



# Chicago Pneumatic



People.  
Passion.  
Performance.

Complete On-site Solutions

# The Red Rock Air Compressor Range

The range of Red Rock air compressors are the latest and toughest edition to the Chicago Pneumatic portfolio. When it comes to this range of air compressors, we know what you are looking for: Portable, Powerful and Tough.

**Portable:** All 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.

In addition we have multiple options available to ensure the compressor exactly fits your needs, including weather options, quality air options, towing options and multiple points of customisation.



		CPS 2.0	CPS 2.5	CPS 2.0-12	CPS 3.5	CPS 3.5G	CPS 5
Normal effective working pressure	bar (g)	7	7	12	7	7	7
	psi (g)	100	100	175	100	100	100
Free air delivery	cfm	70	90	80	125	125	175
	m <sup>3</sup> /min	2,0	2,5	2,0	3,5	3,5	5,0
	l/s	33	42	33	58	58	83
Output power	kVA	-	-	-	-	-	-
Sound pressure level (LpA) at 7m	dB(A)	70	70	70	70	70	70
Sound power level (LWA)	dB(A)	98	98	98	98	98	98
Max. Ambient temperature at sea level	°C	50	50	50	50	50	50
Min. Starting temperature	°C	-10	-10	-10	-10	-10	-10
Min. Starting temperature (Cold start aid)	°C	-20	-20	-20	-20	-20	-20

## Engine

Model		Kubota D 722	Kubota D 902	Kubota V 1505	Kubota V 1505	Kubota V 1505 T	Kubota V 1505 T
Number of cylinders		3	3	4	4	4	4
Power output @ normal shaft speed	kW	14,9	18,5	26,5	26,5	33	33
Full load RPM	rpm	3400	3400	3000	3000	3000	3000
Unload RPM	rpm	2000	2000	1850	1850	1850	1850

## Capacity

Engine oil	l	3,7	3,6	5,5	5,5	5,5	5,5
Compressor oil	l	5,5	5,5	7,7	7,7	7,7	7,7
Fuel tank	l	27	27	60	60	60	60

## Box unit dimensions

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

## Undercarriage dimensions

Type	Trailer mounted with adjustable towbar (without brakes)						
Length	mm	1960	1960	2300	2300	2300	2300
Width	mm	1230	1230	1350	1350	1350	1350
Height	mm	1250	1250	1430	1430	1430	1430
Weight	kg	500	500	< 750	< 750	< 750	< 750



# Drilling and Blasting Applications

The CPS offers CP durability and power in the large size for more demanding construction and maintenance applications. These diesel compressors are perfect for sandblasting applications and quarrying tools such as pneumatic block cutters and rock drills.

**APPLICATIONS:** The CPS 375 is commonly used for handheld drills, surface drilling, abrasive blasting, ice blastings, road work, shotcrete pumping and general rental/hire.

## Special Applications

Chicago Pneumatic offers a 175-psi variant for special applications such as abrasive blasting. The higher working pressure allows the CPS 375-12 to increase productivity.

**APPLICATIONS:** The CPS 375-12 is suited for use with handheld drills, abrasive blasting, ice blasting, road work, shotcrete pumping, general rental/hire and other 4-breaker compressor applications.

**UNDERCARRIAGE:**

- Braked undercarriage available with adjustable tow bar

**ADDITIONAL FEATURES:**

- Large toolbox to keep tools stowed securely
- Non-return valve

**UNDERCARRIAGE:**

- Braked undercarriage available with height adjustable tow bar

**ADDITIONAL FEATURES:**

- Large toolbox to keep tools stowed securely
- Non-return valve

	CPS 375	CPS 375-12
Airflow according to ISO1217 at Working Pressure cfm (m3/min)	392 (11.1)	375 (10.5)
Working Pressure psi (bar)	102 (7)	175 (12)
Max./Min. Working Speed rpm	2300-1700	2200-1550
Fuel Tank Capacity US gal (l)	46 (175)	46 (175) <sup>2</sup>
Air Outlet Valves: qty x size inches	3xG3/4 + 1xG1 1/2	3xG3/4 + 1xG1 1/
<b>Dimensions &amp; Weight (with full fuel tank)</b>		
Max. Length with Horizontal Tow Bar inches mm	180 (4565)	180 (4565)
Width inches (mm)	67 (1701)	67 (1701)
Height inches (mm)	70 (1780)	70 (1780)
Operational Weight lb (kg)	4024 (1825)	4152 (1883)
<b>Engine</b>		
Manufacturer	Deutz	Deutz
Coolant	GenCool	GenCool
Engine Type	BF4M2012	BF4M2013
Cylinders	4	4
Output at Nominal Speed HP (kW)	120 (88)	141 (104)



# Light and Compact Built-In Compressors

The lightweight, compact diesel compressor range is made for integration with utility vehicles. The built-in corrosion protection makes them the ideal companion, no matter where you go. We offer a complete range and you can be assured that we have the unit that is right for you.



