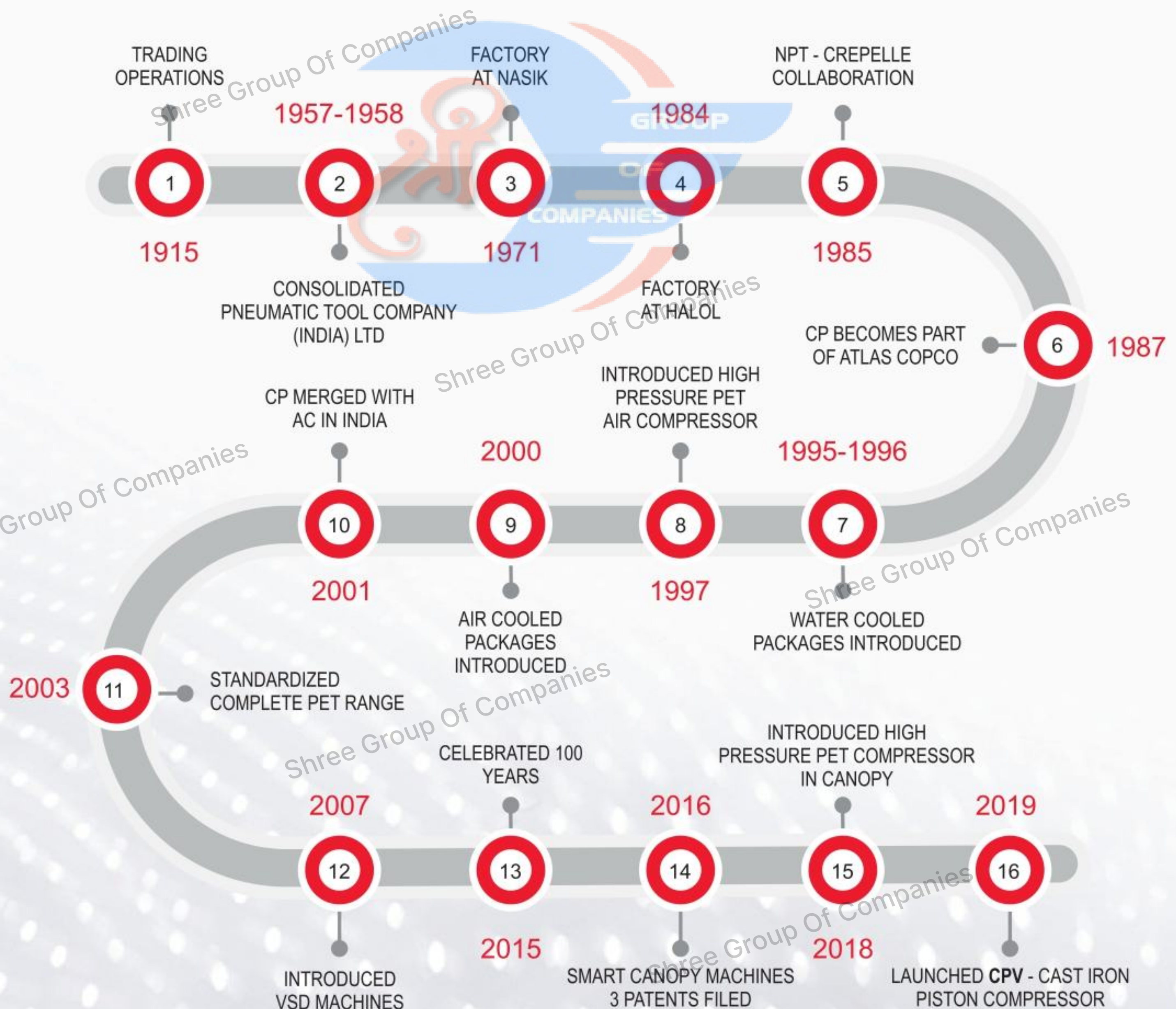
- Effective cooling

Over 100 Years of Industrial Excellence in India

Chicago Pneumatic (CP) is a global leader in the design, manufacturing 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 meet your needs based on our decades of experience.

