



# **2024 Chicago Pneumatic Compressors Catalog**

People. Passion. Performance.



# CHICAGO PNEUMATIC

## People. Passion. Performance.

### Introduction

The Chicago Pneumatic Brand offers a complete line of Construction Equipment designed to efficiently handle a broad range of applications.

Each Chicago Pneumatic (CP) tool is easy to use, comfortable to hold and operates at top performance over an unusually long life. CP equipment is reliable and easy to maintain. The range features proven designs from well known manufacturers.

Chicago Pneumatic Power Technique distributors are construction equipment experts who can precisely match the performance characteristics of CP equipment to your specific job requirements.

For equipment, parts and accessory information, and for service contact a CP Power Technique distributor nearest you. Find them listed on the web at [www.cp.com](http://www.cp.com) or by calling a customer service representative toll-free at 800-760-4049.



# A History of Unequaled Quality



**Chicago Pneumatic Tool Company (CP)** has over 110 years as a pioneer and market leader in the pneumatic tool industry. When the company incorporated more than a century ago, pneumatic tools were a revolutionary new technology. J.W. Duntley, an ambitious foreman in a Milwaukee foundry, recognized the potential in these tools and set out to pursue his American dream.

With keen intellect and little money, he partnered with young steel tycoon Charles Schwab to manufacture and market air tools under the Chicago Pneumatic name. At that time, most manufacturers specialized in creat-

ing only one type of tool. Duntley realized that if Chicago Pneumatic could manufacture and sell a complete line of pneumatic tools, it could provide superior service. In a sense, he had the vision for one-stop shopping for the pneumatic tool industry long before it became the norm.

He did not, however, realize his company would have such an impact on the world. As the industry's most experienced manufacturer, Chicago Pneumatic has developed tools that were used to build and maintain some of the world's most recognizable landmarks. CP impact wrenches and rivet busters were used to construct iconic and engineering marvels such as the Empire State Building and the Golden Gate Bridge. The company's concrete vibrators were partially responsible for the construction of the Hoover Dam, one of America's "seven modern civil engineering wonders".



When the United States found itself embroiled in World War II, CP produced the tools necessary to fabricate, assemble and maintain the nation's military equipment. And in addition to helping the nation's defense, one Chicago Pneumatic tool became part of an icon that symbolizes American character and courage. In the painting "Rosie the Riveter", by legendary illustrator Norman Rockwell, the well-recognized factory worker eats her lunch with a CP riveting hammer lying on her lap.

Chicago Pneumatic continued to expand its global business as the century progressed, and even began making its mark on space travel. During the late 1960s and early 70s, in the Apollo program, the United States sent men into space and explored the moon. What is arguably the most technologically advanced organization in the world depended on Chicago Pneumatic tools for the safety of the astronauts. NASA used Chicago Pneumatic's air motors in the Apollo space capsules, employing them to rotate the capsules upon their return to Earth, ensuring that the exit hatches faced up and out of the sea, making exit safe for the astronauts.



J.W. Duntley signed the incorporation papers for Chicago Pneumatic Tool Company in New Jersey in December of 1901. More than one hundred years ago, he could not have known that the tools his company crafted would help to build at least four of the "Top Ten Construction Achievements" of the 20th century. Nevertheless, perhaps he did realize, all those years ago, that the brand he built and the commitment to quality he instilled would make CP tools the first choice of generations of people around the world.

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# Air Compressors

## CPS 110 KD8 T4F

### STANDARD CONFIGURATION:

- 110% Spill Free Containment, with remote drains.
- Kubota D902 Tier 4 Final 25hp mechanical diesel engine (muffler only) with starter protection.
- Thermostatic By Pass Valve, Anti-airlock system in fuel lines to guarantee starting.
- Electrical shutoff switch.
- 110V Block Heater
- Polyethylene canopy built for heavy-duty applications. Base frame with 3 layer anti-corrosion paint.
- Designed to reduce maintenance time with easy access filters and fluids. Pressure vessel comes with spin on filter.
- Two 3/4" ball valves.
- DOT towing package; Road lights (4 way flat plug), 3" pintle towing hitch, Torsion axle, VIN, Adjustable jack stand, No brakes.