## STANDARD FEATURES:

- Spillage free frame with centralised drain
- Forklift slot as standard
- Two layer coating and stainless accessories for anti-corrosion protection
- Spin on oil filter for service within 30 minutes
- Heavy duty air filter and fuel filter
- Single side service
- Ruggedised 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

		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
	m <sup>3</sup> /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		Kubota D722	Kubota D902	Kubota V1505	Kubota V1505T	Kubota V1505T	Kubota V2403T	Kubota V2403T
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	5	5	5	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





	CPLT H6 LED	CPLB 6 LED
--	-------------	------------

**Performance data**

		CPLT H6 LED	CPLB 6 LED
Rated frequency	Hz	50	50
Rated voltage	VAC	230	230
Rated power (PRP)	kW	2,7	2,7
Operating temperature (min/ max)	°C	-20 / 40	-20 / 40
Sound power level (LWA)	dB(A)	90	88
Sound pressure level (LpA)	dB(A) at 7 m	65	63

**Engine**

		CPLT H6 LED	CPLB 6 LED
Model		Hatz 1 B 50	Hatz 1 B 50
Speed	rpm	1500	1500
Rated net output (PRP)	kW	3,5	3,5
Coolant		Air	Air
Number of cylinders		1	1

**Alternator**

		CPLT H6 LED	CPLB 6 LED
Model		Linz E1C13S A/4	Linz E1C13S A/4
Rated output	kVA	5,5	5,5
Insulation / Enclosure protection	class/IP	H / 21	H / 21

**Consumption**

		CPLT H6 LED	CPLB 6 LED
Fuel tank capacity	l	120	130
Fuel Autonomy	h	185	200

**Power output**

		CPLT H6 LED	CPLB 6 LED
Auxiliary power	kW	1,2	1,2

**Lights**

		CPLT H6 LED	CPLB 6 LED
Floodlights		LED	LED
Wattage	W	4 x 350	4 x 350

**Mast**

		CPLT H6 LED	CPLB 6 LED
Type		Hydraulic	Hydraulic
Rotation	degrees	340	340
Maximum height	mm	8000	8000
Maximum wind speed	km/h	80	80

**Enclosure and trailer**

		CPLT H6 LED	CPLB 6 LED
Trailer		DOT US Compliant Unibody trailer with 4 point leveling system. For EU homologated check availability	
Base frame			
Enclosure		Gull-wing Red Rock doors	

**Dimensions inc. Transport fix towbar and weight**

		CPLT H6 LED	CPLB 6 LED
Length	mm	2300	1160
Width	mm	1280	1160
Height	mm	2485	2500
Weight	kg	1050	980

# The Light Tower Portfolio

We have a light tower for any site, any conditions and importantly any budget. We have a wide range of LED options and choices on the canopy design and design features. Because of the harsh conditions that the light towers are likely to operate within, we focus on ensuring peak performance and optimising lifespan and resale value.

We also focus on allowing easy maintenance access to the machine, including service components and drains. All models have an environmentally friendly frame that prevents any excess fluid escaping.



# The CPDG Mobile Generator Range

CPDG generators have been designed to meet the tough demands of the construction industry. Using proven technology, sturdy design and ease of operation, the CPDG provides you with a dependable source for all your electrical power needs. With integrated forklift slots and a lifting beam, the CPDG range of generators are easy to move and designed to be highly impact resistant. Other features include easy to read gauges, easy to access maintenance points and a reinforced structure. The CPDG generators are available with a galvanized canopy.

## STANDARD FEATURES:

- Galvanized canopy
- Centrally reinforced structure
- Lifting beam
- Spillage free frame with forklift slots
- Lockable fuel filler neck
- Robust terminal board
- Analogue control panel
- Easy drainage of all liquids
- Additional fuel filter with water separator

## AVAILABLE OPTIONS:

- Battery isolation switch
- Exhaust rain cap
- Power sockets panel
- Oil sump pump
- Cold weather operation
- Engine coolant heater
- External fuel connections
- Battery charger
- Skid with forklift slots
- ATB panels
- High capacity fuel tank
- Remote monitoring (from 60 kVA)
- Homologated and site trailer