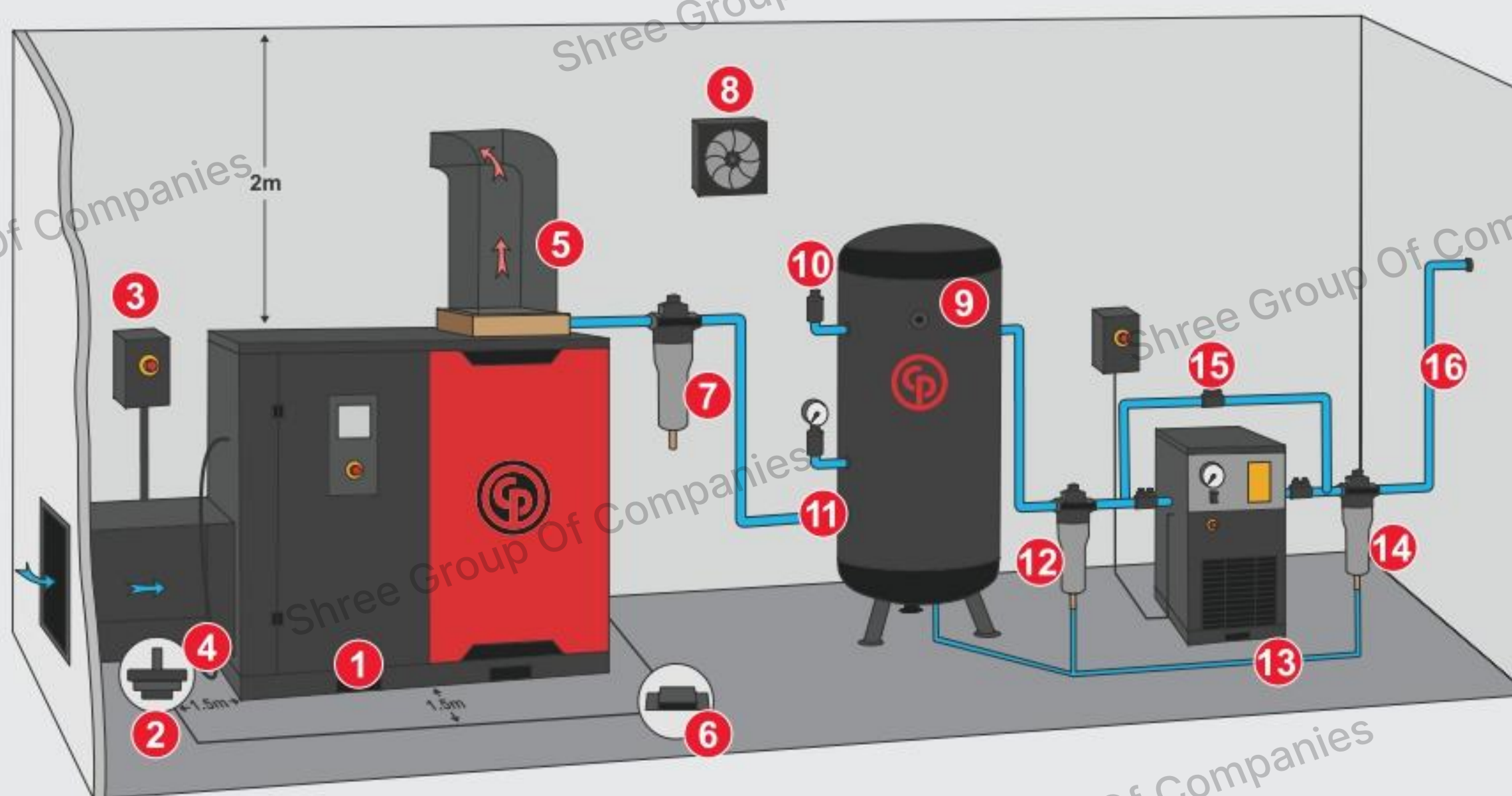
Today, CP is a global brand that offers products for countless applications and almost every industry. We are also proud to say that after all these years, CP still stands for reliability, durability and customer value.

