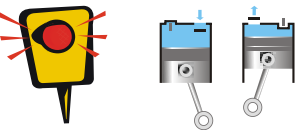


Why choose CPM?



Compare the two technologies



	PISTON COMPRESSORS	SCREW COMPRESSORS
Air output	70 - 75% of air intake	95% of air intake delivers more air, consumes less energy
Noise level	Greater than 80 dB(A)	From 61 to 65 dB(A) as low as most household appliances
Operation	For intermittent use	Also for continuous use an industrial technology
Air quality	High oil residue and humidity levels	Low oil levels and dry air with built-in dryer model cleaner air for optimum production
Compression	Alternating and pulsanting	Continuous and consistent in-line uniform pressure for optimum operation of applications
Vibrations	High	Absent more reliable components
Starting current	7 - 10 (nominal)	3 - 5 (nominal) with star-delta starter model less consumption at start-up
Standard protection	Thermal	Magnetic and thermal improved safety for operators

- Advanced technology.
 - Increasing need for more specialised use.
 - Environmental protection.
- Just three of the many reasons behind CPM mini the small screw compressor with great performance

Technical Data

					End Connection		Receiver in Ltrs.	
Model	in bar G	HP	kW	Cu. m/min	CFM	dB (A)	Weight in kg.	L W H in m.m.
CPM 3	10	3	2.2	0.24	8.5	61	1/2"	175 200 1420
CPM 4	10	4	3	0.32	11.3	61	1/2"	x 550
CPM 5	10	5.5	4	0.47	16.5	62	1/2"	x 1280
CPM 7	10	7.5	5.5	0.6	21.2	65	1/2"	
CPM 3 D	9.75	3	2.2	0.24	8.5	61	1/2"	209 200 1420
CPM 4 D	9.75	4	3	0.32	11.3	61	1/2"	x 550
CPM 5 D	9.75	5.5	4	0.47	16.5	62	1/2"	x 1280
CPM 7 D	9.75	7.5	5.5	0.6	21.2	65	1/2"	

Note : 1. Unit performance measured according to ISO 1217 Ed 3 Annex C. 1996.
2. Noise level measured according to Pneurop / CAGI PN8NTC2.
3. Suffix D indicates models with refrigerated dryer.

Chicago Pneumatic (CP) is a global leader in the design, manufacture and distribution of high-peformance Industrial, Portable compressors and associated accessories.

Since 1901, The CP brand has served the Industrial, Construction and Vehicle Service market. Our long presence in the Industry through Reliable, High-performance products and our expertise in dealing with wide range of applications made CP brand to be trustworthy partner with our customers. Our eco-friendly range of piston compressors, screw compressors, CNG compressors and allied accessories conform to highest level of design standard.



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CPM Range - Electric Screw Compressors

- Starting from 2.2 kw / 3 hp to 5.5 kw / 7.5 hp
- FAD 8.5 cfm to 21.2 cfm

Reliability in Performance

- Industrial technology compressor
- High quality in design, components and manufacturing
- Factory tested complete compressed air system

The use of world class rotary screw elements, designed for 100% continuous operation, and the high quality manufacturing standards, make the unit a highly reliable compressed air system.

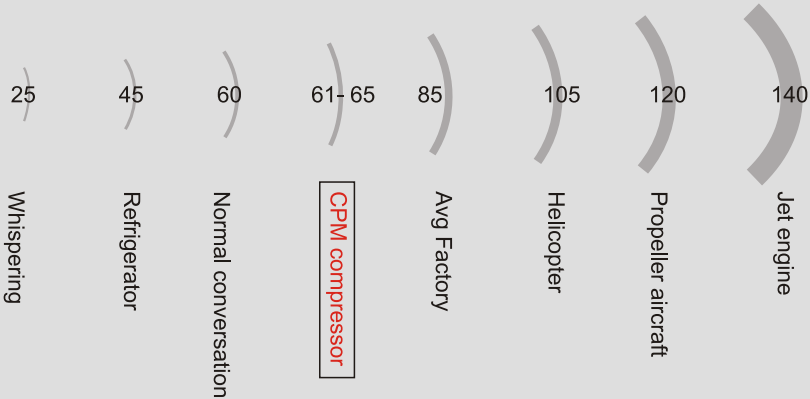
Simple and Low Cost Maintenance

- Minimum wearing parts
- Longer service intervals
- Easy access through front door & removable top panel

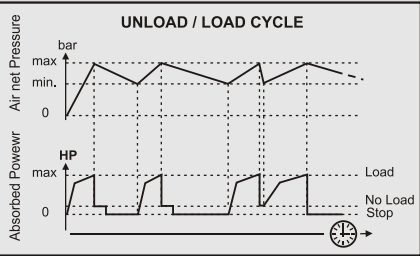
The service friendly design, and the availability of standard service kits make maintenance very easy and cost effective.

