

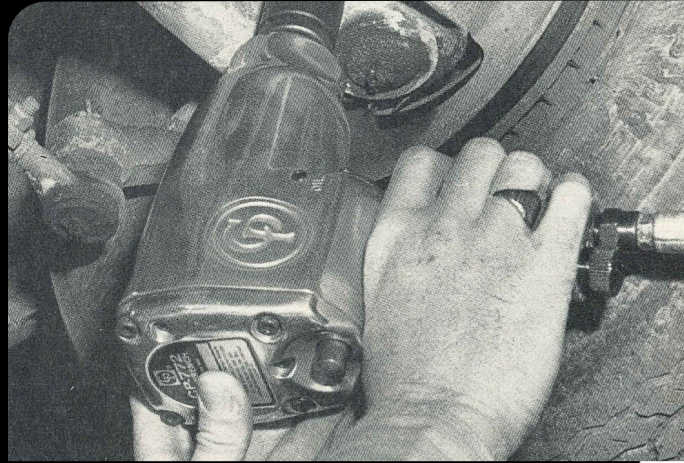


**Oil-injected Screw
Compressor – 50Hz**

Fixed Speed Compressor
CPM 5.5-50, CPD 40-50 G
Variable Speed Compressor
CPMV 10-50 PM,
CPVS 10-50 PM



About Chicago Pneumatic



Since 1901, the **Chicago Pneumatic** name has represented reliability and attention to customer needs, as a global manufacturer of power tools, air compressors, generators, light towers, and hydraulic equipment for professional and industrial applications. It represents products that are engineered for high performance. In addition to pioneering design, high-impact technology and durability, **Chicago Pneumatic** means **customer value**.

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.

All this has come together because we have consistently practiced our brand promise:

People. Passion. Performance.

Define your needs, Our broad offers does the rest

Going for our extensive offer of oil-injected screw compressors below 37kW, you choose for **reliable performance**, **trustworthy technology** and **increased efficiency**. These ranges are also suitable for more demanding applications and can be deployed in harsh working conditions.

Fixed speed

Variable speed



Noise level		63-73 dB(A)
FAD		9-113 l/s
Power		5.5-50Hp/4-37kW
Pressure		7-10 bar
Weight		152-564kg

Noise level		68-74 dB(A)
FAD		3.3-116 l/s
Power		10-50Hp/7.5-37kW
Pressure		Max 1.3 bar
Weight		195-495kg

User benefits

- Easy and user-friendly operation
- Robust design, ready to operate in hard working conditions
- Fast and easy maintenance, all consumables are easy to reach and maintain

User benefits

- Inverter technology perfectly matching the air flow with the air demand saving energy costs up to 30% compared to fixed speed compressor
- Highly efficient element ensures low energy consumption and long term performance
- User-friendly controller for full control

