

# Chicago Pneumatic: full offer, global presence



**Chicago Pneumatic Compressor**  
 Sveanagar, Mumbai Pune Highway, Dapodi,  
 Pune - 411012 Maharashtra, India  
 Phone : + (91)-(20) 39852082 / 39853731  
 Fax : + (91)-(20) 39852093



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



ISO 9001  
 Chicago Pneumatic's  
 Environmental Management System  
 forms an integral part of each  
 business process.



ISO 14001  
 ISO 14001 EMS  
 forms integral part of  
 each business process.

## Regional Customer Centres

BRANCH	ADDRESS	MOBILE NO.	PHONE	FAX	E-mail
WEST	Rushabh, II Floor, Near American Heart Institute, Ghodbunder Road, Thane (W) 400601	93241 74565	+91-22-39982704	39982714	sales.west@cp.com
NORTH	Unitech Business Park, Tower - A, First Floor, Block - F, Sector -41, South City -I, Gurgaon - 122001	93124 06866	+91-124-3027961	3027973	sales.north@cp.com
EAST	Trinity Plaza, 2nd Floor, East Wing, 84/1A, Topsia Road, (South) Kolkata 700 046	93322 90559	+91-33-22851051	22851052	sales.east@cp.com
CENTRAL	4th Floor, Block A, Amsri Shamira Building, Old Lancer Lines, Secunderabad 500 025	93900 38582	+91-40-27700273 / 74	27700275	sales.central@cp.com
SOUTH	No.1-A, Kushal Garden, Peenya Industrial Area, Peenya 2nd Phase, Bangalore - 560 058	93677 87070	+91-80-39280191	39280175	sales.south@cp.com

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

### Dealer Representation at :

• Ahmedabad • Aurangabad • Bangalore • Baroda • Bhubaneswar • Belgaum • Bellari  
 • Bhopal • Chandigarh • Chennai • Cochin • Coimbatore • Dehradun • Delhi • Durgapur  
 • Faridabad • Gandhidham • Gurgaon • Guwahati • Hospet • Hyderabad • Indore • Jaipur  
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 • Thane • Tirupur • Udaipur • Vaizag • Vapi

**Toll Free No : 1800 200 0040**

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# Chicago Pneumatic



**CPM**

**People. Passion. Performance.**

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## Decades of Innovation

1901	Chicago Pneumatic is founded First single-valve pneumatic hammer
1904-1905	First electric tools and expansion overseas
1904-1913	Chicago Pneumatic develops air tools and rock drills
1912	Simple valves replace mechanical valves on compressors adopted by all compressor manufactures
1930	Chicago Pneumatic tools and equipment are used to build the Empire State Building
1930s	Chicago Pneumatic construction equipment is used to construct the Golden Gate bridge
1939	World's first impact wrench : pneumatic and electric
1943	Famous "Rosie the Riveter" poster showing a Chicago Pneumatic riveting hammer on her lap
1958	Chicago Pneumatic drill bits reach depths approaching 20,000 feet for oil prospecting
1960s	Chicago Pneumatic customizes tools for the production of Boeing and Concorde
1969	The world's first speed ratchet introduced by Chicago Pneumatic at Ford Motor Company
1969-1970	CP 611 impact wrench specifically designed for the NY world Trade Center construction
1971	Breakthrough in critical joints for vehicle assembly with crimpnut tool
1970s	Patented two-jaw clutch for impact wrenches
1990s	Hundreds of application specific products developed for construction, vehicle and general industries
2000	Governed oil-free grinders
2010	The new Chicago Pneumatic design is born

