

Portable Diesel Compressors

Portable, Powerful and Tough



People.
Passion.
Performance.



Chicago
Pneumatic

Portable, Powerful and Tough

Red Rock Range

Portable: Most of the models can be towed behind a normal passenger car with no special driving license needed.

Powerful: Power up to two breakers with effortless ease. You can also get a generator included in the package if you wish.

Tough: The Red Rock canopy is made from extra tough polyethylene, protecting the working parts and ensuring your compressor looks and performs to its maximum, day in and day out.

Standard Features:

- Red Rock polyethylene canopy
- Easy service guarantee with all parts easily accessible
- Spillage free frame
- Low noise level according to European noise legislation
- Robust and highly efficient mechanical engine from Kubota



		CPS 2.0-7	CPS 2.5-7	CPS 3.5-10
Normal effective working pressure	bar (psi)	7(100)	7(100)	10.3(149)
Free air delivery	cfm	70	90	125
	m ³ /min	2.0	2.5	3.5
	l/s	33	42	58
Output power	kVA	-	-	-
Sound pressure level (LpA) at 7m	dB(A)	70	70	70
Sound power level (LwA)	dB(A)	97	98	98
Max. Ambient temperature at sea level	°C	50	47	50
Min. Starting temperature	°C	-10	-10	-10
Min. Starting temperature (Cold start aid)	°C	-20	-20	-20

Engine

		Kubota D 722	Kubota D 902	Kubota V 1505 T
Model				
Emission stage		Stage V	Stage V	Stage IIIA
Number of cylinders		3	3	4
Power output @ normal shaft speed	kW	14.9	18.5	33
Full load RPM	rpm	3400	3400	3000
Unload RPM	rpm	2000	2000	1850

Capacity

		CPS 2.0-7	CPS 2.5-7	CPS 3.5-10
Engine oil	l	4	4	5.5
Compressor oil	l	6	6	8
Fuel tank	l	28.5	28.5	60

Box unit dimensions

		CPS 2.0-7	CPS 2.5-7	CPS 3.5-10
Length	mm	1540	1540	1950
Width	mm	960	960	1180
Height	mm	900	900	1120
Weight	kg	440	440	650

Undercarriage dimensions

		Trailer mounted with adjustable towbar (without brakes)		
Type				
Length	mm	2050	2050	2300
Width	mm	1225	1225	1350
Height	mm	1190	1190	1430
Weight	kg	500	500	< 750



RED ROCK

				With Generator		
		CPS 4.5-7	CPS 5.0-7	CPS 2.5-7 G	CPS 3.5-7 G	CPS 5.0-7 G
Normal effective working pressure	bar (psi)	7(100)	7(100)	7(100)	7(100)	7(100)
Free air delivery	cfm	159	177	90	125	177
	m ³ /min	4.5	5.0	2.5	3.5	5.0
	l/s	75	83	42	58	83
Output power	kVA	-	-	12	6 12	9
Sound pressure level (LpA) at 7m	dB(A)	70	70	70	70	70
Sound power level (LwA)	dB(A)	98	98	98	98	98
Max. Ambient temperature at sea level	°C	50	50	50	50	50
Min. Starting temperature	°C	-10	-10	-10	-10	-10
Min. Starting temperature (Cold start aid)	°C	-20	-20	-20	-20	-20

Engine

		Kubota V 1505 T	Kubota V 1505 T	Kubota V 1505 (T)	Kubota V 1505 T	Kubota V 1505 T
Emission stage		Stage IIIA	Stage IIIA	Stage IIIA	Stage IIIA	Stage IIIA
Number of cylinders		4	4	4	4	4
Power output @ normal shaft speed	kW	33	33	26.5 33	33	33
Full load RPM	rpm	3000	3000	3000	3000	3000
Unload RPM	rpm	1850	1850	1850	1850	1850

Capacity

Engine oil	l	5.5	5.5	5.5	5.5	5.5
Compressor oil	l	8	8	8	8	8
Fuel tank	l	60	60	60	60	60

Box unit dimensions

Length	mm	1950	1950	1950	1950	1950
Width	mm	1180	1180	1180	1180	1180
Height	mm	1120	1120	1120	1120	1120
Weight	kg	650	650	650	650	650

Undercarriage dimensions

Type	Trailer mounted with adjustable towbar (without brakes)			Trailer mounted with adjustable towbar (without brakes)		
Length	mm	2300	2300	2300	2300	2300
Width	mm	1350	1350	1350	1350	1350
Height	mm	1430	1430	1430	1430	1430
Weight	kg	< 750	< 750	< 750	< 750	< 750

Truck Air Range

Light and compact built-in compressors

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

		T75-7	T110-7	T130-7	T175-7	T190-7	T190-12	T250-7
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	100	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	50	50	50	50	50	50
Min. starting temperature	°C	-10	-10	-10	-10	-10	-10	-10
Min. starting temperature(Cold Start Aid)	°C	-20	-20	-20	-20	-20	-20	-20

Engine

		Kubota D722	Kubota D902	Kubota V1505	Kubota V1505T	Kubota V1505T	Kubota V2403T	Kubota V2403T
Model								
Number of cylinder		3	3	4	4	4	4	4
Power output @ normal shaft speed	kW	14.9	18.5	26.5	32.5	32.5	47.9	47.9
Full load RPM	rpm	3400	3600	3000	3000	3000	2700	2700
Unload RPM	rpm	1800	2000	1600	1600	1600	1600	1600

Capacity

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

Dimensions

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

Small air compressors

Our range of portable diesel compressors offer you portability, power and toughness. Thanks to the latest screw element technology and a powerful engine, our compressors deliver increased efficiency and performance.