CPM & CPD Series 5.5-50Hp/4-37kW

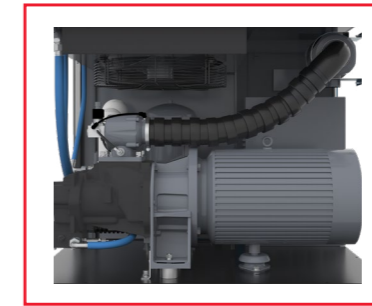
Technical data

Model									
	Pressure	Motor		Capacity*		Noise	Weight	Connection	Dimension
	Mpa	hp	kW	l/s	cfm	dB(A)±2	KG	G	LxWxH(mm)
CPM 5.5	0.8	5.5	4	10	20	63	152	1/2	650x650x890
	1.0			9	18				
CPM 7.5	0.8	7.5	5.5	14	29	63	166	1/2	650x650x890
	1.0			11	24				
CPM 10	0.8	10	7.5	19	40	63	175	1/2	650x650x890
	1.0			15	32				
CPM 15	0.7	15	11	30	63	69	293	3/4	850x790x1260
	0.8			23	48				
	1			38	79				
CPM 20	0.7	20	15	37	79	71	341	3/4	850x790x1260
	0.8			33	70				
	1			51	107				
CPM 25	0.7	25	18.5	50	106	73	364	1	850x790x1260
	0.8			43	91				
	1			61	129				
CPM 30	0.7	30	22	58	123	71	436	1	1150x850x1000
	0.8			50	105				
	1			89	189				
CPM 40	0.7	40	30	83	176	72	559	1 1/2	1430x950x1200
	0.8			74	157				
	1			110	233				
CPM 50	0.7	50	37	105	222	72	600	1 1/2	1430x950x1200
	0.8			85	180				
	1			94	198				
CPD 40 G	0.7	40	30	89	185	69	821	1 1/2	1723x980x1600
	0.8			79	168				
	1			113	240				
CPD 50 G	0.7	50	37	106	223	70	846	1 1/2	1723x980x1600
	0.8			97	206				
	1								

Model									
	Pressure	Motor		Capacity*		Noise	Weight	Connection	Dimension
	Mpa	hp	kW	l/s	cfm	dB(A)±2	KG	G	LxWxH(mm)
CPM 5.5 TMDD	0.8	5.5	4	10	20	63	316	1/2	1547x650x1473
	1.0			9	18				
CPM 7.5 TMDD	0.8	7.5	5.5	14	29	63	330	1/2	1547x650x1473
	1.0			11	24				
CPM 10 TMDD	0.8	10	7.5	19	40	63	368	1/2	1547x650x1473
	1.0			15	32				
CPM 15 TMDD	0.7	15	11	30	63	69	430	1	1537x790x1784
	0.8			23	48				
	1			38	79				
CPM 20 TMDD	0.7	20	15	38	79	71	541	1	1565x790x1784
	0.8			33	70				
	1			51	107				
CPM 25 TMDD	0.7	25	18.5	50	106	73	564	1	1565x790x1784
	0.8			43	91				
	1								

* Unit performance measured according to ISO 1217, Annex C, latest edition and ISO 2151.

Easy maintenance



- **Easy and fast maintenance**
Easy maintenance and very low pressure drop thanks to the new oil separation
- **Chicago Pneumatic in-house design element**
Guarantees stable compressor air supply and efficient operation
- **ES4000T controller**
4.3' HD graphic touch controller integrated with intelligent connectivity

Extra reliability



- Offer a simple plug-and-play solution
- Lower noises <64dB(A) for your silent working environment
- Offers extra reliability with belt driven

Complete your compressed air installation with an ICONS plan

What if your compressor needs service or an immediate intervention? With an ICONS plan, you get an alert from your controller delivered straight to your computer, tablet or smartphone. Wherever you are, you can take immediate action and reduce the risk of downtime and other costs.



With connectivity



Without connectivity



CPMV & CPVS series 10-50Hp/7.5-37kW

The performance comes with the technology

The CPMV and CPVS screw compressors are up to 35% more energy efficient than an equivalent power sized piston compressor. The CPVS is also designed to work continuously if needed, this allows you to get 100% performance, 24 hours a day, from your equipment without fearing a single fail.



1 Inverter

Market proven design specially for air compressor regulation, brings the most matched air supply with minimum energy consumption



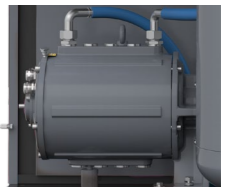
2 ES4000T controller

A unique touch control unit, professionally programmed for intelligent monitoring and connectivity



3 Drive train

Patented oil cooled permanent magnetic drive train designed to give long term and reliable service



4 Simple maintenance

Quick access to service. Suction cooling air flow supports visual inspection with open-door



