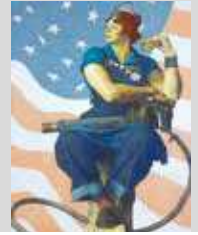


People. Passion. Performance.

Since its foundation in 1901 and all along its history, Chicago Pneumatic has affirmed itself as a powerful brand with a proven reputation of quality design, innovation and operating efficiency, offering piston and screw compressors, quality air solutions, services and tools, used for countless applications in the automotive, industrial and construction industries.

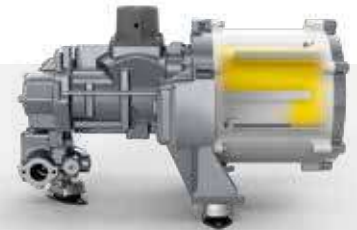


SCREW COMPRESSOR



INTERIOR PERMANENT MAGNET (iPM) TECHNOLOGY: CPVS 60-95 PM VARIABLE SPEED RANGE

- Highly efficient drive train with Interior Permanent Magnet (iPM) motor technology:
 - oil-cooled,
 - IE4 rated
 - IP66 protection class
- New generation in-house designed screw elements
- Imperium variable speed technology
- ENERGY SAVINGS of up to 45%
- ICONS connected
- Rated up to 46°C ambient temperature



Power	Pressure	FAD	Noise level dB	Vessel size	Transmission	Controller
HP	bar	l/min	A	L	gas	A
60-75-100	4-13	1680-13200	69-71	Base mounted	Direct driven	ES 4000 ^T touchscreen

BELT DRIVEN TECHNOLOGY FIXED SPEED: 3-100 hp

CHICAGO PNEUMATIC Belt driven compressors have an in-house designed belt that connects the electric motor to the air compressors pump with pulleys. They offer greater flexibility to adjust the air flow and pressure as needed. Additional advantages are: high quality and long lasting belts; highly reliable belt

ensioning system for excellent performance; easy installation and maintenance.

Fixed speed control: Load – unload regulation: A load/unload compressor delivers a constant air capacity. The net pressure is controlled by an inlet valve operating the compressor in a

load/unload cycle. In case the set pressure is reached, the compressor turns into unload mode (by closing the inlet valve). When the pressure value drops below a specific level, the compressor starts up the same routine.

	CPM MINI 3-9	CPA 7,5-20	CPM MAXI 10-20	CPM 21-40
Power (HP)	3-4-5,5-7,5-10	7,5-10-15-20	10-15-20	20-25-30-40
Pressure (bar)	8-10	8-10-13	8-10-13	8-10-13
FAD (l/min)	294-1062	702-2328	780-1860	1872-4332
Noise Level dB(A)	61-68	62-67	65-71	67-71
Vessel size (L)	0-200-270-500	0-270-500	0-270-500	0-500
Controller	ES 4000 Basic	ES 4000 Standard	ES 4000 Basic	ES 4000 Basic



GEAR DRIVEN TECHNOLOGY – FIXED SPEED: 20-420 hp

Gear drive provides a better accuracy in transmission between the element and the motor. Choosing the heavy-duty gearbox

solution offer, you get higher performance for less energy consumption; lower maintenance cost, no transmission losses, no belt tensioning,

no coupling maintenance, silent design thanks to standard radial cooling fan on some of the models.

	CPBg 20-34	CPBg 30-35	CPCM 40-60	CPCg 40-60	CPEg 100-150	CPFg 151-220	CPFg 271-420
Power (HP)	20-25-30-40	30-35	40-50-60	40-50-60	100-125-150	150-180-220	270-340-420
Pressure (bar)	7,5-8-10-13	7,5-8-10-13	7,5-8,5-10	7,5-8,5-10-13	7-8-10-13	7-8,5-10-13	7-8-10
FAD (l/min)	1946-4210	2867-4517	4567-7567	4422-8178	10140-20040	15114-28644	33300-52300
Noise Level dB(A)	67-71	68-69	71,5-74,5	67-72	71-74	77-78	77-78
Vessel size (L)	0-500	0	0	0	0	0	0
Controller	ES 4000 standard ES 4000 Advanced optional	ES 4000 standard ES 4000 Advanced optional	ES 4000 ^T optional	ES 4000 ^T optional	ES 4000 ^T optional	ES 4000 ^T	ES 4000 Advanced



GEAR AND DIRECT DRIVEN TECHNOLOGY – VARIABLE SPEED: 10-420 hp

Direct driven compressors have the motor directly connected to the crankshaft of the compressor. They have the ability to operate at lower temperatures and provide high-energy efficiency.

A frequency driven compressor has a working pattern with lower peaks and a smoother air profile. This is achieved by controlling the air delivery and producing only the amount of air required for the customer's application at a

specific moment. The net pressure is maintained by the use of a frequency inverter. This results in considerable energy and cost savings preventing energy losses at the load and unload cycles.






