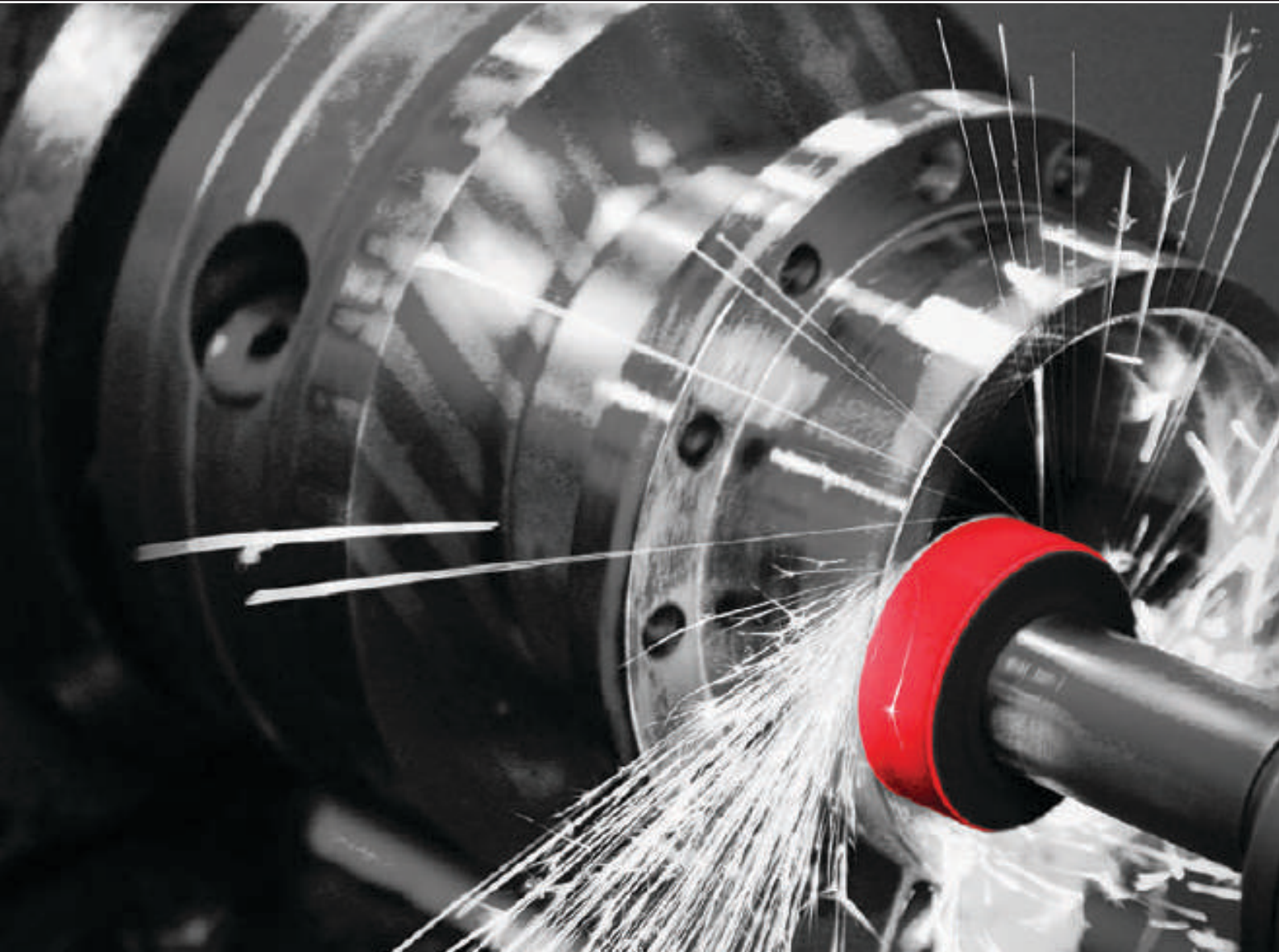


# CPM 3-7.5 HP

Screw compressors, Quiet by design

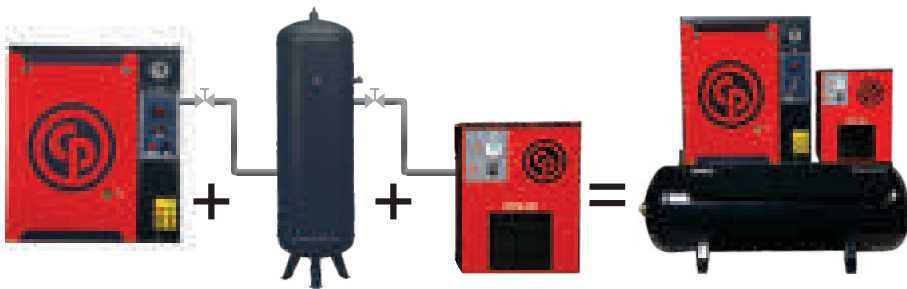


People.  
Passion.  
Performance.



Chicago  
Pneumatic

## A complete compressed air package - CPM TMD



Compressor

Receiver

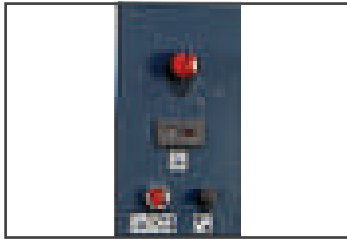
Dryer

CPM TMD

A complete system in less than 1m<sup>2</sup>

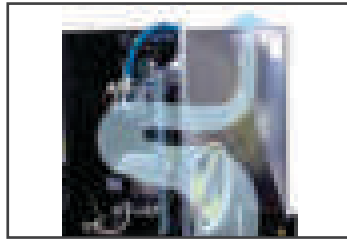
- Compressor
- Refrigerated Dryer
- Integrated Tank
- No interconnection piping required
- Pre- Wired
