

# Portable and Electric Compressors

Portable, Powerful and Tough



People.  
Passion.  
Performance.



Chicago  
Pneumatic

# Small air compressors

The new CPS 175-7 small air compressor makes sure to deliver compressed air, wherever you need it. Thanks to its low weight, the CPS 175-7 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 175-7
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 G 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 75-7	T 110-7	T 130-7	T 175-7	T 190-7	T 190-12	T 250-7
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 to access for service
- Heavy duty air filters and fuel filters

## Options

- Support mount
- Quality air equipment
- Cold start



## Diesel compressors

		CPS 350-12	CPS 360-10	CPS 400	CPS 750-12	CPS 800-10	CPS 850-9	
Free air delivery	Normal effective working pressure	bar(psi)	12(175)	10(150)	7(100)	12(175)	10(150)	8.6(125)
	Free air delivery	l/s	167	173	200	347	370	393
		cfm	353	367	424	735	784	833
		m <sup>3</sup> /min	10.0	10.4	12.0	20.8	22.2	23.6
Minimum engine speed	rpm	1500			1300			
Maximum engine speed	rpm	2300			2000			
Compressor oil capacity	l	24			55			
Air outlet valves		1xG11/2" + 3xG3/4"			1xG2 1xG3/4			

## Engine

		Cummins					
Engine brand		Cummins					
Engine model		4BTAA3.9-C125			6CTA8.3-C260		
Engine power	kW	93			194		
Electrical system	V	24			24		
Engine oil capacity	l	9			18		
Engine tank capacity	l	185			300		

## Dimensions (Box unit without undercarriage)

Length	mm	2235	2726
Width	mm	1180	1660
Height	mm	1623	1850
Operational Weight	kg	1580	2380

## Dimensions (Box unit with undercarriage)

Length	mm	2862	4377
Width	mm	1790	1950
Height	mm	1908	2270
Operational Weight	kg	1680	2685



<b>Diesel compressors</b>		CPS 770-21	CPS 820-17	CPS 900-12	CPS 950-10	CPS 1070-25
Normal effective working pressure	bar(psi)	21(300)	17(250)	12(170)	10(150)	25(360)
Free air delivery	l/s	363	385	410	447	508
	cfm	770	816	869	946	1077
	m <sup>3</sup> /min	21.8	23.1	24.6	26.8	30.5
Minimum engine speed	rpm	1400		1400		1100
Maximum engine speed	rpm	2000		2000		1600
Compressor oil capacity	l	70		65		100
Air outlet valves		1xG2"+1xG3/4"		1xG2"+1xG3/4"		1xG2"+1xG3/4"

<b>Engine</b>		Cummins	Cummins	Cummins
Engine brand		Cummins	Cummins	Cummins
Engine model		6LTAA8.9-C315	6LTAA8.9-C315	QSZ13-C500-II
Engine power	kW	232	232	372
Electrical system	V	24	24	
Engine oil capacity	l	28	28	45
Engine tank capacity	l	512	430	780

**Dimensions** (Box unit without undercarriage)

Length	mm	3984	3984	4200
Width	mm	1800	1800	2100
Height	mm	2200	2200	2800
Operational Weight	kg	5010	4245	5780

**Dimensions** (Box unit with undercarriage)

Length	mm	4210	4210	4460
Width	mm	1800	1800	2100
Height	mm	2631	2631	2570
Operational Weight	kg	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 403 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
- Spillage free frame

## Options

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



Model		CPS 400E	CPS 500E	CPS 900E
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, CPS 500E and CPS 900E. Single side service is only available on CPS 900E.

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

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

<b>Model</b>		<b>CPS 350E</b>	<b>CPS 400E-13</b>	<b>CPS 450E</b>	<b>CPS 450E-10</b>
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	3840			
Width	mm	1680			
Height	mm	1740			
Weight	kg	1540	1640	1540	1640

<b>Model</b>		<b>CPS 500E-13</b>	<b>CPS 600E-10</b>	<b>CPS 600E-14</b>	<b>CPS 700E</b>	<b>CPS 750E-10</b>	<b>CPS 770E-21</b>	<b>CPS 800E-8</b>
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	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**
- 2-7 m<sup>3</sup>/min
  - 5.5-12 bar



- Medium air**
- 27-12 bar
  - 7-17 bar



- Large air**
- 10-25 bar
  - 23-30 m<sup>3</sup>/min

## 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.