120
YEARS
PASSION FOR PERFORMANCE



Maintenance and installation guidelines

Contact : 9300723311

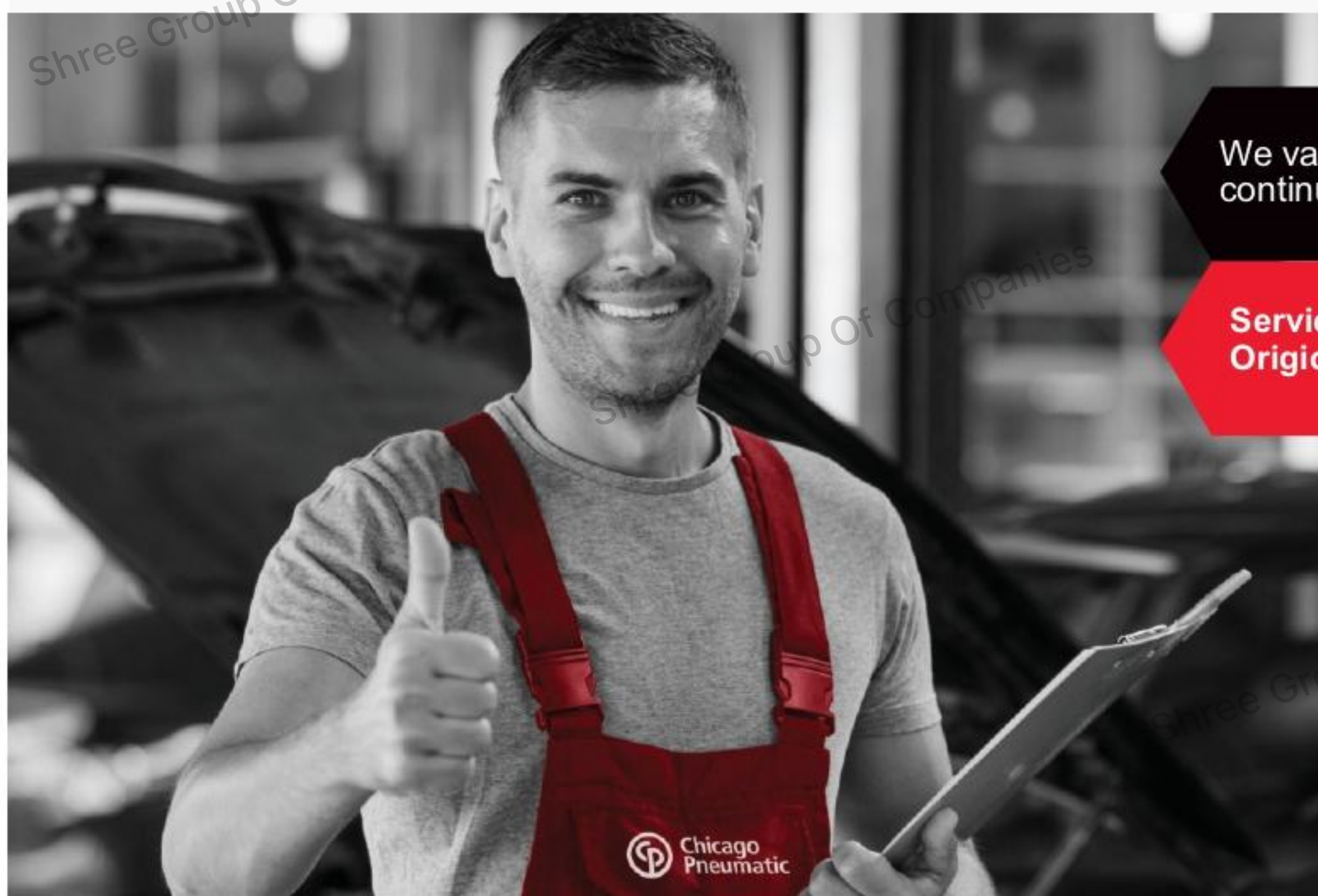


- | | | | |
|----------------------------|----------------------|-------------------|------------------|
| 1 Compressor | 5 Exhaust dust | 9 Air receiver | 13 Dryer |
| 2 Earthing | 6 Floor leveling | 10 Safety valve | 14 After filter |
| 3 SFU (Switch Fusing Unit) | 7 Moisture separator | 11 Pressure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

Service Features

Chicago Pneumatic CPB range is supported by a full range of service kits that come complete with genuine parts & oil.

- 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.
- Chicago Pneumatic's specifically formulated screw oil offers 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

Contact : 9300723311

Fixed Speed

| Model | Motor HP | Cfm Range @ Bar | | | | Noise dB (A) | End Connection | Weight (KG) | | L W H (in mm) | |
|--------|----------|-----------------|-----|-----|----|--------------|----------------|-------------|---------|------------------|------------------|
| | | 7 | 8 | 10 | 13 | | | FM | TMD 500 | FM | TMD 500 |