## Screw Element



### Main Benefits:

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

### 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

### Design for tropical condition:

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

## Why Choose CPM ?



Yesterday's

Compare the two technologies

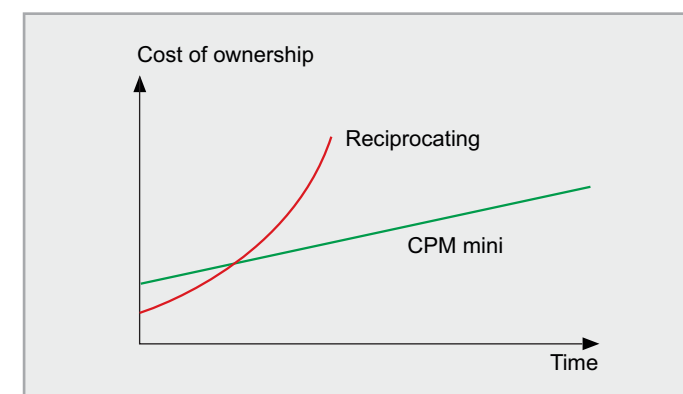


Today's

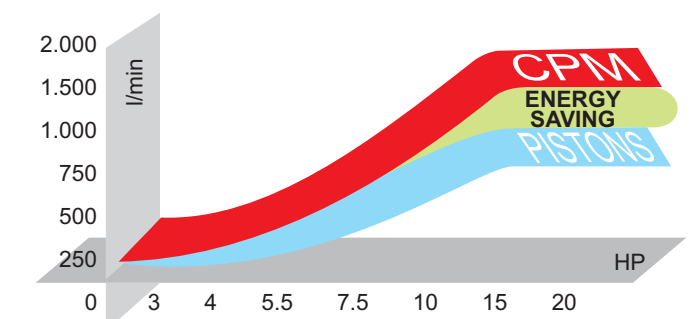


PISTON COMPRESSORS		SCREW COMPRESSORS
70 - 75% of the intake air	<b>Air yield</b>	<b>95% of the intake air</b> More air for less power
Greater than 80 dB(A)	<b>Sound level</b>	<b>From 61 to 65 dB(A)</b> Almost as low as most household appliance
For intermittent use	<b>Operation</b>	<b>For continuous 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

## Cost of Ownership



## Energy Savings



## Product Variant



### CPM TM (Tank Mount)

- Your silent workmate with minimum foot print
- CPM TM has a the service friendly design ensuring 100% continuous operation

### CPM TMD (Tank Mount + Dryer)

- Ultimate All In One Package delivering dry compressed air
- Dry air ensures protection to downstream equipments in turn giving excellent quality end product



