



Portable Diesel Compressors

Built for reliable
performance



People. Passion. Performance.

 Chicago
Pneumatic



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1636 9778 00

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WE
EWS



2.0



CPS 110-100 | Simple. Reliable. Easy to Service.

The Chicago Pneumatic CPS 110-100 is single-stage, oil injected, rotary screw type air compressors, powered by a liquid cooled, three-cylinder Kubota diesel engine.

Benefits at a Glance

 **Spill-Free Frame**
110% spillage free containment frames avoid costly clean-up

 **Save on Repairs**
No SCR or DPF means reduced repair costs

 **Compact & Mobile**
Saves space on job site and during transport, weighing under 1,200 lbs.

Technical Data

Compressor

Normal effective working pressure	psi	100
Minimum working pressure	psi	72
Actual free air delivery	cfm	95
Compressor oil capacity	gal	1.98
Maximum ambient temperature (at sea level)	°F	109
Min. starting temperature, cold weather standard	°F	-4

Kubota D902 Tier 4 Final Engine

Engine speed (unloaded)	rpm	2200
Engine speed (maximum loaded)	rpm	3600
Engine oil capacity	gal	1
Engine coolant capacity	gal	1.19
Fuel tank capacity	gal	7.5
Battery capacity (cold cranking amps)	A	600

CPS 110-100 Features



CPS 175-100 | Simple. Reliable. Easy to Service.

The Chicago Pneumatic CPS 175 – 100 is single-stage, oil-injected, rotary screw type air compressors, powered by a liquid- cooled, four-cylinder turbocharged Kubota diesel engine.