Compressor		CPS 110 KD8 T4F**
		8162 0610 86
Free air delivery (FAD) @ effective working pressure	cfm	95
Normal effective working pressure	psig	100
Maximum unloaded pressure	psig	115
Minimum working pressure	psig	58
Air compressor outlets		2 x 3/4"
Max.sound pressure level (LPA) at 7m (23ft)	dB(A)	71
Max. ambient temperature at sea level	°F	122
Min. starting temperature (cold start aid)	°F	-14
Compressor oil	Gal	1.98
Capacity fuel tank	Gal (L)	7.52 (28.5)
Fuel consumption @ 100% load	Gal/hr (L/hr)	1.28
Fuel autonomy at full load standard*	hr	5.7
Maximum Altitude	ft	4,000
Engine		
Model		Kubota D902 T4F
Number of cylinders		3
Displacement	L	.898
Power output @ normal shaft speed	hp	25
Emissions level		N/A
Full load rpm	rpm	3,600
Unload rpm	rpm	2,000
Trailer undercarriage dimensions		
Length x width x height	Inches	79 x 48 x 51
Weight (wet)	lbs (kg)	1,100 (498)
Box/skid unit dimensions		
Length x width x height	Inches	61 x 41 x 38
Weight (wet)	lbs (kg)	970 (440)

\*\*Measured according to ISO 1217, 2009 annex D. Dependant on ambient conditions and temperature.

Consult Chicago Pneumatic for proper de-rating instructions for operation beyond ambient limitations. Design and specifications are subject to change without notice or obligation.

COMMON OPTIONS	Part Number	Description
Support Mounted	1638294900	Support Mounted
3/4" O.S.H.A. Valve	1310030059	1* 3/4" OSHA valve (ships loose inside unit)
Ball Couplings	1310032964	2-5/16" ball coupling
	1310072216	2" "bulldog" coupling

\*Consult with your local Sales Rep. for other options or features required.

## T110 KD8 CS AFF

### STANDARD CONFIGURATION:

- After Cooler (AFT) and Water Separator (WS) standard
- 110% Spill Free Containment, with remote drains.
- Kubota D902 Tier 4 Final 25hp mechanical diesel engine (muffler only) with starter protection.
- Thermostatic By Pass Valve, Anti-airlock system in fuel lines to guarantee starting.
- Electrical shutoff switch. Utility Metal canopy built for heavy-duty applications with 3 layer anti-corrosion paint.
- Designed to reduce maintenance time with easy access filters and fluids. Pressure vessel comes with spin on filter. Base frame with in built forklift slots.
- Cold Start (CS)
- Additional Fuel Filter (AFF)



Compressor		T 110 KD8 CS AFF
		8162 1045 43
Normal effective working	bar(psi)	7(100)
Free air delivery	l/s	51.9
	cfm	95
	m3/min	3.1
Max. ambient temperature at sea level	°F	122
Min. starting temperature	°F	14
Min. starting temperature (Cold Start Aid)	°F	-4
Engine		
Model		Kubota D902
Number of cylinder		3
Power output @ normal shaft speed	hp	25
Full load RPM	rpm	3600
Unload RPM	rpm	2000
Engine oil	gal	0.8
Compressor oil	gal	1.3
Fuel tank	gal	5.3
Optional extended fuel tank	gal	2.6
Dimensions		
Length	inch	62
Width	inch	29
Height	inch	33
Weight	lbs	1102





**Danger:** Compressed air should never be supplied as breathing air. Chicago Pneumatic assumes no responsibility or liability related to the purchaser's/user's breathing system. The information contained herein is general in nature and is not intended for specific construction, installation or application purposes.

## CPS 185 KDU T4F

### STANDARD CONFIGURATION:

- Kubota V2403 Naturally Aspirated, 49hp, Tier 4 Final diesel engine, w/DOC/DPF after treatment (No DEF), 120V Block heater.
- Thermostatic Bypass valve on compressor oil system.
- CP XC2003 controller; Operational monitoring, diagnostics and safety warning/shutdowns such as high engine temp and low fuel.
- Support mounted frame suitable for fix mounting on a truck deck.
- All service points plumbed to single side for ease.
- Heavy Duty Battery.



Compressor		CPS 185 KDU T4F**
Free air delivery (FAD) @ effective working pressure	cfm	185
Normal effective working pressure	psig	100
Maximum unloaded pressure	psig	125
Minimum working pressure	psig	58
Air compressor outlets		(1) x 1 1/4" NPT *
Max.sound pressure level (LPA) at 7m (23ft)	dB(A)	76
Max. ambient temperature at sea level	°F	125
Min. starting temperature (cold start aid)	°F	N/A
Compressor oil	Gal	2
Capacity fuel tank	Gal (L)	20 (75)
Fuel consumption @ 100% load	Gal/hr (L/hr)	2.3 (8.8)
Fuel autonomy at full load standard*	hr	8.6
Engine		Kubota V2403 NA
Model		
Number of cylinders		4
Displacement	L	2.41
Power output @ normal shaft speed	hp	49
Emissions level		Tier 4 Final
Full load rpm	rpm	2,700
Unload rpm	rpm	1,600
Box/skid unit dimensions		
Length x width x height	Inches	86 x 34 x 57
Weight (wet)	lbs (kg)	2,060 (934)

\*\*Measured according to ISO 1217, 2009 annex D. Dependant on ambient conditions and temperature.