## Serviceability

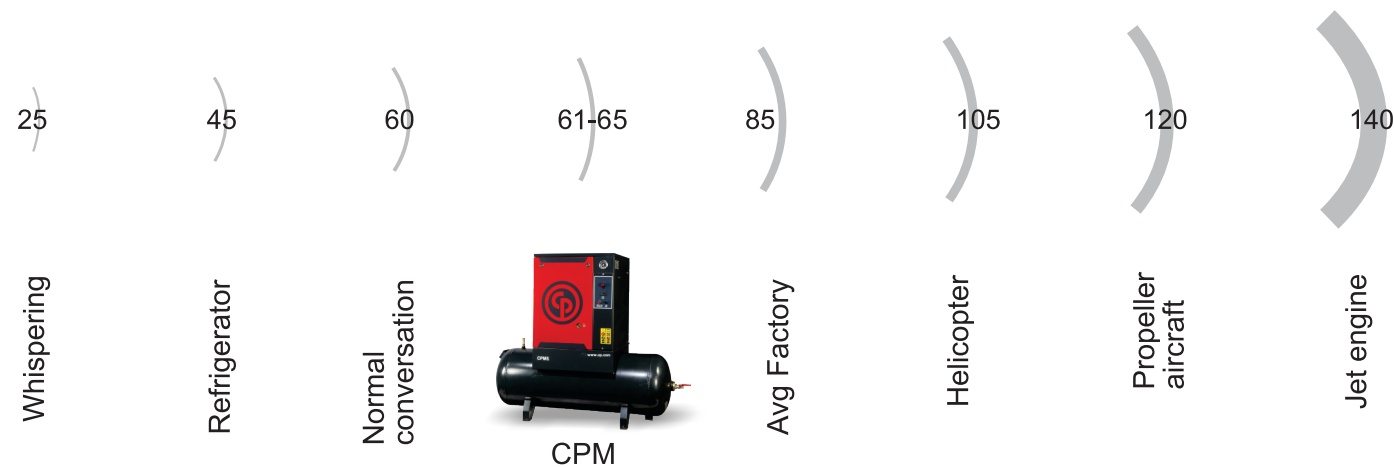


### Simple, Quick & Low Cost Maintenance

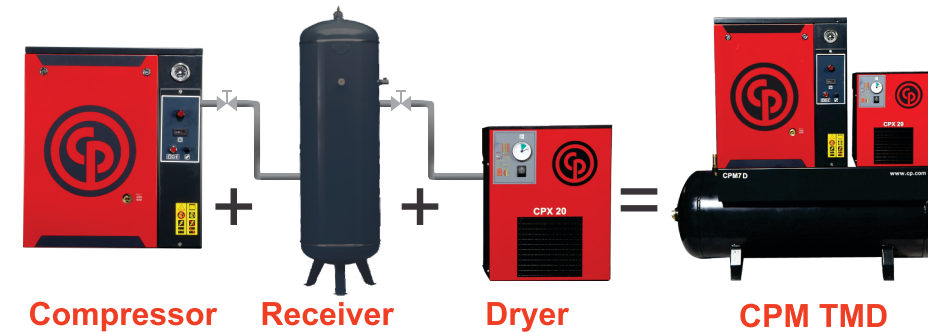
- Service points are easily accessible from one removable door.
- Spin-on oil separator and filter for quick maintenance.
- Visible oil level display.
- Simple control panel.

## Quiet Operation

- Rotary screw technology
- Sound enclosure helps in noise reduction



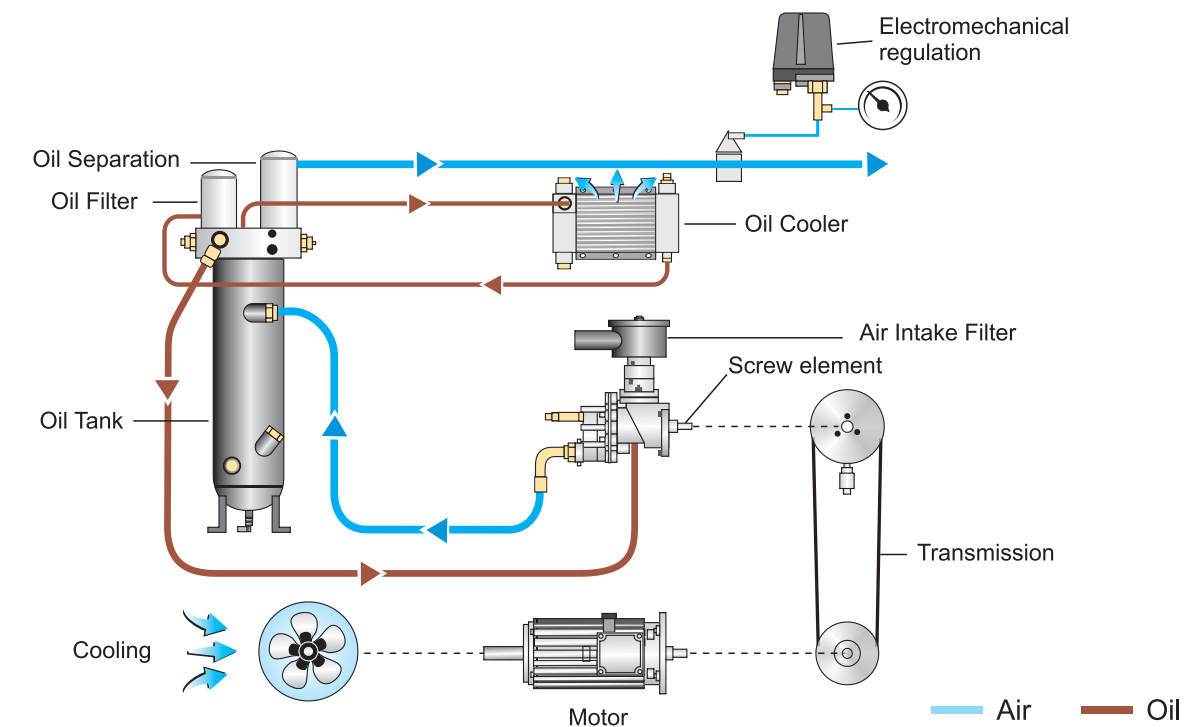
## A Complete Compressed Air Package - CPM TMD



### 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

## Flow Diagram



## Technical Data

Model	in bar G	HP	kW	Cu. m/min	CFM	dB (A)	Weight in kg.	Weight for TMD	L W H in m.m.
CPM 3	10	3	2.2	0.24	8	61	175	209	1420
CPM 4	10	4	3	0.32	11	61	175	209	x 550
CPM 5	10	5.5	4	0.48	17	62	176	210	x 1280
CPM 7	10	7.5	5.5	0.6	21	65	182	216	

- Note : 1. Unit performance measured according to ISO 1217 Ed 3 Annex C. 1996.  
 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