Benefits at a Glance



Spill-Free Frame

110% spillage free containment frames avoid costly clean-up



Engineered Efficiency

Equipped with the Kubota T4F engine, it easily powers two 90 pound breakers



Compact & Mobile

Saves valuable space on your job site and during transportation



Save on Fuel

Saves up to 12% of fuel on typical applications in this range

Technical Data

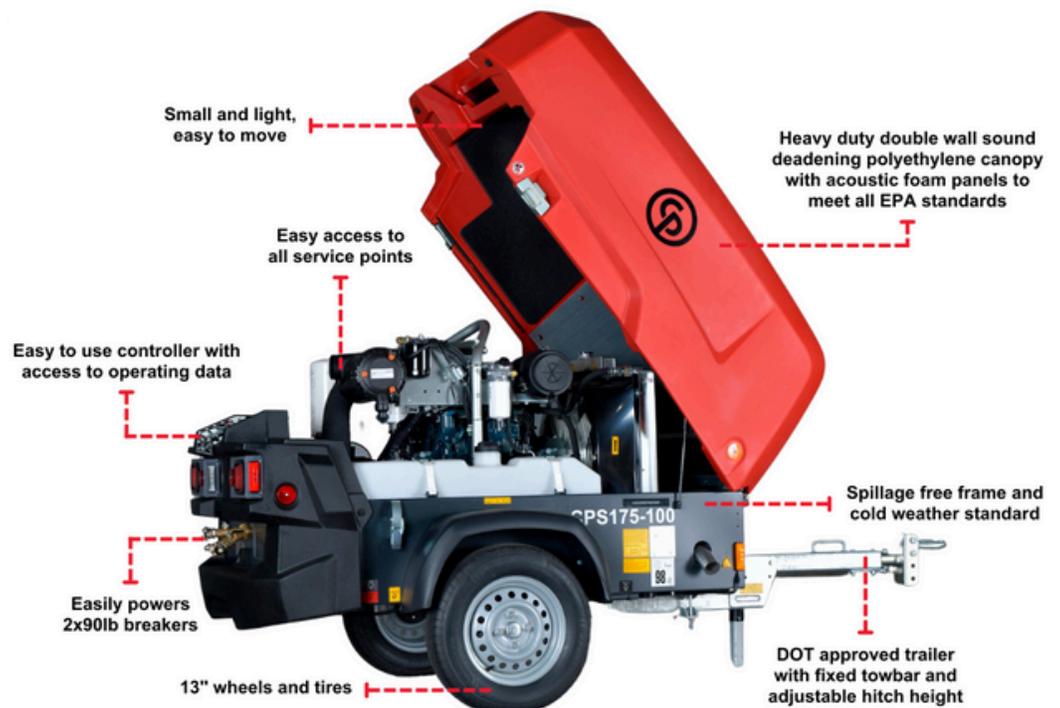
Compressor

Normal effective working pressure	psi	100
Minimum working pressure	psi	72
Actual free air delivery	cfm	170
Compressor oil capacity	gal	2.1
Maximum ambient temperature (at sea level)	°F	122
Min. starting temperature, cold weather standard	°F	-4

Kubota V1505-CR-T-E5B Tier 4 Final Engine

Engine speed (unloaded)	rpm	1800
Engine speed (maximum loaded)	rpm	3000
Engine oil capacity	gal	1.45
Engine coolant capacity	gal	2.1
Fuel tank capacity	gal	15.8
Battery capacity (cold cranking amps)	A	975

CPS 175-100 Features



Red Rock Range

Portable, powerful and tough



Stage V compliant

Xc2003 controller with dual pressure functionality

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

Lifting beam



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.



		CPS 2.0-7	CPS 2.5-7	CPS 3.0-7	CPS 3.5-10	CPS 3.5-12
Normal effective working pressure	bar	7	7	7	10.3	7 12
	psi	100	100	100	150	100 150
Free air delivery	cfm	70	90	106	125	125 115
	m³/min	2.0	2.5	3.0	3.5	3.5 3.25
	l/s	33	42	50	58.9	58.6 54.4
Output power	kVA	-	-	-	-	-
Sound pressure level (LpA) at 7m	dB(A)	69	70	67	70	70
Sound power level (LwA)	dB(A)	97	98	95	98	98
Max. Ambient temperature at sea level	°C	50	47	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 D 722	Kubota D 902	Kubota D 1105	Kubota V 1505-CR-T	Kubota V 1505-CR-T
Emission stage		Stage V	Stage V	Stage V	Stage V	Stage V
Number of cylinders		3	3	3	4	4
Power output @ normal shaft speed	kW	14.9	18.5	18.5	33	33
Full load RPM	rpm	3400	3400	3000	3000	3000
Unload RPM	rpm	2000	2000	1500	1800	1800

Capacity

Engine oil	l	3.8	3.8	4.5	8.5	8.5
Compressor oil	l	6	6	8	8	8
Fuel tank	l	28.5	28.5	45	45	45

Box unit dimensions

Length	mm	1570	1570	1940	1940	1940
Width	mm	1060	1060	1180	1180	1180
Height	mm	990	990	1150	1150	1150
Weight	kg	440	440	650	650	650

Undercarriage dimensions

Type	Trailer mounted with adjustable towbar (without brakes)					
Length	mm	1960	1960	2290	2290	2290
Width	mm	1230	1230	1350	1350	1350
Height	mm	1250	1250	1400	1400	1400
Weight	kg	600	600	749	749	749

		With Generator					
		CPS 5.0-7	CPS 5.0-10	CPS 2.5-7 G	CPS 3.0-7 G	CPS 3.5-7 G	CPS 5.0-7 G
Normal effective working pressure	bar	7	7 10.3	7	7	7	7
	psi	100	100 150	100	100	100	100
Free air delivery	cfm	174	174 120	90	106	125	174
	m³/min	5.0	5.0 3.5	2.5	3.0	3.5	5.0
	l/s	82	82 56.3	42	50	58	82
Output power	kVA	-	-	12	6 6.5	6 12	6.5 9
Sound pressure level (LpA) at 7m	dB(A)	70	70	70	67	70	70
Sound power level (LwA)	dB(A)	98	98	98	95	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 V 1505-CR-T	Kubota V 1505-CR-T	Kubota V 1505-CR-T	Kubota D 1105	Kubota V 1505-CR-T	Kubota V 1505-CR-T
Emission stage		Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Number of cylinders		4	4	4	3	4	4
Power output @ normal shaft speed	kW	33	33	33	18.5	33	33
Full load RPM	rpm	3000	3000	3000	3000	3000	3000
Unload RPM	rpm	1800	1800	1800	1500	1800	1800