\*Does have a single 1 x 1/4" outlet, but is shipped with a 2 x 3/4" Y valve.

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COMMON OPTIONS	Part Number	Description
Safety Cartridge (Air Compressor)	0010001012	Secondary air filter safety cartridge for air compressor.
3/4" O.S.H.A. Valve	1310030059	Comes with 2 x 3/4" OSHA valves (ships loose inside unit)
90° degree air outlet	0010001021	90° degree air outlet (ships loose inside unit)
Cold Weather	0010001036	Synthetic Compressor Oil

\*Consult with your local Sales Rep. for other options or features required.

# Air Compressors

## CPS 175 - 100

### STANDARD CONFIGURATION:

- Kubota Tier 4 Final diesel engine,
- Thermostatic Bypass valve on compressor oil system.
- Synthetic based Compressor Oil (1000hrs/2yr service interval).
- Minimum starting temperature of -4F
- CP XC1004 controller comes with disconnect switch standard;
- Operational monitoring, diagnostics and safety warning/shutdowns such as high engine temp and low fuel.
- Heavy Duty Battery.
- Spillage Free Frame.
- RedRock™ hood and 3-layer painting of metal parts
- DOT towing package; Road lights (4 way flat plug), Adjustable height
- 3" pintle towing eye, 13" wheels and torsion axle, VIN, adjustable jack
- stand, No brakes
- - Heavy Duty torsion axle rated at 1,875 lbs



Compressor		CPS 175 - 100
Part Number		88162010131
Free air delivery (FAD) @ effective working pressure	cfm	170
Normal effective working pressure	psig	100
Maximum unloaded pressure	psig	125
Minimum working pressure	psig	72
Air compressor outlets		2 x ¾"
Max.sound pressure level (LPA) at 7m (23ft)	dB(A)	76
Max. ambient temperature at sea level	°F	122
Min. starting temperature (cold start aid)	°F	-13
Compressor oil	Gal	2.5
Capacity fuel tank	Gal (L)	27 (102)
Fuel consumption @ 100% load	Gal/hr (L/hr)	2.37 (8.97)
Fuel autonomy at full load standard*	hr	11.4
Engine		Kubota Tier 4 Final
Model		Kubota Tier 4 Final
Number of cylinders		3
Displacement	L	1.82
Power output @ normal shaft speed	hp	49
Emissions level		Tier 4 Final
Full load rpm	rpm	2,500
Unload rpm	rpm	1,800
Trailer undercarriage dimensions		
Length x width x height	Inches	131.85 x 62.13 x 65.34
Weight (wet)	lbs (kg)	2,110 (952)
Box/skid unit dimensions		
Length x width x height	Inches	84.91 x 52.44 x 61.91
Weight (wet)	lbs (kg)	2,046 (928)

\*Measured according to ISO 1217, 2009 annex D. Dependant on ambient conditions and temperature.

\*\* Cold weather package includes: GENOIL S, Engine block heater, CCV heater (recommended for use in below freezing temperatures).

Consult Chicago Pneumatic for proper de-rating instructions for operation beyond ambient limitations. Design and specifications are subject to change without notice or obligation.

# Air Compressors

## CPS 185 KOD T4F

### STANDARD CONFIGURATION:

- 110% Containment
- Less than 1 hour service time with no special tools required
- 1000 hrs/1 years service interval on compressor circuit
- 500 hrs service interval on engine oil for long service Lowest Repair Cost
- Redrock canopy to protect your investment
- CP C90 latest generation screw element
- Kohler Powered
- Reliable water cooled engine with standard 3 year warranty
- Engine now exhausted vertically for ergonomics
- Unmatchable Compactness and Best mobility
- Integrated toolbox fits a 90lb hammer only with the 15" tire variant
- External lifting structure
- Easy to Use XC1004 controller. IP65: Fully dust and waterproof. Tested for resistance to vibrations/shocks
- External lifting eye makes it easy to get on and off site quickly.
- No berms required as fluids contained onboard
- Water or spills easily drained through centralized port.



