

Portable Diesel Compressors

Portable, Powerful and Tough



People.
Passion.
Performance.



Chicago
Pneumatic

PEOPLE. PASSION. PERFORMANCE.

Since 1901, Chicago Pneumatic has produced equipment designed not only to get the job done, but also to get it done efficiently, effectively and safely. Just as important, Chicago Pneumatic equipment is built to get right back to work on the next job.

Today the Chicago Pneumatic brand represents an extensive range of tools, compressors, accessories and more — with innovation and durability built into every piece of Chicago Pneumatic equipment.

BACKED BY TRUSTED PEOPLE

Chicago Pneumatic equipment is built for real-world applications by people who understand what tools need to do. So whether you're a rental dealer who needs to provide reliable equipment every day or you're a worker who needs productive, high-performing tools, you can trust Chicago Pneumatic equipment. Plus, thanks to Chicago Pneumatic's global network of dealers and support, the parts and service you need for maximum uptime are always close by.





Red Rock Range

Portable, powerful and tough. These words describe best our latest addition to our portfolio of portable air compressors. The Red Rock range makes sure to fit all of your needs, dealing with the toughest construction conditions as well as showing high efficiency performance.

Portable: Thanks to the polyethylene canopy, the red rock range compressors are lightweight and easy to transport.

Powerful: Power up to two 90lb breakers easily.

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
- Easy to use control panel
- DOT approved trailer with fixed towbar and adjustable hitch height.



		CPS 110	CPS 185	CPS 250
Compressor				
Actual free air delivery (FAD)	cfm	110	189	238
Normal effective working pressure	psi	100	100	100-150
Max. sound pressure level @ 23' (7m) at normal working speed & pressure	dB(a)	71	76	70
Air receiver capacity	US Gal (L)	2.64 (10)	4.76 (18)	8 (30.28)
Compressor oil capacity	US Gal (L)	1.98 (7.5)	2.5 (9.7)	3 (11.36)
Air compressor outlets		2 x 3/4"	2 x 3/4"	3 x 3/4" & 1 x 1/2"

Engine

Engine model		Kubota D 902 T4F	Kubota 1803	Kubota V2403-CR-T-E4B
Emissions regulation	US EPA	T4F (mechanical)	T4F (DOC only)	T4F (DPF/DOC)
Number of cylinders		3	3	4
Engine speed (Unloaded)	rpm	2000	1800	1800
Engine speed (Maximum loaded)	rpm	3600	2900	2700
Engine oil capacity	US Gal (L)	0.95 (3.6)	1.62 (6.1)	2.5 (9.46)
Fuel tank capacity	US Gal (L)	7.52 (28.5)	27 (102.2)	23 (87.06)
Fuel consumption at 100% load	Gal/Hr (L/Hr)	1.32 (5)	2.37 (8.97)	4.2 (15.9)

Dimensions and weight (including undercarriage)

Weight (inc. fuel)	lb (Kg)	1100 (498)	2100 (952)	2430 (1102)
Length	in (m)	79 (2)	130 (3.3)	147 (3.73)
Width	in (m)	48 (1.22)	62 (1.57)	63 (1.60)
Height	in (m)	51 (1.3)	69 (1.75)	63 (1.60)

Utility Range

Light and compact built-in compressors

The CPS 185 KDU was made for integration on utility vehicles. Thanks to its lightweight design, it's 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.



**EASY TO
INTEGRATE**

Standard features:

- Low fuel shutdown system to reduce downtime on site
- Forklift slot as standard on both sides
- Spin on oil filter for service within 30 minutes
- Heavy duty air filter and fuel filter
- Ruggedized and simple control panel
- External fuel filling
- Corrosion free plastic fuel tank for full shift autonomy
- Service points accessible from the road side

Options:

- Safety cartridge
- Cold weather starting aid (-23°C)

Technical data

CPS 185 KDU

Compressor

Actual free air delivery (FAD)	cfm	185
Normal effective working pressure	psi	100
Max. sound pressure level @ 23' (7m) at normal working speed & pressure	dB(a)	76
Air receiver capacity	US Gal (L)	4.5 (17.03)
Compressor oil capacity	US Gal (L)	2.25 (8.52)
Air compressor outlets		2 x ¾" NPT

Engine

Engine model		Kubota V2403-CR-EF02
Emissions regulation	US EPA	T4F (DPF/DOC)
Number of cylinders		4
Engine speed (Unloaded)	rpm	1600
Engine speed (Maximum loaded)	rpm	2700
Engine oil capacity	US Gal (L)	2.75 (10.4)
Fuel tank capacity	US Gal (L)	25 (94.63)
Fuel consumption at 100% load	Gal/Hr (L/Hr)	2.3 (8.71)

Dimensions and weight

Weight (inc. fuel)	lb (Kg)	2115 (959)
Length	in (m)	87.25 (2.22)
Width	in (m)	34 (0.86)
Height	in (m)	55 (1.4)



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:

- Ruggedized and simple control panel
- Corrosion free sheet metal
- 2-layer coating protection
- Easy to access for service
- Heavy duty air filters and fuel filters

Options:

- Support mount
- Quality air equipment
- Special application equipment
- Cold starts
- Spillage free frame



		CPS 400-150	CPS 400-200	CPS 650-200
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Compressor

Actual free air delivery (FAD)	cfm	400 440	390 400	575 650
Normal effective working pressure	psi	150 100	200 175	250 200
Max. sound pressure level @ 23' (7m) at normal working speed & pressure	dB(a)	76	76	76
Air receiver capacity	US Gal (L)	11 (41.64)	11 (41.64)	16.7 (63.22)
Compressor oil capacity	US Gal (L)	6.3 (23.85)	6.3 (23.85)	4.2 (15.9)
Air compressor outlets		2 x ¾" & 1 x 1 1/2 "	2 x ¾" & 1 x 1 1/2 "	2 x ¾" & 1 x 1 1/2 "

Engine

Engine model		John Deere 4045HFC04	John Deere 4045HFC04	John Deere 6068
Emissions regulation	US EPA	T4F	T4F	T4F
Number of cylinders		4	4	6
Engine speed (Unloaded)	rpm	1500	1500	1300
Engine speed (Maximum loaded)	rpm	2400	2200	2100
Engine oil capacity	US Gal (L)	5.4 (20.44)	5.4 (20.44)	8.5 (32.18)
Fuel tank capacity	US Gal (L)	52 (196.84)	52 (196.84)	88 (333.11)
Fuel consumption at 100% load	Gal/Hr (L/Hr)	6.5 (24.61)	6.5 (24.61)	10.7 (40.5)
DEF tank capacity	US Gal (L)	5.4 (20.4)	5.4 (20.4)	11 (41.6)
DEF consumption at 100% load	Gal/Hr (L/Hr)	0.33 (1.25)	0.33 (1.25)	0.37 (1.4)

Dimensions and weight (including undercarriage)

Weight (inc. fuel)	lb (Kg)	4555 (2066)	4470 (2027)	7980 (3619)
Length	in (m)	161 (4.09)	165 (4.09)	203 (5.16)
Width	in (m)	71.5 (1.82)	71.5 (1.82)	80 (2.03)
Height	in (m)	70 (1.78)	74 (1.78)	86 (2.18)



		CPS 900	CPS 1800
Compressor			
Actual free air delivery (FAD)	cfm	750 867	1400 1600 1800
Normal effective working pressure	psi	150 100	200 150 100
Max. sound pressure level @ 23' (7m) at normal working speed & pressure	dB(a)	76	76
Air receiver capacity	US Gal (L)	16.7 (63.22)	37.8 (143.09)
Compressor oil capacity	US Gal (L)	4.2 (15.9)	30 (113.56)
Air compressor outlets		2 x ¾" & 1 x 1 ½ "	2 x 2 NPT
Engine			
Engine model		John Deere 6068	John Deere 6135HFC09
Emissions regulation	US EPA	T4F	Tier 4 Final
Number of cylinders		6	6
Engine speed (Unloaded)	rpm	1300	1300
Engine speed (Maximum loaded)	rpm	2100	2100
Engine oil capacity	US Gal (L)	8.5 (32.18)	14.2 (53.75)
Fuel tank capacity	US Gal (L)	88 (333.11)	240 (908.5)
Fuel consumption at 100% load	Gal/Hr (L/Hr)	10.5 (39.75)	22 (83.28)
DEF tank capacity	US Gal (L)	11 (41.8)	12.5 (47.3)
DEF consumption at 100% load	Gal/Hr (L/Hr)	0.37 (1.4)	0.37 (1.4)
Dimensions and weight (including undercarriage)			
Weight (inc. fuel)	lb (Kg)	7980 (3619)	19025 (8629)
Length	in (m)	203 (5.16)	235 (5.97)
Width	in (m)	80 (2.03)	88 (2.23)
Height	in (m)	86 (2.18)	101 (2.56)

Construction equipment portfolio

Air compressors



Small air

- 110-190 cfm
- 100 psi



Medium air

- 240-900 cfm
- 100-250 psi



Large air

- 1600-1800 cfm
- 100-200 psi

Handheld tools



Pneumatic tools

- Breakers (29-95 lbs)
- Chipping hammers (12-19 lb)
- Rock drills (9-65 lbs)
- Additional air tools



Hydraulic tools

- Breakers (55-86 lbs)
- Power packs
- Additional hydraulic tools



Motor driven tools

- Breakers (50 lbs)
- Motor drills (55 lbs)
- Tie tampers (50 lbs)

Generators



- Mobile
- Portable
- 2000 watt - up to 625 kVA

Light towers



- Diesel LED and MH
- Electric LED

Dewatering pumps



- Surface
- Electric submersible
- Dewatering and trash pumps (2"-4", 5 HP -11.5 HP)
- Diesel powered pumps (25 - 100 HP)

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.