Capacity

Engine oil	l	8.5	8.5	8.5	4.5	8.5	8.5
Compressor oil	l	8	8	8	8	8	8
Fuel tank	l	60	60	60	60	60	60

Box unit dimensions

Length	mm	1940	1940	1940	1940	1940	1940
Width	mm	1180	1180	1180	1180	1180	1180
Height	mm	1150	1150	1150	1150	1150	1150
Weight	kg	650	650	650	650	650	650

Undercarriage dimensions

Type	Trailer mounted with adjustable towbar (without brakes)			Trailer mounted with adjustable towbar (without brakes)		
Length	mm	2290	2290	2290	2290	2290
Width	mm	1350	1350	1350	1350	1350
Height	mm	1400	1400	1400	1400	1400
Weight	kg	749	749	850	749	850

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 11.0-10 and CPS 11.0-14 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

RED ROCK

		CPS 7.0-10	CPS 11.0-10	CPS 11.0-14
Normal effective working pressure (fixed presets)	bar (g)	7 10	7 10	7 14
	psi (g)	100 150	100 150	100 205
Free air delivery	cfm	250 189	405 345	385 360
	m ³ /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

CPS 185-100 | Simple. Reliable. Easy to Service.

The Chicago Pneumatic CPS 185 – 100 is a single-stage oil-injected rotary screw type air compressor, powered by a liquid-cooled, three-cylinder turbocharged Kohler diesel engine.

Benefits at a Glance



Spill-Free

110% spillage free containment frames avoid costly clean-up



Save on Fuel

Saves up to 7% of fuel on typical applications in this range



Spin-On Separator

Takes less than one hour to service with no special tools required

Technical Data

Compressor

Normal effective working pressure	psi	100
Minimum working pressure	psi	72
Actual free air delivery	cfm	180
Compressor oil capacity	gal	2.5
Maximum ambient temperature (at sea level)	°F	122
Min. starting temperature, cold weather optional	°F	-13
Min starting temperature standard	°F	14

Kohler KDI 1903 TCR Tier 4 Final Engine

Engine speed (unloaded)	rpm	1800
Engine speed (maximum loaded)	rpm	2500
Engine oil capacity	gal	2.35
Engine coolant capacity	gal	2.6
Fuel tank capacity	gal	22.3
Battery capacity (cold cranking amps)	A	725

CPS 185-100 Features

Heavy duty double wall sound deadening polyethylene canopy

Easy to move with external lifting eye

Spin on separator

Easy to use controller with access to operating data

Tool Box

DOT approved trailer with fixed towbar and adjustable hitch height

15" wheels and tires



CPS 250-150 MP | Simple. Reliable. Easy to Service.

The Chicago Pneumatic CPS 250-150 MP is a single-stage, oil-injected, rotary screw type air compressor, powered by a liquid-cooled, four-cylinder turbocharged Kubota diesel engine.