| CPB 15 | 15 | | 70 | 60 | 49 | 69 | 1" | 335 | 530 | 800 X 800 X1245 | 1880 X 805 X1875 |
| CPB 20 | 20 | | 93 | 79 | 64 | 69 | 1" | 360 | 570 | 800 X 800 X1245 | 1880 X 805 X1875 |
| CPB 25 | 25 | | 112 | 97 | 80 | 70 | 1" | 370 | 600 | 800 X 800 X1245 | 1880 X 805 X1875 |
| CPB 30 | 30 | | 129 | 110 | 96 | 71 | 1" | 395 | 620 | 800 X 800 X1245 | 1880 X 805 X1875 |
| CPB40G | 40 | 189 | 177 | 157 | NA | 73 | 1 1/2" | 559 | NA | 1430 X 950 X1200 | NA |

VFD PM (Inverter Driven)

| Model | Motor HP | Cfm Range @ Bar | | | Noise dB (A) | End Connection | Weight (KG) | | L W H in mm |
|------------|----------|-----------------|--------|--------|--------------|----------------|-------------|---------|-------------------|
| | | 7 | 8 | 10 | | | FM | TMD 500 | |
| CPMV 15 PM | 15 | 10-61 | 10-57 | 10-50 | 73 | 3/4" | 205 | NA | 850 X 750 X 1000 |
| CPMV 20 PM | 20 | 17-73 | 17-69 | 17-63 | 73 | 3/4" | 205 | NA | 850 X 750 X 1000 |
| CPMV 25 PM | 25 | 21-114 | 21-112 | 21-98 | 73 | 1 | 280 | NA | 950 X 850 X 1080 |
| CPMV 30 PM | 30 | 25-130 | 25-125 | 25-112 | 73 | 1 | 290 | NA | 950 X 850 X 1080 |
| CPMV 40 PM | 40 | 49-187 | 49-178 | 48-160 | 73 | 1 1/2" | 362 | NA | 1130 X 950 X 1200 |