Compressor		CPS 185-100 KOD CW	CPS 185 - 100
Part Number		8972 4260 04	8972 4220 01
Wheel and tire	inches	15	15
Free air delivery (FAD) @ effective working pressure	cfm	180	
Normal effective working pressure	psig	100	
Maximum unloaded pressure	psig	125	
Minimum working pressure	psig	72	
Air compressor outlets		2 x ¾"	
Max.sound pressure level (LPA) at 7m (23ft)	dB(A)	76	
Max. ambient temperature at sea level	°F	122	
Min. starting temperature (cold start aid)	°F	-13	
Compressor oil	Gal	2.5	
Capacity fuel tank	Gal (L)	27 (102)	
Fuel consumption @ 100% load	Gal/hr (L/hr)	2.37 (8.97)	
Fuel autonomy at full load standard*	hr	11.4	
Engine			
Model		Kohler KDI 1903 TCR	
Number of cylinders		3	
Displacement	L	1.82	
Power output @ normal shaft speed	hp	49	
Emissions level		Tier 4 Final	
Full load rpm	rpm	2,500	
Unload rpm	rpm	1,800	
Trailer undercarriage dimmensions			
Length x width x height	Inches	131.85 x 62.13 x 65.34	
Weight (wet)	lbs (kg)	2,110 (952)	
Box/skid unit dimmensions			
Length x width x height	Inches	84.91 x 52.44 x 61.91	
Weight (wet)	lbs (kg)	2,046 (928)	

\*Measured according to ISO 1217, 2009 annex D. Dependant on ambient conditions and temperature.

\*\* Cold weather package includes: GENOIL S, Engine block heater, CCV heater (recommended for use in below freezing temperatures).

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## COMMON OPTIONS

	Part Number	Description
Extended drawbar	0010001043	<i>Allows extra space on the drawbar for customization and added features. Comes with adjustable jockey wheel.</i>
Ball Coupling (ships loose inside machine)	1310032964	2 5/16" ball coupling (ships loose inside unit) 2" "Bulldog" coupling (ships loose inside unit)
External Hose Reel(s) Note: Hose reel options include the extended drawbar, air hoses are not included in this option.	0010001042 0010001041 0010001040	50' Single live hose reel (no air hose) w/ extended drawbar. 100' Single live hose reel (no air hose) w/ extended drawbar. 50' Double live hose reel (no air hose) w/ extended drawbar. 100' Double live hose reel (no air hose) w/ extended drawbar.
3/4" O.S.H.A. Valve	1310030059	Comes with 2 x 3/4" OSHA valves (ships loose inside unit)
Safety Cartridge (Air Compressor)	0010001177 1310265705	Secondary air filter safety cartridge for air compressor.
Support Mount	0010001135	Support mount

\*Consult with your local Sales Rep. for other options or features required.

# Air Compressors

## CPS 250 KD8 T4F

### STANDARD CONFIGURATION:

- 110% Spill Free Containment, with remote drains.
- Kubota V2403T Tier 4 Final 65hp diesel engine w/DOC/DPF after treatment (No DEF)
- CP XC2003 controller; Operational monitoring, diagnostics and safety warning/shutdowns such as high engine temp and low fuel.
- Adjustable pressure and flow settings.
- Thermostatic Bypass valve on compressor oil system.
- Polyethylene canopy built for heavy-duty applications. Base frame with 3 layer anti-corrosion paint.
- Designed to reduce maintenance time with easy access filters and fluids (Under 1 hour).
- Pressure vessel comes with spin on filter.
- DOT towing package; Road lights (4 way flat plug), Adjustable 3" pintle towing hitch, Torsion axle, VIN, Adjustable jack stand, No brakes. 110 volt block heater standard.



Compressor		CPS 250 KD8 T4F*	CPS 250 KD8 T4F* + Aftercooler & Water Separator
Part number		8162 0100 23	8162 0100 70
Free air delivery (FAD) @ effective working pressure*	cfm	185 - 240	
Normal effective working pressure	psig	189 - 150	
Maximum unloaded pressure	psig	155	
Minimum working pressure	psig	58	
Air compressor outlets		1 x 1 ½" & 3 x ¾"	
Max.sound pressure level (LPA) at 7m (23ft)	dB(A)	76	
Max. ambient temperature at sea level	°F	113 (45C)	
Min. starting temperature (cold start aid)	°F	-4F (-20C)	
Compressor oil	Gal (L)	2.9 (11)	
Capacity fuel tank	Gal (L)	23 (87)	
Fuel consumption @ 100% load	Gal/hr (L/hr)	3.4 (13)	
Fuel autonomy at full load standard	hr	6.7	
Capacity of diesel exhaust fluid	Gal (L)	N/A	
Max Altitude	ft	16,000	
Engine			
Model		Kubota V2403	
Number of cylinders		4	
Displacement	L	2.4	
Power output @ normal shaft speed	hp	65	
Emissions level		Tier 4 Final	
Full load rpm	rpm	2,700	
Unload rpm	rpm	1,800	
Box/skid unit dimensions			
Length x width x height	Inches	85 x 50 x 47	
Weight (wet)	lbs (kg)	2,425 (1,100)	
Trailer undercarriage dimensions			
Length x width x height	Inches	150 x 63 x 62	
Weight (wet)	lbs (kg)	2,866 (1,300)	

\*Measured according to ISO 1217, 2009 annex D. Dependant on ambient conditions and temperature.

