

Electric air compressors

Portable, Powerful and Tough



People.
Passion.
Performance.

 **Chicago
Pneumatic**

Electric air compressors

In need of a compressor that delivers high performance, easy maintenance and flexibility? Power source available on your construction site? Make sure to check out our range of electric air compressors. No longer worry about emissions. The robust and compact design makes sure transport is easy and safe. Our electric compressors deliver flows between 350 and 900 cfm and make sure you'll have the power to get the job done.

Standard features*

- Forklift slots
- External lifting point
- Single side service
- Aftercooler + Bypass

Options

- Undercarriage or skid
- Jockey wheel
- Quality air equipment (filters)
- Softstart
- Camlok/Powerlock



Model		CPS 400E-150	CPS 500E-150	CPS 900E-150
Frequency	Hz	50 60	50 60	50 60
Normal effective working pressure	bar(psi)	10(150)	10(150)	10(150)
Free air delivery**	cfm	420	500	900
	m³/min	11.9	14.2	25.8
	l/s	199	237	430
Max. ambient temperature	°C	50	50	45
Min. ambient temperature (cold start)	°C	-25	-25	-25
Sound pressure level (LpA) at 7m (23ft)***	dB(A)	68	65 67	68 73

Main Motor

Power	kW	75	90	160
Voltage	V	400 380 / 440 / 460 / 575	400 380 / 440 / 460 / 575	400 380 / 440 / 460 / 575
Class		IE3		

Capacity

Compressor oil	l	40	65
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Dimensions and weight (Box version)

Length	mm	2850	3378
Width	mm	1100	1190
Length	mm	1620	1663
Weight	kg	1625	2963

*Only available on CPS 400E-150, CPS 500E-150 and CPS 900E-150. Single side service is only available on CPS 900E-150.

** Unit performance measured according to ISO 1217, Ed. 3, Annex C - 1996

*** Measured according to ISO 2151: 2004 using ISO 9614/2

Model		CPS 350E-100	CPS 400E-185	CPS 450E-100	CPS 450E-150
Frequency	Hz	50	50	50	50
Normal effective working pressure	bar(psi)	7(102)	13(189)	7(102)	10(145)
Free air delivery**	cfm	353	388	459	459
	m³/min	10	11	13	13
	l/s	167	183	217	217
Max. ambient temperature	°C	50	50	50	50
Min. ambient temperature	°C	-10	-10	-10	-10
Sound pressure level (LpA) at 7m (23ft)***	dB(A)	73	73	73	73

Main Motor

Power	kW	55	90	75	90
Voltage	V	380			
Class		IE2			

Capacity

Compressor oil	l	20	28	28	28
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Dimensions and weight (undercarriage)

Length	mm	3172			
Width	mm	1600			
Height	mm	1745			
Weight	kg	1540	1640	1540	1640

Model		CPS 500E-185	CPS 600E-150	CPS 600E-200	CPS 700E-100	CPS 750E-150	CPS 770E-300	CPS 800E-125
Frequency	Hz	50	50	50	50	50	50	50
Normal effective working pressure	bar(psi)	13(189)	10(145)	14(203)	7(102)	10(145)	21(305)	8(116)
Free air delivery**	cfm	477	583	565	717	706	770	812
	m³/min	13.5	16.5	16	20.3	20	21.8	23
	l/s	225	275	267	338	334	363	383
Max. ambient temperature	°C	50	50	50	50	50	50	50
Min. ambient temperature	°C	-10	-10	-10	-10	-10	-10	-10
Sound pressure level (LpA) at 7m (23ft)***	dB(A)	73	73	73	73	73	78	73

Main Motor

Power	kW	110	110	132	110	132	250	132
Voltage	V	380	380	380	380	380	380	380
Class		IE2						

Capacity

Compressor oil	l	55	55	55	55	55	92	55
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Dimensions and weight (undercarriage)

Length	mm	4232	4232	4232	4232	4232	3985	4232
Width	mm	1950	1950	1950	1950	1950	1800	1950
Height	mm	2170	2170	2170	2170	2170	2200	2170
Weight	kg	2590	2590	2590	2590	2590	4250	2590

** Unit performance measured according to ISO 1217, Ed. 3, Annex C - 1996

*** Measured according to ISO 2151: 2004 using ISO 9614/2

Construction equipment portfolio

Air compressors



- Small air**
- 75-190 cfm
 - 100 psi



- Medium air**
- 190-833 cfm
 - 100-175 psi
 - Electric air: 350-900 cfm



- Large air**
- 770-1077 cfm
 - 150-360 psi

Handheld tools



- Pneumatic tools**
- Breakers (13.5-43.5 kg)
 - Hammers (4.3-15.4 kg)
 - Rock drills (14.7-29.5 kg)
 - Additional air tools



- Hydraulic tools**
- Hammers and Breaker (12-39 kg)
 - Power packs
 - Additional hydraulic tools



- Motor driven tools**
- Breakers (22.5 kg)
 - Motor drills (25 kg)
 - Tie tampers (22.5 kg)

Generators Light towers Dewatering pumps



- Mobile
- Stationary
- Portable



- Diesel LED and MH
- Electric LED



- Surface
- Submersible
- Small package

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.