

# Portable Diesel Compressors

Built for Reliable Performance



People.  
Passion.  
Performance.



# SOLUTIONS WHERE AND WHEN YOU NEED THEM

Chicago Pneumatic has built a real game changing line up when it comes to delivering on-site, air, power and light. Building on over 120 years of knowledge, our latest portfolio is our most innovative and toughest to date. The word toughness optimizes the Chicago Pneumatic brand. You will see toughness, coupled with superior portability and efficiency across the entire range.



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 <sup>3</sup> /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

Model		Kubota D 722	Kubota D 902	Kubota V 1505 T
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

Engine oil	l	4	4	5.5
Compressor oil	l	6	6	8
Fuel tank	l	28.5	28.5	60

### Box unit dimensions

Length	mm	1540	1540	1950
Width	mm	960	960	1180
Height	mm	900	900	1120
Weight	kg	440	440	650

### Undercarriage dimensions

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



		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 <sup>3</sup> /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

Model		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

# The Dual Pressure Range

This range features our toughest mid-size compressors to date, designed to ease your work and enjoy the benefits of two machines in one package. The Dual Pressure Range works at flows between 5.5-7.0 m³/min and 9.8-11.5 m³/min. Depending on the application you are working on, you can either switch working pressure at between 7-10 bar or 12-14 bar, depending on the model chosen. The Red Rock canopy makes sure your compressor can withstand the harshest working conditions.

## CPS 11-10 and CPS 11-14 features:

- Flows from 9,8-11,5 m³/min
- John Deere performance engine
- Red Rock canopy
- Lightweight and compact
- Intuitive user friendly control panel
- Corrosion free frame
- Compressor oil service interval of 1000 hours or once in every two years.
- All components are easy to access for simple service

## CPS 7.0-10 features:

- Flows from 5,5-7,0 m³/min
- Kubota performance engine
- SPF frame
- Spin on vessel
- Red Rock canopy
- Intuitive use friendly controller



		CPS 7.0-10	CPS 11.0-10	CPS 11.0-14
Normal effective working pressure (fixed presets)	bar (g)	7   10	7   10	12   14
	psi (g)	100   150	100   150	175   205
Free air delivery	cfm	250   189	405   345	385   360
	m³/min	7,0   5,5	11,5   9,8	11   10,2
	l/s	117   89	190   163	183   170
Max. Ambient temperature at sea level	°C	45	50	50
Min. Starting temperature	°C	-10	-10	-10
Min. Starting temperature (Cold start aid)	°C	-20	-25	-25

### Engine

Model		Kubota V2403	John Deere 4045HFC04	John Deere 4045HFC04
Number of cylinders		4	4	4
Power output @ normal shaft speed	kW	47,9	86	104
Full load RPM	rpm	2700   2200	1900   2200	1950   2200
Unload RPM	rpm	1800	1500	1500

### Capacity

Engine oil	l	9,5	14,7	14,7
Compressor oil	l	11	26,5	26,5
Fuel tank	l	87	168	168

### Box unit dimensions

Length	mm	2138	2942	2942
Width	mm	1255	1490	1490
Height	mm	1184	1510	1510
Weight	kg	1100	2065	2065

### Undercarriage dimensions

Length	mm	3747	4940	4940
Width	mm	1593	1580	1580
Height	mm	1572	1800	1800
Weight	kg	1300	2340	2340

# **SERVICE MADE EASY. EASY ACCESS TO CHANGE ALL PARTS. SERVICE KITS TO KEEP YOU RUNNING**

We have one simple goal – to keep you running. Chicago Pneumatic focusses on ease of doing business and reducing service time; quick access to parts is paramount to that promise. Our global network has all the parts, lubricants and accessories you need, ensuring we keep your product in tip-top condition and delivering exactly what you need it to deliver.



# Construction equipment portfolio

## Air compressors



### Small air

- 2-7 m³/min
- 5.5-12 bar



### Medium air

- 7-26 m³/min
- 7-17 bar



### Large air

- 16-51 m³/min
- 7-28 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.