Work fast and stay productive, that's what our compressors are all about.

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:

- Towing eyes
- Fixed tow bar/adjustable tow bar
- Jockey wheel or leg support
- Road light system
- Wheel chocks
- Support mount
- Quality air equipment
- Special application equipment
- Cold starts



Diesel compressors

		CPS 175-7	CPS 185-7	CPS 275-7
Normal effective working pressure	bar(psi)	7(100)		7(100)
Free air delivery	l/s	83.3	88	127
	cfm	175	187	269
	m ³ /min	5	5.3	7.6
Minimum engine speed	rpm	1850	1850	1800
Maximum engine speed	rpm	3000	2750	2400
Compressor oil capacity	l	7.7	8.8	13
Air outlet valves		3 x G 3/4"	3xG3/4"	1xG11/2" + 3xG3/4"

Engine

		Kubota	Deutz	Deutz
Engine brand		Kubota	Deutz	Deutz
Engine model		V1505T	F3M2011	BF4M2011
Engine power	kW	33	36	58
Engine cooling		Water	Oil / Air	
Engine oil capacity	l	5.5	6.5	11
Engine tank capacity	l	60	80	130

Dimensions (Box unit without undercarriage)

Length	mm	1720	1980	2330
Width	mm	1060	1167	1280
Height	mm	1205	978	1390
Operational Weight	kg	650	800	1265

Dimensions (Box unit with undercarriage)

Length	mm	2958	2300	4150
Width	mm	1345	1400	1700
Height	mm	1376	1280	1485
Operational Weight	kg	750	960	1500

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
- Special application equipment
- Cold starts



Diesel compressors

		CPS400-7	CPS360-10	CPS350-12	CPS850-9	CPS800-10
Normal effective working pressure	bar(psi)				8.6(125)	10(150)
Free air delivery	l/s	200	173	167	393	370
	cfm	424	367	353	833	784
	m ³ /min	12.0	10.4	10.0	23.6	22.2
Minimum engine speed	rpm	1500	1500	1500	1200	1200
Maximum engine speed	rpm	2300	2300	2300	2200	2200
Compressor oil capacity	l	24	24	24	55	55
Air outlet valves		1xG11/2" + 3xG3/4"	1xG11/2" + 3xG3/4"	1xG11/2" + 3xG3/4"	1xG2 1xG3/4	1xG2 1xG3/4

Engine

		Cummins	Cummins	Cummins	Cummins	Cummins
Engine brand		Cummins	Cummins	Cummins	Cummins	Cummins
Engine model		4BTAA3.9-C125	4BTAA3.9-C125	4BTAA3.9-C125	6CTAA8.3-C260	6CTAA8.3-C260
Engine power	kW	93	93	93	194	194
Electrical system	V	24	24	24	24	24
Engine oil capacity	l	9	9	9	19	19
Engine tank capacity	l	185	185	185	250	250

Dimensions (Box unit without undercarriage)

		CPS400-7	CPS360-10	CPS350-12	CPS850-9	CPS800-10
Length	mm	2235	2235	2235	2680	2680
Width	mm	1180	1180	1180	1660	1660
Height	mm	1623	1623	1623	1920	1920
Operational Weight	kg	1580	1580	1580	2380	2380

Dimensions (Box unit with undercarriage)

		CPS400-7	CPS360-10	CPS350-12	CPS850-9	CPS800-10
Length	mm	2862	2862	2862	4322	4322
Width	mm	1790	1790	1790	1950	1950
Height	mm	1908	1908	1908	2270	2270
Operational Weight	kg	1680	1680	1680	2685	2685



Diesel compressors

		CPS750-12	CPS950-10	CPS900-12	CPS820-17	CPS770-21	CPS1070-25
Normal effective working pressure	bar(psi)	12(175)	10(150)	12(170)	17(250)	21(300)	25(360)
Free air delivery	l/s	347	447	410	385	363	508
	cfm	735	946	869	816	770	1077
	m ³ /min	20.8	26.8	24.6	23.1	21.8	30.5
Minimum engine speed	rpm	1200	1400	1400	1400	1400	1100
Maximum engine speed	rpm	2200	2000	2000	2000	2000	1600
Compressor oil capacity	l	55	65	65	70	70	100
Air outlet valves		1xG2 1xG3/4	1xG2"+1XG3/4"	1xG2"+1XG3/4"	1xG2"+1XG3/4"	1xG2"+1XG3/4"	1xG2"+1XG3/4"

Engine

		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Engine brand		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Engine model		6CTAA8.3-C260	6LTAA8.9-C315	6LTAA8.9-C315	6LTAA8.9-C315	6LTAA8.9-C315	QSZ13-C500-II
Engine power	kW	194	232	232	232	232	372
Electrical system	V	24	24	24	24	24	24
Engine oil capacity	l	19	28	28	28	28	45
Engine tank capacity	l	250	430	430	512	512	780

Dimensions (Box unit without undercarriage)

Length	mm	2680	3984	3984	3984	3984	4200
Width	mm	1660	1800	1800	1800	1800	2100
Height	mm	1920	2200	2200	2200	2018	2800
Operational Weight	kg	2380	4245	4245	5010	5010	5780

Dimensions (Box unit with undercarriage)

Length	mm	4322	4210	4210	4210	4210	4460
Width	mm	1950	1800	1800	1800	1800	2100
Height	mm	2270	2631	2631	2631	2631	2570
Operational Weight	kg	2685	4600	4600	5365	5365	6280

Construction equipment portfolio

Air compressors



Small air

- 2-7 m³/min
- 5.5-12 bar



Medium air

- 20-24 m³/min
- 8-12 bar



Large air

- 21-30 m³/min
- 10-25 bar

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.