

Portable and Electric Compressors

Portable, Powerful and Tough



People.
Passion.
Performance.



Chicago
Pneumatic

Small air compressors

The new CPS 175-100 small air compressor makes sure to deliver compressed air, wherever you need it. Thanks to its low weight, the CPS 175-100 is easy to tow. The large fuel tank was made to cover full 8 hour shifts. Choose a machine that's easy to use. Even in the most demanding circumstances, the CPS 175-7 will deliver.

Standard features

- Simplified control panel with easy user interface
- Corrosion resistant sheet metal
- Easy service access
- Heavy duty air and fuel filters

Options

- Cold start (synthetic oils)
- Towing eye, jockey wheel or support leg
- Spillage free frame
- Fixed or adjustable tow bar
- Skid or support mounted
- Wheel chocks
- Toolbox
- Spark arrester
- Aftercooler + WSD
- Safety cartridge
- Additional fuel filter
- Check valve



Diesel compressors

		CPS 175-100
Normal effective working pressure	bar(psi)	7(100)
Free air delivery	l/s	83.3
	cfm	175
	m3/min	5
Minimum engine speed	rpm	1850
Maximum engine speed	rpm	3000
Compressor oil capacity	l	8
Air outlet valves		3 x 3/4"

Engine

Engine brand		Kubota
Engine model		V1505T
Engine power	kW	33
Engine cooling		Water
Engine oil capacity	l	5.5
Engine tank capacity	l	60

Dimensions (Box unit without undercarriage)

Length	mm	2050
Width	mm	1200
Height	mm	1200
Operational Weight	kg	650

Dimensions (Box unit with undercarriage)

Length	mm	2700
Width	mm	1350
Height	mm	1350
Operational Weight	kg	750

Truck air range

The Truck Air range was made for integration on utility vehicles. Thanks to their lightweight design, they're compact and easy to use. Single side service and the built-in corrosion protection make a perfect fit for your utility truck, no matter where you go.

Standard features

- Spillage free frame with centralized drain
- Forklift slot as standard
- Spin on oil filter for service within 30 minutes
- Heavy duty air filter and fuel filter
- Ruggedized and simple control panel
- External fuel filling
- Sturdy enclosure for three layer stacking
- Corrosion free plastic fuel tank for full shift autonomy

Options

- After cooler and water separator
- Secondary fuel tank
- Spark arrestor and air inlet shutdown
- Safety cartridge
- Generator
- Cold weather starting aid (-20°C)



Diesel compressors

		T 75-100	T 110-100	T 130-100	T 175-100	T 190-100	T 190-175	T 250-100
Normal effective working pressure	bar(psi)	7(100)	7(100)	7(100)	7(100)	7(100)	12(175)	7(100)
Free air delivery	l/s	35	47	61	83	90	92	120
	cfm	75	110	130	175	190	190	250
	m3/min	2.1	2.8	3.7	5	5.4	5.5	7.1
Max. ambient temperature at sea level	°C	50						
Min. starting temperature	°C	-10						
Min. starting temperature(Cold Start Aid)	°C	-20						

Engine

Model		Kubota D722	Kubota D902	Kubota V1505T		Kubota V2403T
Number of cylinder		3		4		4
Power output @ normal shaft speed	kW	14.9	18.5	26.5	32.5	47.9
Full load RPM	rpm	3400	3600	3000		2700
Unload RPM	rpm	1800	2000	1600		1600

Capacity

Engine oil	l	3		5.5		9.5
Compressor oil	l	5		9		11
Fuel tank	l	20		62		100
Optional extended fuel tank	l	10		23		30

Dimensions

Length	mm	1580		1870		2050
Width	mm	740		950		1200
Height	mm	850		1040		1230
Weight	kg	500		750		1200

Medium and large air compressors

Looking for a high performance diesel air compressor? Our medium and large air range of compressors offers you a robust design which makes them ready for the most challenging tasks. They offer the power to get any job done at your construction site. Easy to service, thanks to our simple control panel. Covering full 8 hours shifts? Don't worry. Our range of medium and large air compressors got you covered.

