

CPS 185 Kohler USA

Portable compressor



Standard Scope of Supply

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

The unit consists of an air end, diesel engine, cooling circuit, air/oil separation and control systems - all enclosed within a sound dampened Redrock™ polyethylene shell.

Unique features – 110% fluid containment, internal toolbox, external lifting eye, new easy to use controller XC1004

Available Models

CPS 185

single stage - 100 psi – Kohler engine

Standard Features

- Latest screw technology
- 110% Spillage Free Containment Frame
- Xc1004 controller
- Heavy Duty Single Axle Trailer w/ 13" tires
- Internal tool box
- Spin on type compressor oil separator
- Redrock™ Enclosure
- External lifting bale

Benefits

- 180 CFM free air delivery @ 4.6 Gal/hr (10.97 L/hr)
- Protects environment from spill/ leaks, avoids costly clean up
- Easy to use, one controller to regulate the entire machine
- Well balanced for safer towing or moving around site
- High ground clearance for rough site and road conditions
- Internal Tool Box – Fits 90 lb hammer fit all you need inside the lockable compressor
- Less than one hour service with no special tools required
- Heavy double wall polyethylene enclosure
- Dent and UV Resistant
- Keeps looking new for longer and adds to resale value
- Easy access for getting on/off site

Optional Features

- Extended Draw bar with hose reel
- Lubricator
- Safety cartridge
- Undercarriage variants and add-ons
- OSHA valve
- Battery disconnect
- Cold weather package

Benefits

- Keeps all of the customer's hoses in the same place, great for municipal bids. It comes as 50' or 100' Single Hose Reel or Dual Hose Reel
- Shipped Loose
- To offer extra filtration, safer operations and you it gives the option to change the air filter without stopping the machine
- Electric brakes, Hydraulic brakes, jockey wheel, frame D Rings, support mount, several types of loose ball couplings (2 5/16", 2" and 2" bulldog), 6 way trailer end.
- OSHA compressed air safety shut-off valves immediately shut off the air supply should the volume of air flowing through the valve exceed a preset value. (For example: when an air hose breaks)
- Prevents battery power loss when machinery not being used
- Features required for starting at -13°F and cold weather operations. Includes: 120V block heater.

Technical Data

Compressor	Units	CPS 185 KOH8 T4F
Actual free air delivery ¹ (FAD)	cfm	180
Normal effective working pressure	Psi	100
Maximum unloading pressure	Psi	125
Minimum working pressure	Psi	58
Max. sound pressure level @ 23' (7m) at normal working speed & pressure ²	dB(a)	TBD
Compression Stages		1
Air Receiver Capacity	US Gal (L)	4.76 (18.0)
Compressor oil capacity	US Gal (L)	2.5 (9.7)
Approximate air outlet temperature	°F (°C)	200 (93)
Air Compressor outlets		2 x ¾"
Max. ambient temperature (at sea level) ³	°F (°C)	122 (50)
Maximum altitude	ft (m)	9842 (3000)
Minimum starting temperature (without cold weather options)	°F (°C)	14 (-10)
Minimum starting temperature (with cold weather options)	°F (°C)	-13 (-25)
Engine	Kohler	KDI 1903 TCR
Emissions Regulation	US EPA	Tier 4 Final
US EPA Engine Family		NKHXL02.5TCR
Output at rated speed (2700 rpm) ⁴	HP	49
Number of cylinders		3
Aspiration		Turbocharged
Displacement	cu in (L)	114 (1.861)
Engine speed (Unloaded)	rpm	1800
Engine speed (Maximum loaded)	rpm	2500
Engine oil capacity	US Gal (L)	2.35 (8.9)
Engine coolant capacity	US Gal (L)	2.6 (9.9)
Fuel tank capacity	US Gal (L)	22.375 (101.7)
Fuel consumption at 100% load	Gal/Hr (L/Hr)	2.6 (9.84)
Fuel consumption at 75% load	Gal/Hr (L/Hr)	2.48 (9.39)
Fuel consumption at 50% load	Gal/Hr (L/Hr)	1.92 (7.27)
Fuel consumption at 25% load	Gal/Hr (L/Hr)	TBD
Fuel consumption at 0% load	Gal/Hr (L/Hr)	TBD
Electrical System (Negative Ground)	V	12
Battery Capacity (Cold Cranking Amps ⁵)	A	725