Consult Chicago Pneumatic for proper de-rating instructions for operation beyond ambient limitations. Design and specifications are subject to change without notice or obligation.

COMMON OPTIONS	Part Number	Description
Support Mounted	16 383904 01	Unit comes mounted on skid (no wheels or drawbar)
Ball Couplings	1310032964	2-5/16" ball coupling

\*Consult with your local Sales Rep. for other options or features required.



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## CPS 400 RANGE

### STANDARD CONFIGURATION:

- The Chicago Pneumatic CPS 400 is a single-stage oil-injected rotary screw type air compressor, powered by a liquid-cooled, four-cylinder diesel engine.
- The unit consists of an air end, diesel engine, cooling circuit, air/oil separation and control systems - all enclosed within a Redrock™ polyethylene shell.
- Unique features – 110% fluid containment, external lifting eye, new easy to use controller XC1004.
- New improved design separator vessel that allows the change of the oil separator filter in less than 5 minutes, condensate flashing for the aftercooler option, removable baffle for easy access, FleetLink, and extras for CPS 400 - 200 MP: Eco Mode, electronically controlled pressure up to 200 PSI with 2 psi increments



Compressor		CPS 400-150		CPS 400-200 MP	
Part number		8972 4228 51 T4F	8972 4228 52 PFF	8972 4228 53 MP	8972 4228 54 PFF
Free air delivery (FAD) @ effective working pressure*	cfm	400 - 375		400 - 350	
Normal effective working pressure	psig	100 - 150		100 - 200	
Minimum working pressure	psig	72		72	
Air compressor outlets		2 x ¾" & 1 x 1 ½"		2 x ¾" & 1 x 1 ½"	
Max.sound pressure level (LPA) at 7m (23ft)	dB(A)	TBD		TBD	
Max. ambient temperature at sea level	°F	122 (50C)		125(50C)	
Min. starting temperature (cold start aid)	°F	14 (-10) / -13 (-25)		14 (-10) / -13 (-25)	
Compressor oil	Gal (L)	6.7 (25.4)		6.3 (25.4)	
Capacity fuel tank	Gal (L)	52 (197)		52 (197)	
Fuel consumption @ 100% load	Gal/hr (L/hr)	6.47 (24.5)		6.47 (24.5)	
Fuel autonomy at full load standard*	hr	8		8	
Capacity of diesel exhaust fluid	Gal (L)	5.4 (20.4)		5.4 (20.4)	
Engine					
Model	Kohler	KDI 3404 TCR			
Number of cylinders		4			
Displacement	cu in (L)	205 (3.36)			
Power output @ normal shaft speed	hp	134			
Emissions level		Tier 4 Final			
Full load rpm	rpm	2200 @ 100 PSI	2066 @ 150 PSI	1926 @ 200 PSI	
Unload rpm	rpm	1500			
Box/skid unit dimmensions					
Length x width x height	Inches	121 x 59 x 72			
Weight (wet)	lbs (kg)	4520 (2,050)			
Trailer undercarriage dimmensions					
Length x width x height	Inches	167 x 73 x 81			
Weight (wet)	lbs (kg)	4,100 (1,859)			

\*Measured according to ISO 1217, 2009 annex D. Dependant on ambient conditions and temperature.

\*\*Aftercooler, water separator, filters

Consult Chicago Pneumatic for proper de-rating instructions for operation beyond ambient limitations. Design and specifications are subject to change without notice or obligation.

COMMON OPTIONS	Part Number	Description
Skid Under Carriage	0010001117	Unit comes mounted on skid (no wheels or drawbar)
Ball Coupling (ships loose inside machine)	1310032964	2 5/16" ball coupling (ships loose inside unit)
	1310072216	2" "Bulldog" coupling (ships loose inside unit)

\*Consult with your local Sales Rep. for other options or features required: Extra options available lie: external toolbox, hose reels, fork lift pockets, External fuel tank connection, solar battery charger, Fleet Link

# Air Compressors

## CPS 900 JD8 T4F CW

### STANDARD CONFIGURATION:

- 110% Spill Free Containment, with remote drains
- Cold Climate Package; Synthetic compressor oil (ParOil S), Thermostatic bypass valve, Engine preheater (glow plugs), 120V 1000W engine block heater, heavy-duty battery.
- John Deere 6068 250hp Tier 4 Final engine
- Variable pressure and flow capabilities are standard (See operating chart in sales leaflet)
- CP XC2003 controller; Operational monitoring, diagnostics and safety warning/shutdowns such as high engine temp and low fuel
- DOT towing package; Road lights (7 flat pin RV plug), Adjustable 3" pintle towing hitch, 17.5" wheels and torsion axle, VIN, Adjustable jockey wheel, electric brakes.