Benefits at a Glance

Versatile



The Xc2003 controller with the Multiple Pressure regulated system allows for the pressure to be adjusted from 72 psi to 150 psi (with 2 psi increments), boosting utilization and ROI

Spill-Free



110% spillage free containment frames avoid costly clean-up

Compact & Sound Attenuated



Unit is enclosed in a sound attenuated steel frame and a polyethylene canopy, plus it is compact & easily maneuverable

Technical Data

Compressor

Normal effective working pressure	psi	100	125	150
Minimum working pressure	psi	72		
Actual free air delivery	cfm	238	214	189
Compressor oil capacity	gal	1.32		
Maximum ambient temperature (at sea level)	°F	122		
Min. starting temperature, cold weather standard	°F	-4		

Kubota V2403-CR-T-E4B Tier 4 Final Engine

Engine speed (unloaded)	rpm	1800
Engine speed (maximum loaded)	rpm	2700
Engine oil capacity	gal	2.3
Engine coolant capacity	gal	3
Fuel tank capacity	gal	23
Battery capacity (cold cranking amps)	A	TBD

CPS 250-150 MP Features



CPS 900-150 JD | Simple. Reliable. Easy to Service.

The Chicago Pneumatic CPS 900-150 JD is a single-stage, oil-injected, rotary screw type air compressor, powered by a liquid-cooled, six-cylinder turbocharged John Deere diesel engine.

Benefits at a Glance



Versatile

Xc2003 controller enhances versatility across various applications, maximizing utilization rates and ROI



Industry Leading Fuel Consumption

Seamlessly trims engine power under varying load conditions to reduce fuel consumption up to 15%



Compact & Mobile

Saving valuable space on your job site, and during transportation

Technical Data

Compressor

Normal effective working pressure	psi	150	100
Minimum working pressure	psi	58	
Actual free air delivery	cfm	750	867
Compressor oil capacity	gal	12.5	
Maximum ambient temperature (at sea level)	°F	120	
Min. starting temperature, cold weather standard	°F	-13	

John Deere 6068HFC08 Tier 4 Final Engine

Displacement

Engine speed (unloaded)	rpm	1300	
Engine speed (maximum loaded)	rpm	1850	2100
Engine oil capacity	gal	8.5	
Engine coolant capacity	gal	11	
Fuel tank capacity	gal	88	
DEF tank capacity	gal	11	
Battery capacity (cold cranking amps)	A	2@725	

CPS 900-150 JD Features

Easy to use advanced controller to protect your investment



Single axel undercarriage

Spillage free frame and cold weather standard

Portable and Electric Compressors

Portable, Powerful and Tough



People.
Passion.
Performance.



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Small air compressors

The new CPS 175-100 small air compressor makes sure to deliver compressed air, wherever you need it. Thanks to its low weight, the CPS 175-100 is easy to tow. The large fuel tank was made to cover full 8 hour shifts. Choose a machine that's easy to use. Even in the most demanding circumstances, the CPS 175-7 will deliver.

Standard features

- Simplified control panel with easy user interface
- Corrosion resistant sheet metal
- Easy service access
- Heavy duty air and fuel filters

Options

- Cold start (synthetic oils)
- Towing eye, jockey wheel or support leg
- Spillage free frame
- Fixed or adjustable tow bar
- Skid or support mounted
- Wheel chocks
- Toolbox
- Spark arrester
- Aftercooler + WSD
- Safety cartridge
- Additional fuel filter
- Check valve



Diesel compressors

		CPS 175-100
Normal effective working pressure	bar(psi)	7(100)
Free air delivery	l/s	83.3
	cfm	175
	m3/min	5
Minimum engine speed	rpm	1850
Maximum engine speed	rpm	3000
Compressor oil capacity	l	8
Air outlet valves		3 x 3/4"

Engine

Engine brand		Kubota
Engine model		V1505T
Engine power	kW	33
Engine cooling		Water
Engine oil capacity	l	5.5
Engine tank capacity	l	60

Dimensions (Box unit without undercarriage)

Length	mm	2050
Width	mm	1200
Height	mm	1200
Operational Weight	kg	650

Dimensions (Box unit with undercarriage)

Length	mm	2700
Width	mm	1350
Height	mm	1350
Operational Weight	kg	750

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 service access
- Heavy duty air and fuel filters