- Low pressure drop
- No installation cost
- Less chance for leakages
- Machine with first fill oil

### Key user benefits



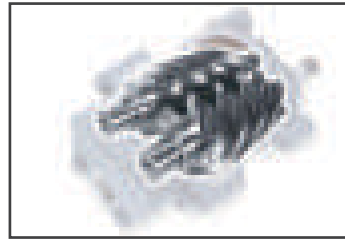
#### Easy operation

Compressed air plain and simple. Just connect the cables, pipes and press start.



#### Efficient cooling

Lower internal temperatures make your compressor more reliable and extend lifetime.



#### Built to last

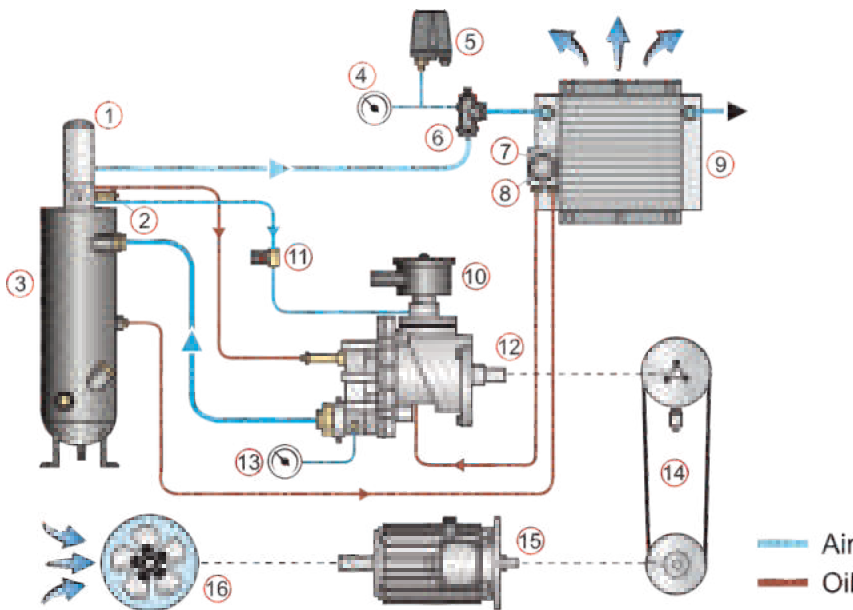
Designed for continuous duty and very hard working conditions.