¹ According to ISO 1217 ed.3 1996 annex D

² Measured in accordance with ISO 2151 under free field conditions @ 7m distance

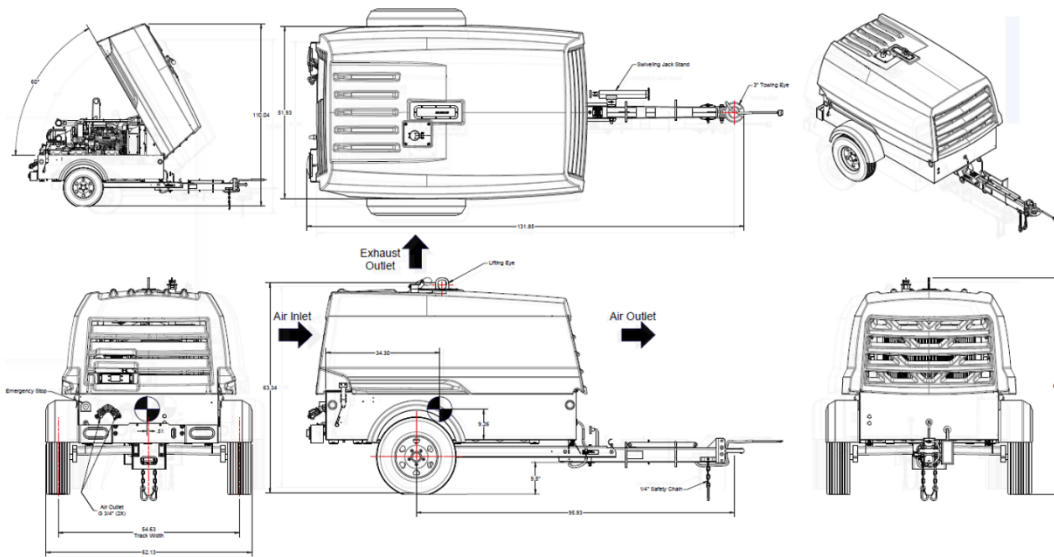
³ Consult Chicago Pneumatic for proper de-rating instructions for operation beyond ambient limitations

⁴ Horsepower limited by Engine ECU

⁵ According to DIN 72311

Dimensions

Trailer mounted - Redrock™ Version



Weight (Wet - Ready-to-operate)

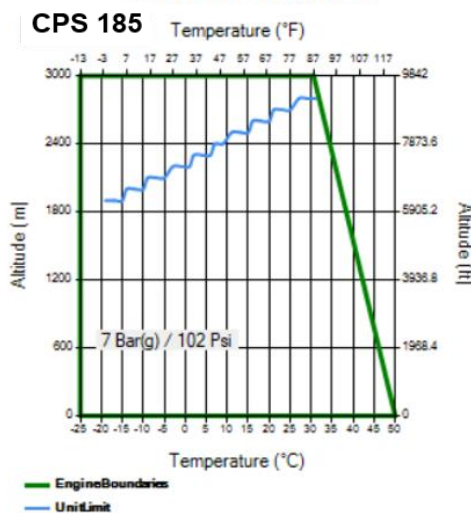
		CPS 185 Kohler
Trailer mounted	lb (Kg)	> 2110 (957)

Dimensions

		CPS 185 Kohler
Trailer mounted Inches (m)	L x W x H	131.85 (3.35) x 62.13 (1.58) x 65.34 (1.66)

ALTITUDE UNIT PERFORMANCE CURVE

Maximum allowable working pressure as a function of altitude and ambient temperature



Graph represents working conditions, for starting conditions pls contact your Atlas Copco contact

Dimensions

Support mounted - Redrock™ Version

Weight (Wet - Ready-to-operate)

		CPS 185 Kohler
Support mounted	lb (Kg)	> TBD

Dimensions

		CPS 185 Kohler
Support mounted Inches (m)	L x W x H	83.43 (2.12) x 52.43 (1.33) x 62 (1.58)

Principle Data

Compressor Element

The CPS 185 compressor utilizes the new C-90 element that is driven from the diesel engine with coupling. Our new element brings even more flow with less fuel consumption.

Inlet air is filtered through a heavy-duty two-stage air filter.

Air/Oil Separator

Air and oil separation is achieved through a centrifugal compressor oil separator with a spin on type filter element for easy maintenance. Separators are ASME/CRN approved versions and are stamped accordingly.

The separator is equipped with a sealed high-pressure safety relief valve, sonic nozzle, automatic blow-down valve, and pressure regulator.

Easy to service, just one hour service, no special tools and up to 1000 hour / 2 years compressor service interval.