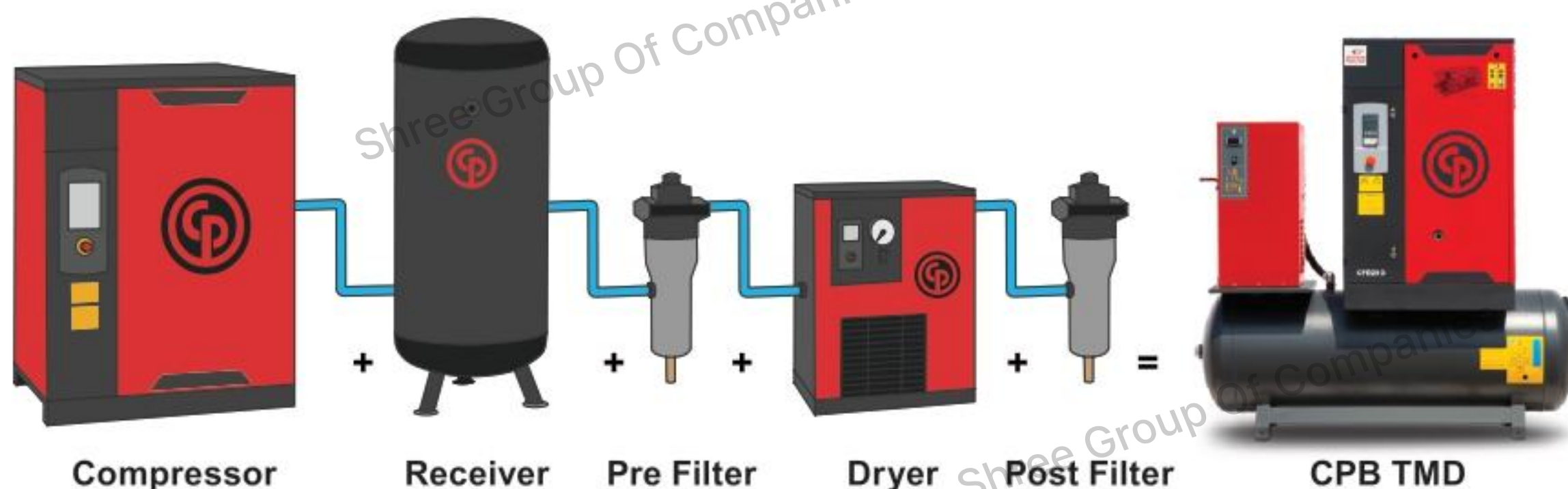
Note:

- 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 2009

FM : Floor Mounted

TMD : Tank Mounted with Dryer and Filters

A Complete Compressed Air Package - CPB TMD 500



CPMV PM Compressors

Contact : 9300723311

Oil Cooled Direct Drive with Inverter

New innovative drive train with PM motor technology

CPMV 10-30



The proven CP IVR Design



~45%

SUPER PREMIUM EFFICIENCY
IE4
MOTOR



| | | |
|-----------------------------|---|--|
| Integrated - Inverter Drive | Horizontal Oil cooled PM Motor technology | A big leap in energy efficiency (~45%) |
|-----------------------------|---|--|