Quiet Operation

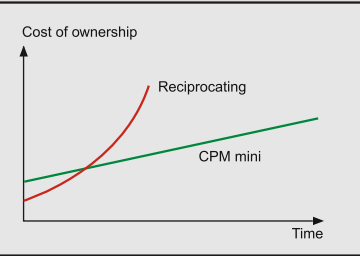
- Rotary screw technology
- Sound enclosure helps in noise reduction
- With sound levels between 61 db(A) and 65 db(A), the CPM mini can be installed next to point of use.



Energy Savings



Cost of Ownership



More Air for Less Power

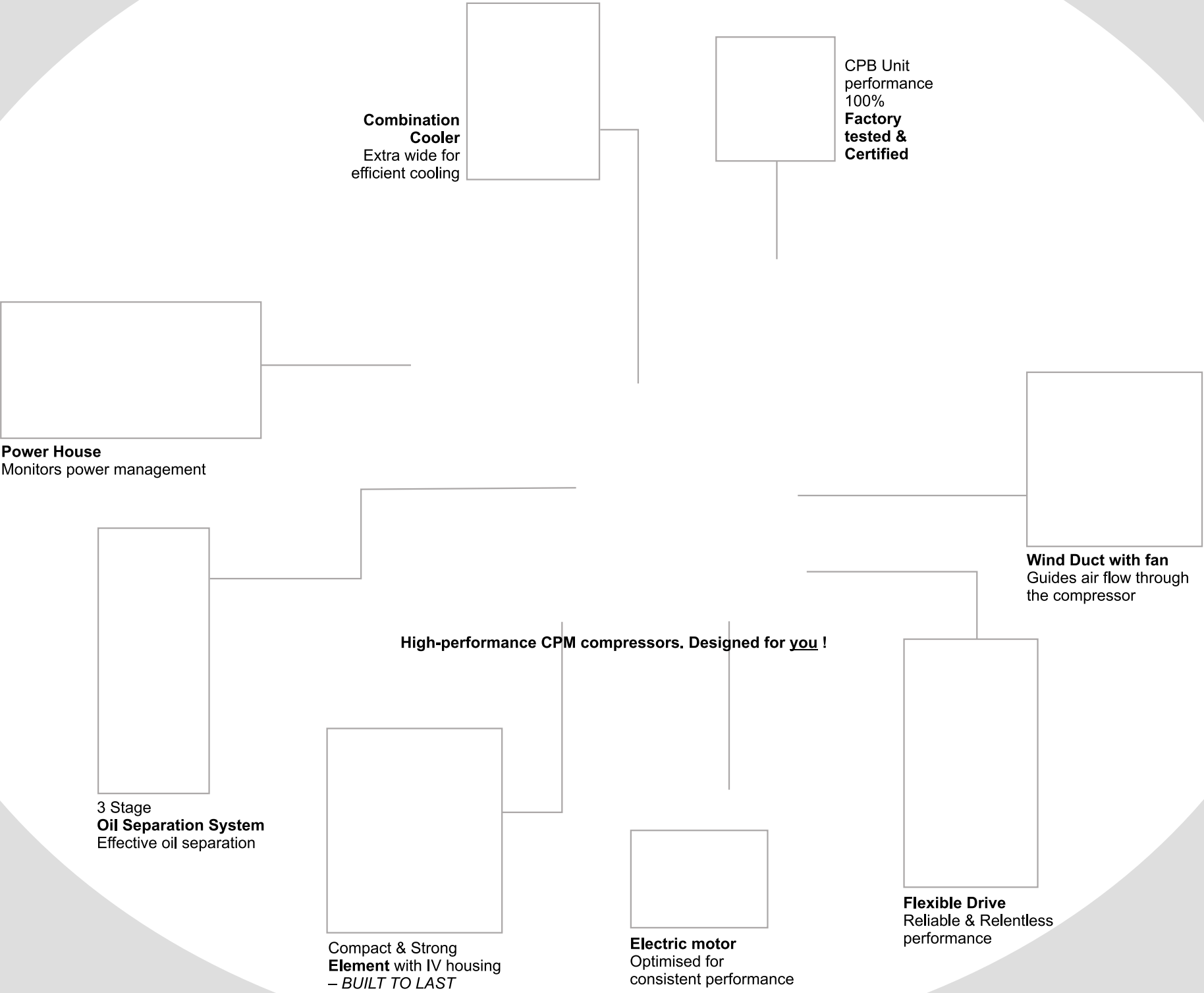
- Energy saving control
- To save energy, the compressor automatically shuts down when there is no compressed air demand.
- Exceptional Screw compressor efficiency provides highest output during its entire life time.