Options

- Support mount
- Quality air equipment
- Cold start



Diesel compressors		CPS 7.0-7*	CPS 11.0-7**	CPS 350-175	CPS 360-150	CPS 400-100	CPS 11.0-12**	
Free air delivery	Normal effective working pressure	bar(psi)	7(100)	7(100)	12(175)	10(150)	7(100)	12(175)
	Free air delivery	l/s	114	185	167	173	200	173
		cfm	241	392	353	367	424	367
		m ³ /min	7	11.1	10.0	10.4	12.0	10.4
Minimum engine speed	rpm	1600	1700	1500		1700		
Maximum engine speed	rpm	2700	2300	2300		2100		
Compressor oil capacity	l	11	23.5	24		23.5		
Air outlet valves		1x1 1/2" / 3 x 3/4"	1x1 1/2" / 3 x 3/4"	1x1 1/2" / 3 x 3/4"		1x1 1/2" / 3 x 3/4"		

Engine

Engine brand		Kubota	Deutz	Cummins		Deutz
Engine model		V2403-M-DI-T-E2B	TCD2012L04	4BTAA3.9-C125		TCD2013L04
Engine power	kW	49.2	83	93		104
Electrical system	V	12	12	24		12
Engine oil capacity	l	11.5	8.5	9		10.5
Engine tank capacity	l	87	175	185		175

Dimensions (Box unit without undercarriage)

Length	mm	2314	2642	2235		2642
Width	mm	1378	1391	1180		1391
Height	mm	1518	1608	1623		1608
Operational Weight	kg	1099	1642	1580		1642

Dimensions (Box unit with undercarriage)

Length	mm	3747	4098	2862		4098
Width	mm	1593	1700	1790		1700
Height	mm	1572	1750	1908		1750
Operational Weight	kg	1300	1705	1680		1705

*CE marking, Red Rock polyethylene canopy and spillage free frame

**CE marking



Diesel compressors		CPS 750-175	CPS 800-150	CPS 850-125	CPS 770-300	CPS 820-250	CPS 900-175	CPS 950-150	CPS 1070-360
Normal effective working pressure	bar(psi)	12(175)	10(150)	8.6(125)	21(300)	17(250)	12(175)	10(150)	25(360)
Free air delivery	l/s	347	370	393	363	385	410	447	508
	cfm	735	784	833	770	816	869	946	1077
	m ³ /min	20.8	22.2	23.6	21.8	23.1	24.6	26.8	30.5
Minimum engine speed	rpm	1300			1400		1400		1100
Maximum engine speed	rpm	2000			2000		2000		1600
Compressor oil capacity	l	55			70		65		100
Air outlet valves		1x1 1/2" / 3 x 3/4"			1x1 1/2" / 3 x 3/4"		1x1 1/2" / 3 x 3/4"		1x1 1/2" / 3 x 3/4"

Engine

Engine brand		Cummins							
Engine model		6CTA8.3-C260			6LTAA8.9-C315		6LTAA8.9-C315		QSZ13-C500-II
Engine power	kW	194			232		232		372
Electrical system	V	24			24		24		
Engine oil capacity	l	18			28		28		45
Engine tank capacity	l	300			512		430		780

Dimensions (Box unit without undercarriage)

Length	mm	2726			3985		3985		4360
Width	mm	1660			1800		1800		2100
Height	mm	1850			2200		2200		2180
Operational Weight	kg	2380			5010		4245		5780

Dimensions (Box unit with undercarriage)

Length	mm	4377			4210		4210		4460
Width	mm	1950			1800		1800		2100
Height	mm	2270			2631		2631		2570
Operational Weight	kg	2685			5365		4600		6280

T110 Truck Air

Light and compact built-in compressors

The T110 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.