Compressor		CPS 900 JD8 T4F* CW		CPS 650 JD T4F* CW
		8972 4227 24 CW	8972 4262 26 PFF**	8972 4227 31
Free air delivery (FAD) @ effective working pressure*	cfm	867 - 750		650 - 575
Normal effective working pressure	psig	100 - 150		200 - 250
Maximum unloaded pressure	psig	175		275
Minimum working pressure	psig	58		58
Air compressor outlets		1 x 1 ½" & 2 x ¾"		1 x 1 ½" & 2 x ¾"
Max.sound pressure level (LPA) at 7m (23ft)	dB(A)	76		76
Max. ambient temperature at sea level	°F	125 (50C)		125 (50C)
Min. starting temperature (cold start aid)	°F	-13F (-25C)		-13F (-25C)
Compressor oil	Gal (L)	12.4 (47)		12.4 (47)
Capacity fuel tank	Gal (L)	88 (333)		88 (333)
Fuel consumption @ 100% load	Gal/hr (L/hr)	10.7 (40.5)		10.7 (40.5)
Fuel autonomy at full load standard*	hr	8.2		8.2
Capacity of diesel exhaust fluid	Gal (L)	11.2 (42.5)		11.2 (42.5)
Engine				
Model		John Deere 6068HFC08		
Number of cylinders		6		
Displacement	L	6.8		
Power output @ normal shaft speed	hp	250		
Emissions level		Tier 4 Final		
Full load rpm	rpm	2,100		
Unload rpm	rpm	1,300		
Box/skid unit dimmensions				
Length x width x height	Inches	145 x 67 x 78		
Weight (wet)	lbs (kg)	7,695 (3490)		
Trailer undercarriage dimmensions				
Length x width x height	Inches	203 x 80 x 86		
Weight (wet)	lbs (kg)	7,980 (3620)		

\*Measured according to ISO 1217, 2009 annex D. Dependant on ambient conditions and temperature.

\*\*Aftercooler, water separator, filters

Consult Chicago Pneumatic for proper de-rating instructions for operation beyond ambient limitations. Design and specifications are subject to change without notice or obligation.

COMMON OPTIONS		Part Number	Description
Skid Under Carriage		0010001102	Unit comes mounted on skid (no wheels or drawbar)
External Fuel Tank		0010001052	Connect to an external fuel tank to increase the autonomy
Inlet Shutdown Valve		0010001034	Automatic spring type inlet shutdown valve (Chalwyn Bendix)

\*Consult with your local Sales Rep. for other options or features required.

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## CPS 1600

### STANDARD CONFIGURATION:

- Cold Climate Package; Synthetic compressor oil, Thermostatic bypass valve, Engine preheater (glow plugs), diesel powered engine block heater, heavy-duty battery.
- Scania DC13 493 HP Tier 4 Final engine
- Variable pressure and flow capabilities are standard
- CP XC4004 controller; Operational monitoring, diagnostics and safety warning/shutdowns such as high engine temp and low fuel
- DOT towing package; Road lights (7 flat pin RV plug), Adjustable 3" pintle towing hitch, 17.5" wheels and torsion axle, VIN, electric brakes.
- Portable full feature standard, Chicago Pneumatics' PFF system ensures cool, clean, and dry air. The PFF system has a by-pass that protects your cooler during cold weather. And can be locked off for rentals not requiring aftercooled and filtered air.
- Patented quick service separator vessel design, Time to change the oil separator filter reduced from 4 h to less than 15 min.
- Forklift pockets & central lifting point, Easy to maneuver on site.
- External fuel tank connection, Allows longer autonomy with use of an external fuel tank. Comes with external quick connects and does not require an external fuel pump.