Compressed Air System

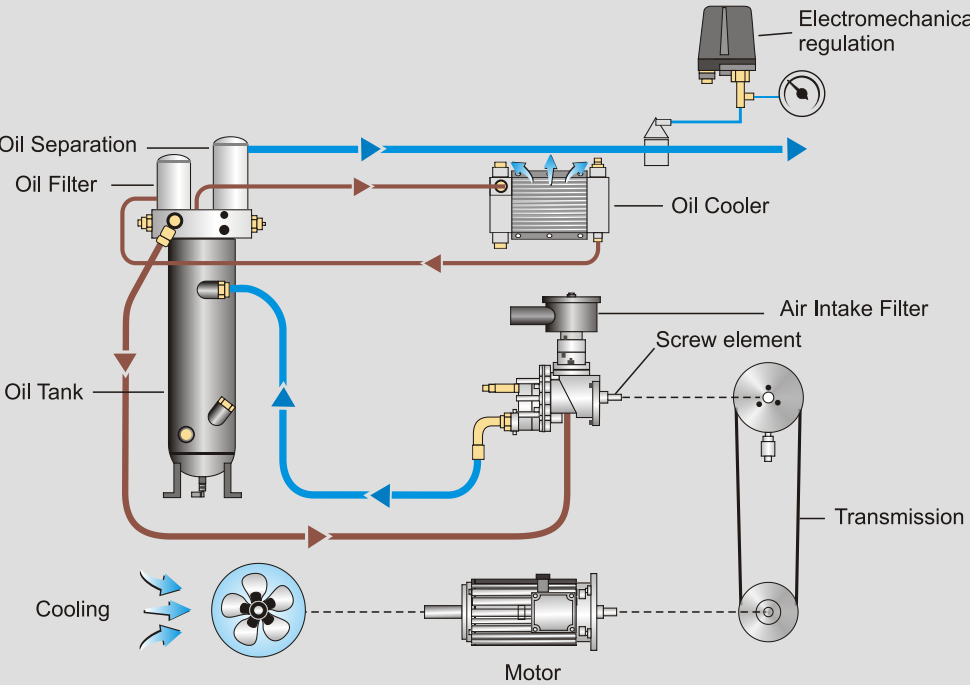
- Low pressure drops
- Less chance for leakages
- No installation costs
- Can be installed close to the point of use

Clean and Dry Air

- A high performance refrigerated dryer to dry the compressed air not only
- Ensures excellent end product quality.
- Also saves on operational cost by protecting downstream equipment from moisture, dirt & aerosols in compressed air.
- Efficient oil separation system ensures minimum oil carry over.



Flow Diagram



The CPM mini Screw CompressorTechnology

Quiet Rotary Screw Technology, equipped with; High efficiency rotary screw element powered by efficient electric motor, V belt transmission and DOL starting arrangement.

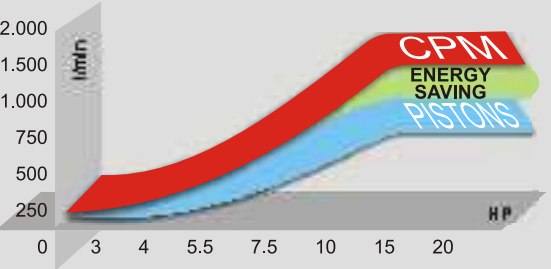
Receiver Mounting
To save upon space, CPM mini compressor is always tank mounted as a standard option.

Plug in & Ready-to-Start Compressors
Factory tested and set for optimum performance, compressors are pre wired and pre filled with oil, so that machine can be started immediately as soon it is plugged in.

Long Service Intervals for Scheduled Maintenance
All parts requiring attention during service interval are easily accessible near doors. Long Service intervals and less wear & tear of parts ensures operational cost benefits

Control Panel
provides indication about working pressure, working hours and start / Stop buttons, CPM mini compressors are protected against operational faults with indications and reset button, regulation though pressure switch. Safety valve protection for receiver. Energy saving controls to save operational power cost.

Dryer Option
CPM mini series compressors are also available with dryers using eco-friendly refrigerant.



MAXI Output-MINI Consumption

The exceptional efficiency of the CPM-mini screw compressor and high overall output of the package.

- Minimises input power consumption
- Maximises output (FAD)
- Reduces cost per CFM produced

As a result,compressed air costs per cubic metre are considerably lower than when piston compressors are used,while maintaining the same power.