Air/Oil Separator Tank:

Volume	4.76 US Gal / 18 L
Certifications	ASME / CRN
MAWP	261psi @ 248°F

Cooling System

The cooling system consists of integrated side-by-side aluminum oil cooler with axial fan to ensure optimum cooling. A guard for operator safety protects the fan. There is an access port on both sides of the fan box for easy cleaning

The cooling system is suitably designed for continuous operation in ambient conditions up to 122°F, with canopy door closed.

Compressor Regulating System

The compressor regulating system consists of air receiver/oil separator, compressor element, blow down valve and pressure safety valve.

Economic power consumption is assured by the fully automatic 100% step-less speed regulator that adapts engine speed to air demand.

Discharge Outlets

Compressed air is available from 2 x 3/4" outlet valves, with claw type (Chicago) coupling.

Storage Compartment

The compressor has a built in open top tool box compartment. Tool box dimension is: **33.8" L x 7.4" W x 10" H**.

Safety Features

The compressor has many safety features: Pressure safety valve, emergency shut down button, low fuel shut down, high temperature engine coolant, high temperature compressor oil and engine oil pressure

Engine

Kohler KDI 1903 TCR

Kohler KDI 1903 TCR Tier 4 Final, turbocharged, three-cylinder, liquid-cooled diesel engine provides ample power to operate the compressor continuously at full-load.

Meets all US EPA and Environment Canada exhaust legislations with Tier 4 Final compliance. The US EPA engine family is NKHXL02.5TCR. The engine utilizes a DOC to meet Tier 4 Final emissions. All functionality of the engine and exhaust after treatment are controlled automatically on the XC1004 controller.

Engine output at rated speed, in accordance to SAE Standard, is 49hp at 2500 rpm, as limited by the engine ECU.

The engine has the capability to start the compressor to 14°F (-10°C) with standard glow-plug aid. Cold start options are available for up to -13°F (-25°C).

The 22.375 Gal. (102L) fuel tank is sufficiently sized to operate the unit for 8.6 hours at full-load condition.

Electrical System

The **CPS 185 Kohler** is equipped with a 12 Volt negative ground electrical starting system.

Instrumentation

The instrument control panel is located on the back, of the compressor canopy with easy access.

Standard instrument package includes an operating pressure gauge, and fully diagnostic ECU controller with large 3.5" display. The intuitive XC1004 controller is easy to operate with all functions conveniently at your fingertips. The controller also manages the engine ECU operating system, and a number of safety warnings and shut downs on various parameters (listed below).

XC1004 Controller Functionality:

- Displayed while running
 - Hours
 - Fuel level
 - RPM
 - Outlet pressure
- Compressor measurements displayed
 - Running hours
 - Fuel level
 - Battery voltage
 - Running hours
 - Regulating pressure
 - Minor and major service counters in hours and days
 - Compressor element temperature
- Warnings and Shutdowns
 - High temperature engine coolant
 - High temperature compressor oil
 - Engine oil pressure
 - Low fuel level
- Settings
 - Reset service timers
 - Diagnostics for engine ECU
 - Unit of measure changes
- Operational Buttons
 - Start and stop of the unit
 - View measurements, settings and alarms
 - Graphical representations of the alarms
- Engine measurements displayed
 - Current fuel level
 - Engine coolant temperature
 - Engine oil pressure
 - Engine RPM
- Alarms
 - View current & historical alarms present
 - DM1: View current engine codes (SPN/FMI)



Bodywork

The compressor is delivered in the Redrock™ version.

Redrock™: Our Redrock™ version comes standard with dual wall, Polyethylene material providing superior corrosion, and UV protection against fading and discoloration. As well as unmatched dent and damage resistance. The canopy is sound attenuated to meet the most current legal noise requirements. A clamshell style hood offers easy service access to all components.

Undercarriage

The **CPS 185 Kohler** compressor is available with undercarriage alternatives, providing utmost flexibility in installation or towing requirements.

- Single axle trailer setup with:
 - US DOT/Federal MVSS 49CFR571 approved light package and 7 pin RV plug
 - Adjustable height pintle hitch (3" lunette)
 - External lifting eye
 - 13" Rims w/ ST205/75D15 Tires for trailer use
 - Trailer brakes not standard (can be added as option)
 - Heavy Duty torsion axle rated at 2,500lbs
 - Safety chains
 - Screw jack leveling
 - Single point lifting structure

- Undercarriage options
 - Loose Ball Coupling 2 5/6"
 - Loose Ball Coupling 2"
 - Loose Ball Coupler 2" Bulldog
 - Electric Brake

Manufacturing & Environmental Standards

The **CPS 185 Kohler** is manufactured following stringent ISO 9001 regulations, and by a fully implemented Environmental Management System fulfilling ISO 14001 requirements.