Compressor		CPS 1600 - 150		
Normal effective working pressure (pre-set 100 psig and 150 psig)	psi	72	100	150
Actual free air delivery <sup>1</sup> (FAD) at pre-set pressure setting	cfm	1,650	1,600	1,500
Minimum working pressure	psi		72	
Max. sound pressure level @ 23' (7m) at normal working speed & pressure <sup>2</sup>	dB(A)		76	
Compression Stages			1	
Compressor oil capacity	Gal (L)		30 (113.6)	
Air Compressor outlets			1 x 2"NPT	
Max. ambient temperature (at sea level) <sup>3</sup>	°F (°C)		120 (49)	
Maximum altitude	ft (m)		10,000 (3048)	
Minimum starting temperature (with cold weather options) <sup>4</sup>	°F (°C)		-14 (-25)	
Engine				
Model			Scania DC13	
Emissions Regulation	US EPA Tier		T4F	
Output @ rated speed (2100 rpm)	hp		493	
Number of cylinders			6	
Aspiration			Turbocharged	
Displacement	(L)		13	
Engine speed (Unloaded)	rpm		1,300	
Engine speed (Maximum loaded)	rpm	2,100	2,100	1,900
Engine oil capacity	Gal (L)		11.9 (45)	
Engine oil required			Low Ash Oil per API CJ-4, ACEA C9	
Engine coolant capacity	Gal (L)		19.2 (73)	
Fuel tank capacity	Gal (L)		174 (660)	
DEF tank capacity	Gal (L)		18.5 (70)	
Battery Capacity (Cold Cranking Amps <sup>4</sup> )	A		24V, 2 each 1400	

<sup>1</sup> According to ISO 1217 ed.3 1996 annex D

<sup>2</sup> Measured in accordance with ISO 2151 under free field conditions @ 7m distance

<sup>3</sup> Consult Chicago Pneumatic for proper de-rating instructions for operation beyond ambient limitations

<sup>4</sup> According to DIN 72311



# Electric Air Compressors

## CPS 400-500-900 ELECTRIC RANGE

### STANDARD CONFIGURATION:

- Softstart
- Camlock / powerlock
- UL listed
- Cold Weather
- Quality air equipment aftercooler + bypass
- Heavy duty steel base
- 110% fluid containment
- Simple, easy to use analog control panel



Compressor		CPS 400E-150	CPS 500E-150	CPS 900E-150
Part No.		8967 003 428	8967 0034 29	8967 0034 30
Frequency	Hz	60	60	60
Normal effective working pressure	psi	150	150	150
Free air delivery**	cfm	420	500	900
Max. ambient temperature	°F	122	122	113
Min. ambient temperature (cold start)	°F		76	76
Sound pressure level (LpA) at 7m (23ft)***	dB(A)	68	67	73
Main Motor				
Power	kW	75	90	160
Voltage	V	460	460	460
Class		IE3		
Capacity				
Compressor Oil	l	40		65
Dimensions & Weight (Skid Version)				
Length	in	112		133
Width	in	43		47
Height	in	65		65
Weight	lbs	3582	3968	6532

\*Only available on CPS 400E-150, CPS 500E-150 and CPS 900E-150. Single side service is only available on CPS 900E-150.

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

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

# Refurbishments and Service

Our custom refurbishment programs include Tier 4, oil-free, voltage, engine and capacity conversions, including all engineering to new specifications.

**REPAIR AND REFURBISHMENT-ALL MAJOR BRANDS.** With our superior expertise and technical experience, we can repair and refurbish any major brand.

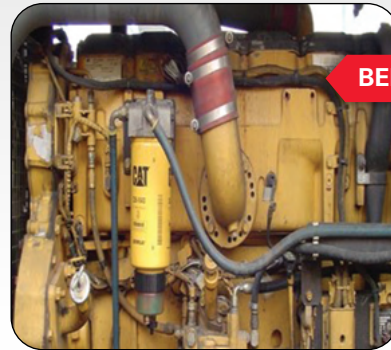
**GENUINE OEM PARTS AND ACCESSORIES.** For maximum performance and to reduce costly failures, we are able to supply genuine OEM parts for all major brands.

**FAST FIELD SERVICE.** To reduce downtime our field specialists will quickly come to your site to inspect and repair your equipment.

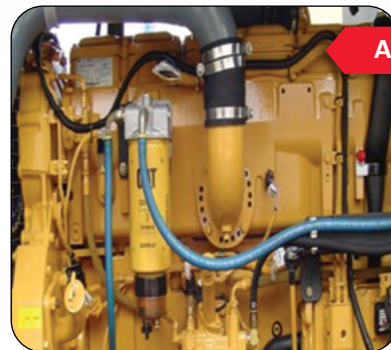
**QUALITY REPAIR AND REFURBISHMENTS.** We make your equipment like new with superior workmanship and strict quality control, with competitive pricing to save you money.

**SERVICE PLANS.** Our optional service contracts extend your warranty and protect against unexpected failure. Help ensure top performance with 100% uptime with customized maintenance programs that meet your needs.

**TIME FOR NEW EQUIPMENT.** Please contact your local authorized dealers who carry the latest Chicago Pneumatic equipment backed by our technical service expertise.