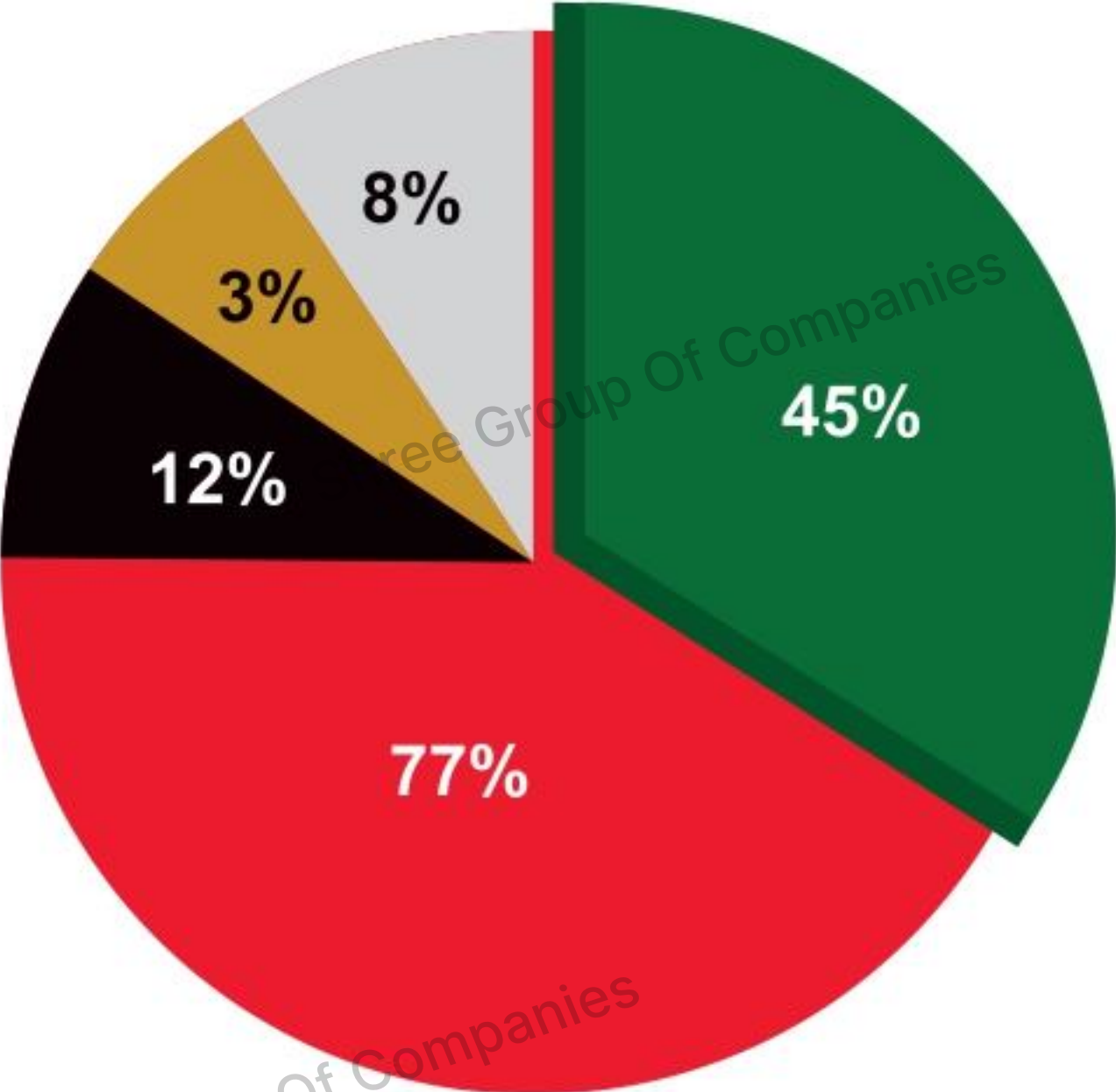
Choose from a wide range of Heavy Duty 'Latest Generation Variable Speed Drive Compressors:

1. Direct Drive (1:1) For Enhanced Savings
2. World Acclaimed "Horizontal Design" for EASE OF SERVICE
3. IE 4 "Super Premium Efficiency Class" 96-97%: Motor Rating
4. World Proven 'Oil Cooled' PM Motor Design Reduces Working Temperatures.
5. Up to 45% Energy Savings (Compared with Traditional Compressors)
6. Integrated Variable Speed Drive for Maximum Savings.



Facts

- Energy costs represent about **70% - 80%** of the total cost of ownership of a compressor
- Majority of customers have a variable demand for compressed air