		CPDG9	CPDG14	CPDG20	CPDG30	CPDG40
<b>Electrical data</b>						
Rated frequency	Hz	50	50	50	50	50
Rated voltage	V	400 / 230	400 / 230	400 / 230	400 / 230	400 / 230
Prime power	kVA	9	13,8	20	30	42
Standby power	kVA	10	16	21,5	33	46
Power Factor cos phi		0,8	0,8	0,8	0,8	0,8
<b>Fuel consumption</b>						
Fuel tank capacity (standard / 24-48H / 1000l fuel tank)	l	55 / 250 / 990	55 / 250 / 990	55 / 250 / 990	105 / 480	105 / 480
Fuel consumption @ 100% PRP load	l/h	2,4	3,5	5	6,9	9,8
Fuel autonomy at full load (standard / 24-48H / 1000l fuel tank)	h	22 / 104 / 412	15 / 71 / 282	11 / 50 / 198	15 / 69	10 / 48
<b>Engine</b>						
Model		Kubota D1105-BG2	Kubota D1703-M-BG	Kubota V2403-M-BG	Kubota V3300-DI-BG	Kubota V3800-DI-T-E3BG
Speed regulation	rpm	1500	1500	1500	1500	1500
Engine exhaust compliance 97/68/CE		Below 19 kW	Below 19 kW	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA
<b>Noise level</b>						
Sound power level (LwA)	dB(A)	90	90	91	92	92
Sound pressure level (LpA)	dB(A) at 7 m	63	63	64	66	66
<b>Weight and dimensions</b>						
Length (standard / skid)	mm	1750 / 1800	1750 / 1800	1750 / 1800	2200 / 2250	2200 / 2250
Width (standard / skid)	mm	840 / 944	840 / 944	840 / 944	950 / 1045	950 / 1045
Height (standard / 48H / 1000l fuel tank)	mm	1120 / 1530 / 1950	1120 / 1530 / 1950	1120 / 1530 / 1950	1270 / 1710	1270 / 1710
Weight (standard / 48H / 1000l fuel tank)	kg	580 / 700 / 980	680 / 800 / 1080	740 / 860 / 1140	970 / 1150	1040 / 1220



		CPDG60	CPDG85	CPDG105	CPDG120	CPDG150	CPDG200
<b>Electrical data</b>							
Rated frequency	Hz	50	50   60	50   60	50   60	50   60	50   60
Rated voltage	V	400 / 230	400 / 230   480 / 277	400 / 230   480 / 277	400 / 230   480 / 277	400 / 230   480 / 277	400 / 230   480 / 277
Prime power	kVA	61	84   84	104   104	120   120	150   160	200   209
Standby power	kVA	66	91   92	114   115	132   132	164   176	220   230
Power Factor cos phi		0,8	0,8	0,8	0,8	0,8	0,8
<b>Fuel consumption</b>							
Fuel tank capacity (standard / 24-48H / 1000l fuel tank)	l	160 / 520	230 / 680	230 / 680	230 / 680	375 / 950	375 / 950
Fuel consumption @ 100% PRP load	l/h	14	18,5   20	23,4   24,2	27,1   27,3	32,5   35,3	44,1   46,5
Fuel autonomy at full load (standard / 24-48H / 1000l fuel tank)	h	11 / 37	12 / 36   12 / 34	10 / 29   10 / 28	8 / 25   8 / 25	11 / 29   10 / 27	8 / 21   8 / 20
<b>Engine</b>							
Model		John Deere 4045HFU81	John Deere 4045HFU82_A	John Deere 4045HFU82_B	John Deere 4045HFU82_C	John Deere 6068HFU82_A	John Deere 6068HFU82_B
Speed regulation	rpm	1500	1500   1800	1500   1800	1500   1800	1500   1800	1500   1800
Engine exhaust compliance 97/68/CE		EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA
<b>Noise level</b>							
Sound power level (LwA)	dB(A)	91	89   92	92   95	95   98	93   96	97   101
Sound pressure level (LpA)	dB(A) at 7 m	65	63   66	66   69	69   72	67   70	71   75
<b>Weight and dimensions</b>							
Length (standard / skid)	mm	2255 / 2300	2900 / 2980	2900 / 2980	2900 / 2980	3265 / 3350	3265 / 3350
Width (standard / skid)	mm	1130	1150	1150	1150	1170	1170
Height (standard / 24H fuel tank)	mm	1615 / 2015	1710 / 2085	1710 / 2085	1710 / 2085	1860 / 2226	1860 / 2226
Weight (standard / 24H fuel tank)	kg	1500 / 1680	1765 / 2000	1855 / 2090	1910 / 2140	2110 / 2400	2210 / 2500