BEFORE



AFTER

From top to bottom, all of our refurbishments are done with quality and precision.

Complete refurbishments for any manufacturer now available to restore your equipment's operation, reliability and appearance.

Our paint and body specialists will make your equipment look like new.

# Genuine Parts

Original Parts fit the best. Only they will guarantee the original performance of your machine. To ensure maximum working efficiency and a long lifetime every part must conform to specific technical standards. With the use of Original Parts you are certain about the quality, lifetime, utilized material and the impact on other components. All these aspects are important to make the right choice for spare parts. Therefore your best choice is an Original Part. **Built to perform and designed to protect.**



## CP ENGINE OILS

To maintain the quality of your compressor, use the engine oil that is designed specifically for your compressor engine - GenOil. This genuine oil is a combination of supreme quality oil blended with special additives. The benefits of using GenOil are better corrosion protection and higher oxidation stability which results in longer oil service intervals and optimal engine performance.

## CP COOLANT

GenCool is a superior, high-quality coolant based on a new range of organic coolants. It reduces the operating temperature of the engine and has anti-freeze protection up to -40°C. The long-term corrosion protection allows for extended service intervals. GenCool will provide your engine with year-round protection.

## CP COMPRESSOR OILS

GenOil is the only approved and tested oil that meets the quality specifications for your compressor. Our compressor oil has been thoroughly tested to give the optimum level of protection, lengthening the components' life time and keeping your cost of ownership to an absolute minimum. GenOil keeps the heart of your machine operating at peak performance.



Filters



Air Filters



Lubricants



Coolants

## SERVICE KITS

There is no better way to protect your investment than to use genuine parts. CP service packs include all required parts for scheduled maintenance, saving you time and money. With the convenient use of our service kits you will extend the life of your compressor, lower your maintenance costs and increase your profitability.



## General Warranty

### Conditions & Limitations On Liability

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1.1 Power Technique North America LLC warrants the above mentioned new equipment against failure due to faulty material or workmanship for a period of twelve (12) months from the date of purchase of said machine, excluding expendable wear parts. To facilitate warranty claims processing, please return the completed warranty card within thirty (30) days of purchase.

1.2 Should any failure under this warranty occur during the specified period under normal and proper use, and provided the equipment has been properly serviced, maintained and stored with due regard to any directions, instructions and operating procedures published by Power Technique North America LLC. Power Technique North America LLC shall, if given prompt notice by purchaser, through its authorized servicing facility, correct such non-conformity at its option either by repair or adjustment, F.O.B. nearest service facility, or refund the purchase price of the non-conforming equipment or part. The return of the equipment or part to Power Technique North America LLC pursuant to this paragraph, shall be at the purchaser's risk and expense. Power Technique North America LLC will return unit to the purchaser at Power Technique North America LLC's expense. To be eligible for credit or replacement, warranty parts must be returned to Power Technique North America LLC within 30 days of the original claim.

1.3 Power Technique North America LLC warrants parts repaired or replaced pursuant to 1.2 above under normal and proper use, storage, service and maintenance against defects in workmanship and material for a period of thirty (30) days from date of repair or adjustment or the expiration of the equipment warranty, whichever is longer.

1.4 The foregoing warranties do not apply to defects in equipment or parts caused by materials provided by the purchaser or by redesigns made by the purchaser or by repairs or alterations not authorized by Power Technique North America LLC

1.5 THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY, WRITTEN, ORAL OR IMPLIED, AND ALL OTHER WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE ARE HEREBY DISCLAIMED.

1.6 Correction of non-conformities as provided for above shall be purchasers' exclusive remedy and shall constitute fulfillment of all liabilities of Power Technique North America LLC whether in warranty, contract, negligence, tort or otherwise. Power Technique North America LLC shall not be liable for any damages which a purchaser may claim arising from loss of profits or revenue, loss of use of the equipment or parts, cost of capital, cost of substitute equipment or parts, downtime costs, or claims of customers for such other damages.

1.7 Power Technique North America LLC reserves the right to amend this warranty policy at any time with thirty (30) days written notification but said changes will not affect previously sold equipment, parts or tools.



## Over 110 Plus Years of Experience

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for an extensive range of applications. Today, Chicago Pneumatic has a global reach, with local customer centers around the world. Chicago Pneumatic tools and air compressors are tailored to the needs of the industrial, vehicle service, and construction markets. Every day we develop and manufacture new products that are meant to meet your demands not only today, but tomorrow as well.

For more information contact your CP Partner:

Use only authorised parts. Any damage or malfunction caused by the use of unauthorised parts is not covered by Warranty or Product Liability.

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