- Energy savings
- Energy consumption
- Service
- Energy savings
- Installation

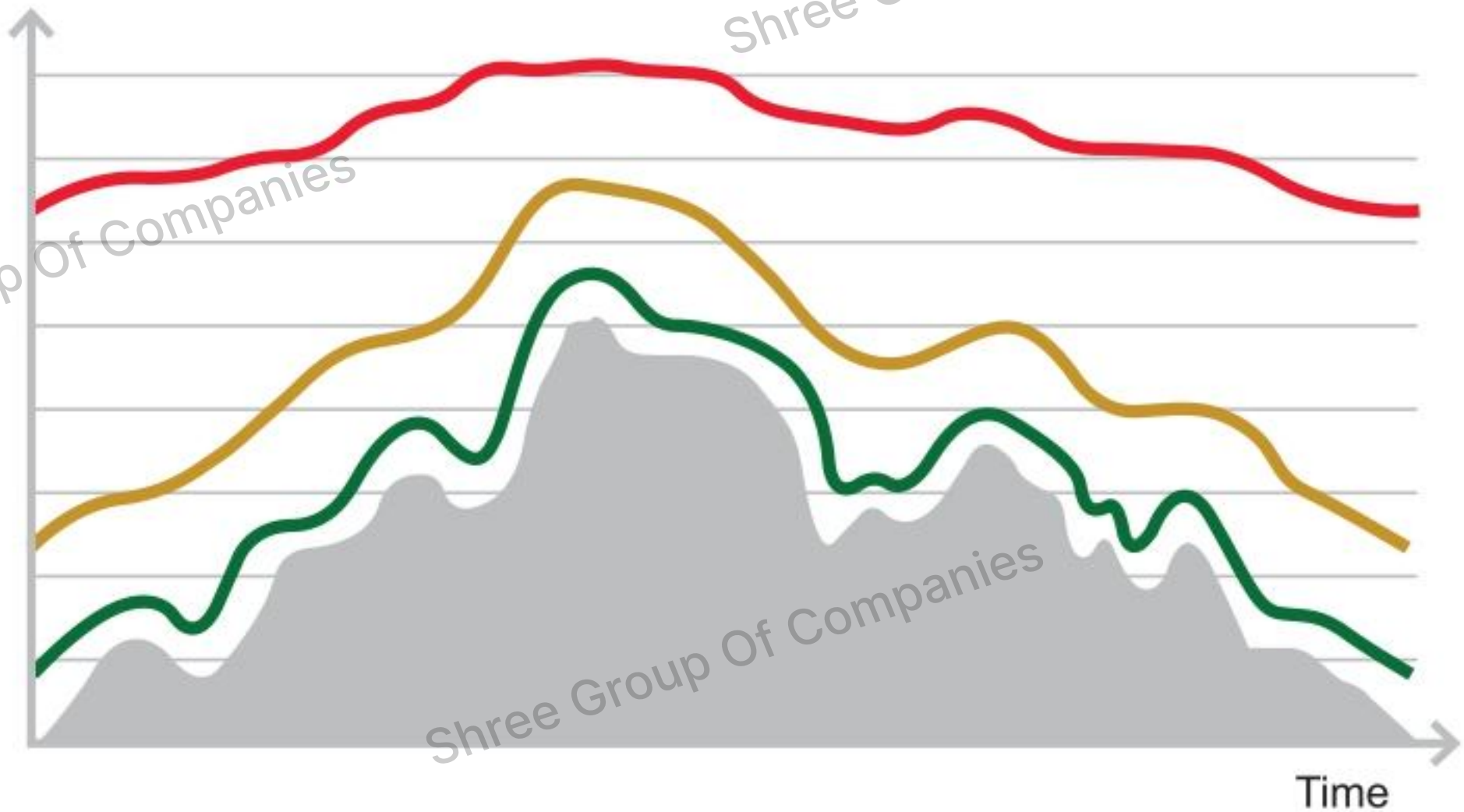
Traditional Variable Speed Technology vs. Fixed Speed Technology

- Reduced energy costs with **30-35%** in variable demand applications

CPMV PM vs. Fixed Speed Technology

- Reduce energy costs upto 45% in variable demand applications
- **Combined effect of :**
 1. Latest Generation Variable Speed Technology
 2. Highly Energy Efficient Drive Train With iPM Motor Technology.
 3. In House Designed "Screw Element"

Energy cost



- Air demand
- Fixed speed technology
- Variable speed technology
- iPM technology