Standard features

- Reliable mechanical engines
- Ruggedized and simple control panel
- Corrosion free sheet metal
- Easy service access
- Heavy duty air and fuel filters

Options

- Support mount
- Quality air equipment
- Cold start



Diesel compressors		CPS 7.0-7*	CPS 11.0-7**	CPS 350-175	CPS 360-150	CPS 400-100	CPS 11.0-12**	
Free air delivery	Normal effective working pressure	bar(psi)	7(100)	7(100)	12(175)	10(150)	7(100)	12(175)
	Free air delivery	l/s	114	185	167	173	200	173
		cfm	241	392	353	367	424	367
		m ³ /min	7	11.1	10.0	10.4	12.0	10.4
Minimum engine speed	rpm	1600	1700	1500		1700		
Maximum engine speed	rpm	2700	2300	2300		2100		
Compressor oil capacity	l	11	23.5	24		23.5		
Air outlet valves		1x1 1/2" / 3 x 3/4"	1x1 1/2" / 3 x 3/4"	1x1 1/2" / 3 x 3/4"		1x1 1/2" / 3 x 3/4"		

Engine

Engine brand		Kubota	Deutz	Cummins		Deutz
Engine model		V2403-M-DI-T-E2B	TCD2012L04	4BTAA3.9-C125		TCD2013L04
Engine power	kW	49.2	83	93		104
Electrical system	V	12	12	24		12
Engine oil capacity	l	11.5	8.5	9		10.5
Engine tank capacity	l	87	175	185		175

Dimensions (Box unit without undercarriage)

Length	mm	2314	2642	2235		2642
Width	mm	1378	1391	1180		1391
Height	mm	1518	1608	1623		1608
Operational Weight	kg	1099	1642	1580		1642

Dimensions (Box unit with undercarriage)

Length	mm	3747	4098	2862		4098
Width	mm	1593	1700	1790		1700
Height	mm	1572	1750	1908		1750
Operational Weight	kg	1300	1705	1680		1705

*CE marking, Red Rock polyethylene canopy and spillage free frame

**CE marking



Diesel compressors		CPS 750-175	CPS 800-150	CPS 850-125	CPS 770-300	CPS 820-250	CPS 900-175	CPS 950-150	CPS 1070-360
Normal effective working pressure	bar(psi)	12(175)	10(150)	8.6(125)	21(300)	17(250)	12(175)	10(150)	25(360)
Free air delivery	l/s	347	370	393	363	385	410	447	508
	cfm	735	784	833	770	816	869	946	1077
	m ³ /min	20.8	22.2	23.6	21.8	23.1	24.6	26.8	30.5
Minimum engine speed	rpm	1300			1400		1400		1100
Maximum engine speed	rpm	2000			2000		2000		1600
Compressor oil capacity	l	55			70		65		100
Air outlet valves		1x1 1/2" / 3 x 3/4"			1x1 1/2" / 3 x 3/4"		1x1 1/2" / 3 x 3/4"		1x1 1/2" / 3 x 3/4"

Engine

		Cummins							
Engine brand		Cummins							
Engine model		6CTA8.3-C260			6LTAA8.9-C315		6LTAA8.9-C315		QSZ13-C500-II
Engine power	kW	194			232		232		372
Electrical system	V	24			24		24		
Engine oil capacity	l	18			28		28		45
Engine tank capacity	l	300			512		430		780

Dimensions (Box unit without undercarriage)

Length	mm	2726			3985		3985		4360
Width	mm	1660			1800		1800		2100
Height	mm	1850			2200		2200		2180
Operational Weight	kg	2380			5010		4245		5780

Dimensions (Box unit with undercarriage)

Length	mm	4377			4210		4210		4460
Width	mm	1950			1800		1800		2100
Height	mm	2270			2631		2631		2570
Operational Weight	kg	2685			5365		4600		6280

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 400 and 875 cfm at 10 bar and makes 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	415 403	481 493	875
	m³/min	11.8 11.4	13.6 13.9	24.8
	l/s	196 190	227 232.7	413
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)	67	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	1800	3160

*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(100)	13(185)	7(100)	10(150)
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(185)	10(150)	14(200)	7(100)	10(150)	21(300)	8(125)
Free air delivery**	cfm	477	583	583	717	742	770	812
	m³/min	13.5	16.5	16.5	20.3	21	21.8	23
	l/s	225	275	275	338	350	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



- Mobile
- Stationary
- Portable

Light towers



- Diesel LED and MH
- Electric LED

Dewatering pumps



- 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.