	CPVsd 10-20	CPVsd 21-34	CPVsd 30-35	CPVS* 40-60	CPVSM 40-60	CPVsg 100-150	CPVsg 151-220	CPVsg 271-420
Power (HP)	10-15-20	20-25-30-40	30-35	40-50-60	40-50-60	100-125-150	150-180-220	270-340-420
Pressure (bar)	5,5-12,5	5,5-12,5	5,5-12,5	7-9,5-12,5	7-8-10-13	7-8-10-13	7-8,5-10-13	7-8-10
FAD (l/min)	258-2217	780-4158	767-4617	1080-8100	400-7450	3000-19080	18600-30108	10000-52300
Noise Level dB(A)	62-65	68-72	68-69	67-72	71,5-74,5	70-71	77-78	77-78
Vessel size (L)	4-13	0	0	0	0	0	0	0
Controller	4-10	ES 4000 standard ES 4000 Advanced optional	ES 4000 standard ES 4000 Advanced optional	ES 4000 ^T standard	ES 4000 ^T optional	ES 4000 ^T standard	ES 4000 ^T	ES 4000 Advanced

* CPVS 40-60: CPVS 40 - DD; CPVS 50-60 GD



CONTROLLERS

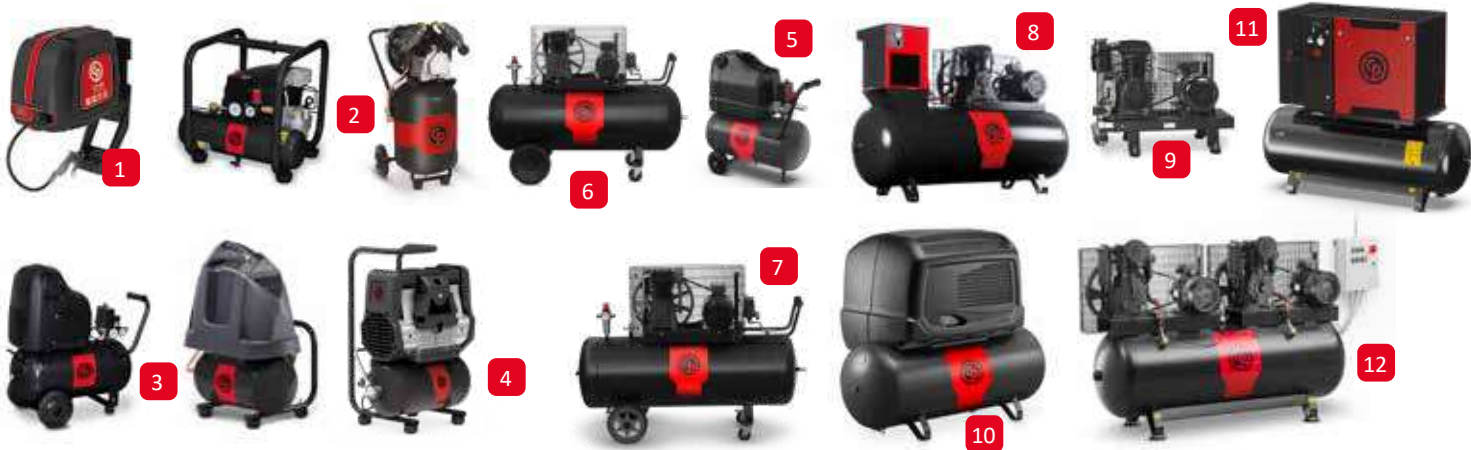


ES 4000 BASIC	ES 4000 STANDARD	ES 4000 ADVANCED	ES 4000 T TOUCHSCREEN	ECONTROL 6
				
<ul style="list-style-type: none"> • Advanced monitoring • Simple day-to-day configuration and control • Icon based display • Running hours, load hours • Pressure and temperature readings • Remote start stop • Automatic restart after a power failure • Maintenance service warnings • Fault management • Fast pressure setting, directly on the controller 	<ul style="list-style-type: none"> • Icon based display action • Led status visualization • Digital I/O • Remote start stop, load-unload, emergency stop • Automatic restart after a power failure • Service indicator and fault management provide comprehensive messages to ease service diagnostics • Visualization through web browser using a simple Ethernet connection 	<ul style="list-style-type: none"> • User-friendly graphic screens, data logging and storage on a memory card • Stop/start timers do not rely on the operator's action to save energy, but program the ES 4000 ADVANCED controller to operate as your factory operates • Dual pressure band time scheduling for operation with different pressure bands, leading to energy savings 	<ul style="list-style-type: none"> • Easy to use large 4,3" full-colour graphical touchscreen display • In-house designed • Integrated connectivity helps optimizing and save energy • Warning indications • Graphical indication service plan • Integrated ECO6i available as option to central control up to 6 compressors limiting the energy consumption and equalizing running hours across your whole system • Online visualization of running conditions 	<ul style="list-style-type: none"> • Simple, central control to reduce system pressure and energy consumption in installations of up to 6 compressors • Single pressure measurement point • Minimized pressure band • Stable system pressure • Equalization of running hours • Multiple IVR speed control • Clear and visual graphical display • Online monitoring and controlling possible • Touchscreen display