#### Fast & cost effective maintenance

No wearing parts: increases reliability and reduces maintenance costs.

### Flow diagram



- 1 Air / Oil separator filter
- 2 Safety valve
- 3 Oil tank
- 4 Pressure transducer
- 5 Pressure switch
- 6 Minimum pressure valve
- 7 Thermostatic valve
- 8 Oil filter
- 9 Air / Oil cooler
- 10 Air intake filter
- 11 Solenoid valve
- 12 Screw compressor unit
- 13 Thermostat
- 14 Transmission unit
- 15 Electric motor
- 16 Cooling fan

### Technical data



CPM  
TM  
1495 X 550 X 1285

TMD  
1440 X 550 X 1285

Model	HP	Pressure (BAR G)	CFM	dB(A)	End Connection	Weight (KG)	
						TM	TMD
CPM 3	3	10	8	61	½"	175	209
CPM 4	4		11				
CPM 5	5.5		17				
CPM 7	7.5		21				

- Note : 1. Unit performance measured as per ISO 1217: 2009Ed4.  
 2. Noise level measured according to ISO2151 / Pneurop / CAGI PN8NTC2.  
 3. All models available with 200 L receiver tank.  
 4. All models available with optional Refrigerated dryers (suffix D).  
 5. Maximum working pressure for machines with dryer is 9.75 bar.

## Quiet by design, complete and compact

Engineered for high performance, efficiency and reliability, the CPM air compressor series can meet the compressed air demands of a tire shop, maintenance shop, vehicle body shop, paint shop or automotive dealership. Quiet by design, the CPM can be installed almost anywhere, without disturbing your working environment. Base mounted or receiver mounted, with or without dryer, the CPM is the leading rotary screw compressor for service or light industrial applications.

## Screw element

### Main Benefits:

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



### Design for tropical condition:

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

### Why tropical design is essential ?

	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

## Why choose CPM screw compressors ?

Traditional piston compressors	VS	CPM screw compressors
70 - 75% of the intake air	<b>Air yield</b>	<b>95% of the intake air</b> More air for less power
Greater than 80 dB(A)	<b>Sound level</b>	<b>From 61 to 65 dB(A)</b> Almost as low as most household appliance
For intermittent use	<b>Operation</b>	<b>For continuous use</b> An industrial technology
High content of residual oil and humidity	<b>Air quality</b>	<b>Low oil content and dry air in the version with dryer</b> Cleaner air for better production
Alternating and pulsating	<b>Compression</b>	<b>Continuous and consistent</b> Uniform pressure in line for better functioning utility
High	<b>Vibrations</b>	<b>Absent</b> More reliable components
Thermal circuit breaker	<b>Standard protections</b>	<b>Magnetic and thermal circuit breaker</b> Greater operator safety

## Features

<b>Compact dimensions</b>	Ideal for tire shops, maintenance shops, vehicle body or paint shops and automotive dealers, the CPM can offer you a complete unit (with dryer and 200L receiver) on just 1m <sup>2</sup> . You can fit it easily to any free space without trouble.
<b>Quiet operation</b>	Generously sized sound insulation. This results The CPM links the rotary screw technology to a major disturbances to your working environment in noise levels so low that the compressor can be placed in most of the workplaces without
<b>More output and less energy consumption</b>	When compared to piston compressors, the exceptional efficiency of the CPM and the high output of the package ensure reduced power consumption, maximized output (capacity) and low cost per CFM produced.



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



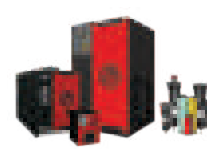
WIS AIR



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

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East	Kolkata
Central	Hyderabad
South	Bengaluru

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**Resident offices:** Coimbatore, Erode, Kochi, Jaipur, Raipur, Vizag

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aftermarket support  
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