**SMALLER
FOOTPRINT**



**EASY TO
INTEGRATE**



**STACKABLE
UP TO THREE UNITS**



Technical data

Diesel		T110-7
Normal effective working	bar(psi)	7(100)
	l/s	51.9
Free air delivery	cfm	95
	m ³ /min	2.7
Max. ambient temperature at sea level	°F	122
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	7.9
Secondary fuel tank	gal	2.6
Length	inch	62
Width	inch	29
Height	inch	33
Weight	lbs	1102

Features

- Spillage free frame with centralized drain
- Forklift slot as standard
- Three layer coating and stainless accessories for anti-corrosion protection
- Heavy duty air and fuel filter
- Ruggedized and simple control panel
- External fuel filling
- Corrosion free plastic fuel tank for full shift autonomy
- Optional after cooler and water separator
- Secondary fuel tank
- Safety cartridge
- Cold weather starting aid (-4°F)

**People.
Passion.
Performance.**



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Truck air range

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

		T 75-100	T 110-100	T 130-100	T 175-100	T 190-100	T 190-175	T 250-100
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	110	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						
Min. starting temperature	°C	-10						
Min. starting temperature(Cold Start Aid)	°C	-20						

Engine

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

Capacity

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

Dimensions

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

CPS 185 KDU T4F

Utility Mounted Compressor



Standard Scope of Supply

The **CPS 185 KDU T4F** is a single-stage oil-injected rotary screw type air compressor, powered by a liquid-cooled, four cylinder turbocharged Kubota diesel engine.

The unit consists of an air end, diesel engine, cooling circuit, air/oil separation and control systems - all enclosed with an 1000 hour salt spray tested zinc rich primer steel canopy enclosure.

It is in a Utility Mounted enclosure designed for mounting on truck decks, factory and locally installed options are available.

Special attention has been given to the overall product quality, user friendliness, ease of serviceability, and economical operation to ensure best in class cost of ownership.

Available Models

CPS 185 KDU T4F

single stage - 100 psi –Kubota engine

Standard Features

- 49Hp Engine with 185 CFM Free Air Delivery
- Low Fuel Shutdown
- Central point drains
- Curbside control panel
- Protective shutdown system

Benefits

- 185 CFM free air delivery @ 2.3Gal/hr (8.3L/hr)
- Direct drive compressor, no gearbox required which saves horsepower and fuel
- Reduces downtime on site when operator runs out of fuel as there is no longer a need to "re-prime" the fuel system
- All fluids and service points plumbed to edge of the machine for ease of maintenance while mounted on a truck
- Allows ease of use for the operator
- Prevents damage to the compressor



**Electric Air
Compressors**

Sustainable, portable,
powerful air solutions

CPS 900E

People. Passion. Performance.

 **Chicago
Pneumatic**

Electric air compressors

In need of a compressor that delivers high performance, easy maintenance and flexibility? Power source available on your construction site? Make sure to check out our range of electric air compressors. No longer worry about emissions. The robust and compact design makes sure transport is easy and safe. Our electric compressors deliver flows between 420 and 900 cfm and make sure you'll have the power to get the job done.

Standard features*

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



Applications

- Plant air backup for all manufacturing industries.
- Utilities: handheld pneumatic tools, abrasive blasting and more.
- Construction: shotcrete blasting, geothermal drilling
- Mining: quarry open pit and underground mining
- Oil and Gas: well stimulation, gas transmission

Built for tough environments

- Heavy duty air filter with safety cartridge as standard
- 3 layer coating canopy panels
- Extreme cold weather ready
- Heater for water separator, solenoid valve, electrical panel and thermostatic bypass valve

Model		CPS 400E-150	CPS 500E-150	CPS 900E-150
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	-13	-13	-13
Sound pressure level (LpA) at 7m (23ft)***	dB(A)	68	67	73

Main Motor

Power	kW	75	90	160
Voltage	V	440 / 460	440 / 460	440 / 460
Class		IE3		

Capacity

Compressor oil	l	40	65
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Dimensions and weight (Box version)

Length	in	112	133
Width	in	43	47
Height	in	64	65
Weight	lbs	3582	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

Electric air compressors

In need of a compressor that delivers high performance, easy maintenance and flexibility? Power source available on your construction site? Make sure to check out our range of electric air compressors. No longer worry about emissions. The robust and compact design makes sure transport is easy and safe. Our electric compressors deliver flows between 400 and 875 cfm at 10 bar and makes sure you'll have the power to get the job done.