Technical data

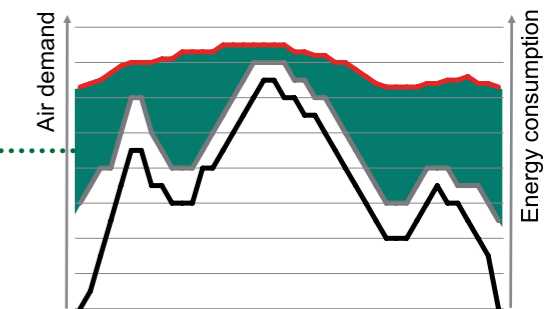
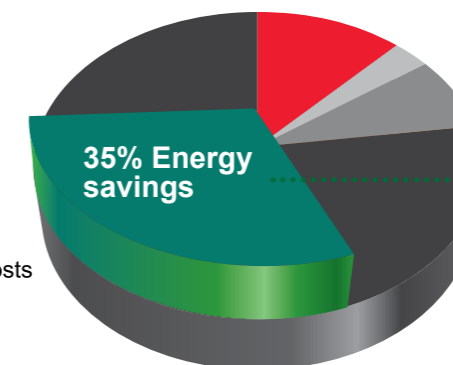
Model									
	Pressure	Motor		Capacity*		Noise	Weight	Connection	Dimension
	Mpa	hp	kW	l/s	cfm	dB(A)	KG	G	LxWxH(mm)
CPMV 10 PM	0.7-0.85 1.0-1.05	10	7.5	8.2-21 7.2-18	17-44 15-39	69	195	3/4	914x850x1050
CPMV 15 PM	0.7-0.85 1.0-1.05	15	11	9.1-32 7.2-27	19-68 15-57	69	195	3/4	914x850x1050
CPMV 20 PM	0.7-0.85 1.0-1.05	20	15	11.8-42 11.5-35	25-88 24-74	68	215	1	1014x850x1200
CPMV 25 PM	0.7-0.85 1.0-1.05	25	18.5	14.7-54 12.5-45	31-117 26-95	70	245	1	1014x850x1200
CPMV 30 PM	0.7-0.85 1.0-1.05	30	22	19.3-69 18-57	41-145 38-120	69	335	1 1/2	1178x1050x1350
CPMV 40 PM	0.7-0.85 1.0-1.05	40	30	27.3-95 24.2-80	58-201 51-170	72	370	1 1/2	1178x1050x1350
CPMV 50 PM	0.7-0.85 1.0-1.05	50	37	37.8-116 34.6-93	80-247 73-198	70	495	1 1/2	1264x1197x1500
CPVS 10 PM	0.7-1.3	10	7.5	3.3-20 7.0-42	7.0-42	70	230	3/4	1100x850x1080
CPVS 15 PM	0.7-1.3	15	11	5.3-30 11-64	11-64	70	231	3/4	1100x850x1080
CPVS 20 PM	0.7-1.3	20	15	6.6-36 14-77	14-77	70	241	3/4	1100x850x1080
CPVS 25 PM	0.7-1.3	25	18.5	10-57 21-120	21-120	70	313	1	1250x950x1180
CPVS 30 PM	0.7-1.3	30	22	12-64 25-135	25-135	73	321	1	1250x950x1180
CPVS 40 PM	0.7-1.3	40	30	22-94 47-199	47-199	74	412	1 1/2	1330x950x1200
CPVS 50 PM	0.7-1.3	50	37	32-107 68-226	68-226	73	413	1 1/2	1330x950x1200

*Unit performance measured according to ISO1217, Annex C, latest edition and ISO 2151.

We protect your efficiency

Energy costs represent about 70% of the total operating cost of your compressor over a 5 year period. That's why reducing the operating cost of a compressed air solution is a major focus. Variable frequency driven compressors can cut the energy bill of your compressor by up to 35%.

- 12% Investment
- 3% Installation
- 8% Service
- 77% Energy consumption
- Air demand
- Variable frequency driven costs
- Load/Unload costs
- Savings





At Chicago Pneumatic we have a passion for performance and long-lasting partnerships. Since 1901, we have been committed to reliability based on technology and trust.

A stylized world map composed of numerous thin, red, curved lines that form the continents, set against a black background.

People. Passion. Performance.

For more information, please contact your CP partner:

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.

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