PISTON COMPRESSORS



	1 HR	2 CPRA	3 CPRB	4 CPRB MX	5 CPRB MZ	6 CPRC	7 CPRD	8 CPRO	9 CPRF	10 CPRP	11 CPRS	12 CPRK
Power (kW/ HP)	1 kW 1,5 HP	1,5-2,2 kW 2-3 HP	0,75-1,5 kW 1-2 HP	0,6-1,5 kW 0,75-2 HP	0,75-1,5 kW 1-2 HP	1,5-3 kW 2-4 HP	2,2-11 kW 3-15 HP	3-7,5 kW 4-10 HP	5,5-7,5 kW 7,5-10 HP	3-5,5 kW 4-7,5 HP	1,5-7,5 kW 2-10 HP	4-7,5 kW 5,5-10 HP
Pressure (bar)	8	10	8	9	10	10	11-15	11	11	11	3-4-5-10-11	11
FAD (l/min)	160	220-330	150-230	140-230	115-230	255-486	351-1390	514-1210	950-1210	473-758	255-1020	530-1399
Vessel size (L)	0	6-9+9-10-20-24-50-100-200	6-24-50	6-9-10-15-20-24-50	6-24-50	27-50-90-150-200-270	50-90-150-200-270-500	270-500	0	270-500	0-27-100-270-500	0-270-500
Drive & features	Oil-free	Direct, Oil-free	Direct, Oil-free	Direct, Oil-free, Silent	Direct, Oil-free	Belt, 1 stage	Belt, 2 stages	Belt, 2 stages, with dryer	Belt, 1&2 stages, base mounted	Belt, 2 stages, Silent	Belt, 1&2 stages, Silent, canopy	Belt, 1&2 stages, Cast-iron





QUALITY AIR SOLUTIONS



REFRIGERATION DRYERS

	CPX 10-3000	COOL 10-270
FAD (l/min)	350-84000	350-7700
Power (kW)	0,13-12,3	0,13-1,24
Max operation pressure (bar)	16 (CPX 10-60) 14 (CPX 80-3000)	16 (COOL 10-125) 13 (150-270)
Pressure dew point (°C)	4	72-78
Weight (kg)	19 – 650	19 – 80



AIR FILTERS 7-405

- FG: coalescing filters for general purpose protection
- FC: High-efficiency coalescing filters
- FV: Activated carbon filter
- FS: Particulate filters for dust protection
- FD: High-efficiency particulate filters for dust protection
- FP: coalescing and particulate general purpose pre-filter

FAD (m³/h)	10-2550
Size (SCFM)	6-1500
Weight (kg)	0,25-12,5



OIL-WATER SEPARATORS

	CPP 15-3125
FAD with dryer (m³/h)	43-8998
FAD without dryer (m³/h)	54-11250
Weight (kg)	1,2-171,9



AIR RECEIVERS

Typology	STANDARD			HIGH PRESSURE		
	Painted	Galvanized	Vitroflex	Painted	Galvanized	Vitroflex
Pressure (Bar)	11	11	11	16	16	16
Capacity (L)	100 - 200 - 270 - 500 - 720 - 900 - 1000; 1500 - 2000 - 3000 - 4000 - 5000			500 - 1000 - 2000 - 3000 - 4000 - 5000		
Diameter (mm)	370 - 1450	370 - 1450	430 - 1450	600 - 1430	600 - 1430	600 - 1430
Weight (Kg)	37 - 923	40 - 1025	50 - 932	159 - 1055	176 - 1160	160 - 1055



LD – ELECTRONIC CONDENSATE DRAINS

	PRESSURE (Bar)	COMPRESSOR CAPACITY (m³/h)	DRYER (m³/h)	FILTER (m³/h)	WEIGHT (kg)
Electronic LD 200	16	900	1800	9000	0,7
Electronic LD 202	16	1800	3600	18000	1,2
Electronic LD 203	16	9500	19000	95000	2,8



CTS - AFTERMARKET PRODUCTS & SERVICE
Original spare parts, service kits, lubricants;
Energy box - energy recovery system; AIRnet
- Piping system;
ICONS - Connectivity system



Care. Trust. Efficiency.

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