Standard features*

- Forklift slots
- External lifting point
- Single side service
- Aftercooler + Bypass

Options

- Undercarriage or skid
- Jockey wheel
- Quality air equipment (filters)
- Softstart
- Camlok/Powerlock



Model		CPS 400E-150	CPS 500E-150	CPS 900E-150
Frequency	Hz	50 60	50 60	50 60
Normal effective working pressure	bar(PSI)	10(150)	10(150)	10(150)
Free air delivery**	cfm	415 403	481 493	875
	m³/min	11.8 11.4	13.6 13.9	24.8
	l/s	196 190	227 232.7	413
Max. ambient temperature	°C	50	50	45
Min. ambient temperature (cold start)	°C	-25	-25	-25
Sound pressure level (LpA) at 7m (23ft)***	dB(A)	67	65 67	68 73

Main Motor

Power	kW	75	90	160
Voltage	V	400 / 380 / 440 / 460 / 575	400 / 380 / 440 / 460 / 575	400 / 380 / 440 / 460 / 575
Class		IE3		

Capacity

Compressor oil	l	40	65
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Dimensions and weight (Box version)

Length	mm	2850	3378	
Width	mm	1100	1190	
Length	mm	1620	1663	
Weight	kg	1625	1800	3160

*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

Model		CPS 350E-100	CPS 400E-185	CPS 450E-100	CPS 450E-150
Frequency	Hz	50	50	50	50
Normal effective working pressure	bar(psi)	7(100)	13(185)	7(100)	10(150)
Free air delivery**	cfm	353	388	459	459
	m³/min	10	11	13	13
	l/s	167	183	217	217
Max. ambient temperature	°C	50	50	50	50
Min. ambient temperature	°C	-10	-10	-10	-10
Sound pressure level (LpA) at 7m (23ft)***	dB(A)	73	73	73	73

Main Motor

Power	kW	55	90	75	90
Voltage	V	380			
Class		IE2			

Capacity

Compressor oil	l	20	28	28	28
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Dimensions and weight (undercarriage)

Length	mm	3172			
Width	mm	1600			
Height	mm	1745			
Weight	kg	1540	1640	1540	1640

Model		CPS 500E-185	CPS 600E-150	CPS 600E-200	CPS 700E-100	CPS 750E-150	CPS 770E-300	CPS 800E-125
Frequency	Hz	50	50	50	50	50	50	50
Normal effective working pressure	bar(psi)	13(185)	10(150)	14(200)	7(100)	10(150)	21(300)	8(125)
Free air delivery**	cfm	477	583	583	717	742	770	812
	m³/min	13.5	16.5	16.5	20.3	21	21.8	23
	l/s	225	275	275	338	350	363	383
Max. ambient temperature	°C	50	50	50	50	50	50	50
Min. ambient temperature	°C	-10	-10	-10	-10	-10	-10	-10
Sound pressure level (LpA) at 7m (23ft)***	dB(A)	73	73	73	73	73	78	73

Main Motor

Power	kW	110	110	132	110	132	250	132
Voltage	V	380	380	380	380	380	380	380
Class		IE2						

Capacity

Compressor oil	l	55	55	55	55	55	92	55
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Dimensions and weight (undercarriage)

Length	mm	4232	4232	4232	4232	4232	3985	4232
Width	mm	1950	1950	1950	1950	1950	1800	1950
Height	mm	2170	2170	2170	2170	2170	2200	2170
Weight	kg	2590	2590	2590	2590	2590	4250	2590

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

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

People. Passion. Performance.

Construction equipment portfolio

Air compressors



- Small air**
- 2-5 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.