Attention has been given to ensure minimum negative impact to the environment.

The **CPS 185 Kohler** meets all current US EPA, CARB and Environment Canada exhaust and noise emission directives.



Supplied Documentation

The unit is delivered with documentation regarding:

- Hard copies of the Chicago Pneumatic Operators Safety and Instruction Manual, Chicago Pneumatic Parts Book, Kohler Engine Manual and Parts book, as well as electronic copies available on request.
- Warranty Registration card for engine and Chicago Pneumatic Compressor (Units must be registered upon receipt).
- Certificate for air/oil separator vessel and safety valve approval, ASME/CRN (Upon request only).

Warranty Coverage

Kohler Engine: Three (3) years / 2,000 hours of operation (whichever occurs first) & Major Component Warranty (MCW) for three (3) years / 3,000 hours (whichever occurs first) warranty from Kohler Engine America. Unit must be registered directly with Kohler upon receipt to be eligible for warranty. Failure to register warranty upon initial startup may cause warranty claim delays or rejection of claim by Kohler.

Chicago Pneumatic Compressor: Warrantied to be free from defects with regard to material and workmanship for the period of eighteen (18) months from date of shipment from the factory, or twelve (12) months from date of initial start-up, whichever occurs first, without limitation of running hours.

Air compressor element assemblies used in Chicago Pneumatic portable air compressors, is warranted to be free from defects with regard to materials and workmanship for the period of thirty (30) months from date of shipment from the factory, or twenty-four (24) months from date of initial startup, whichever occurs first, without limitation of running hours. Chicago Pneumatic service kits including parts and oils (GENOil's) must be used to maintain warranty. Failure to register warranty upon initial start-up may cause warranty claim delays or rejection of claims.

Extended Warranty Programs: Programs are available; please contact your local sales representative for more info.

Preliminary CPS 400 KoD

Portable compressor

Preliminary copy, specifications are subject to change.



Standard Scope of Supply

The Chicago Pneumatic 400 Series KoD T4F is a single-stage, oil-injected, rotary screw type air compressor, powered by a liquid-cooled, four-cylinder turbocharged diesel engine.

The unit consists of an air end, diesel engine with exhaust treatment, cooling circuit, air/oil separation and control systems - all enclosed within a sound dampened HardHat™ Gull wing enclosure.

A range of undercarriage formats, 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.

Pressures and Flow



Available Models

CPS 400-100 T4F – XC 1004 controller - Conventional Regulated pressure controls.	Single stage – 100 psi to 200 psi – Kohler engine
CPS 400-200 MP - XC 2003 controller - Multi Pressure control	Single stage – 100 psi to 200 psi – Kohler engine

Features

Benefits

- | | |
|--|--|
| <ul style="list-style-type: none"> • Kohler T4F engine
 • Chicago Pneumatic Controller XC2003
 • 110% Spillage Free Containment Frame • Low Fuel Shutdown
 • Heavy Duty Single Axle Trailer w/ 15" tires
 • Cold Weather Package | <ul style="list-style-type: none"> • Meets all current T4F emission regulations. • Integrated exhaust after treatment makes T4F integration easy. • 3 Year warranty from factory on Kohler Engine.
 • Proven controller for easy operation and diagnostics of the compressor and engine. • Allows the operator to view compressor parameters including: Pressure settings, reading engine codes, two programmable service timers, operating temperatures, operating pressures, fuel levels, Fuel consumptions, and load/unload compressor. • Fuel pressure display on the screen
 • Protects environment, avoids costly clean up liability • Reduces downtime on site when operator runs out of fuel as there is no longer a need to “re-prime” the fuel system • Well balanced for safer towing or moving around site • High ground clearance for rough site and road conditions
 • Features required for reliable cold weather operation. Includes: synthetic compressor oil (Paroil S) and block heater |
|--|--|

Optional Features

Benefits

- | | |
|--|---|
| <ul style="list-style-type: none"> • Portable Full Feature (filtered air)
 • Cold Weather Package | <ul style="list-style-type: none"> • Chicago Pneumatic’s PFF system ensures cool, clean and dry air. The PFF system is plumbed through a secondary outlet so you can isolate the hoses and hardware requiring this purity of air. The PFF system comes standard with a three way valve the operator can select various air quality levels and optimal cold weather configuration. • Features required for reliable cold weather operation Including; synthetic compressor oil and coolant heater. |
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Technical Data

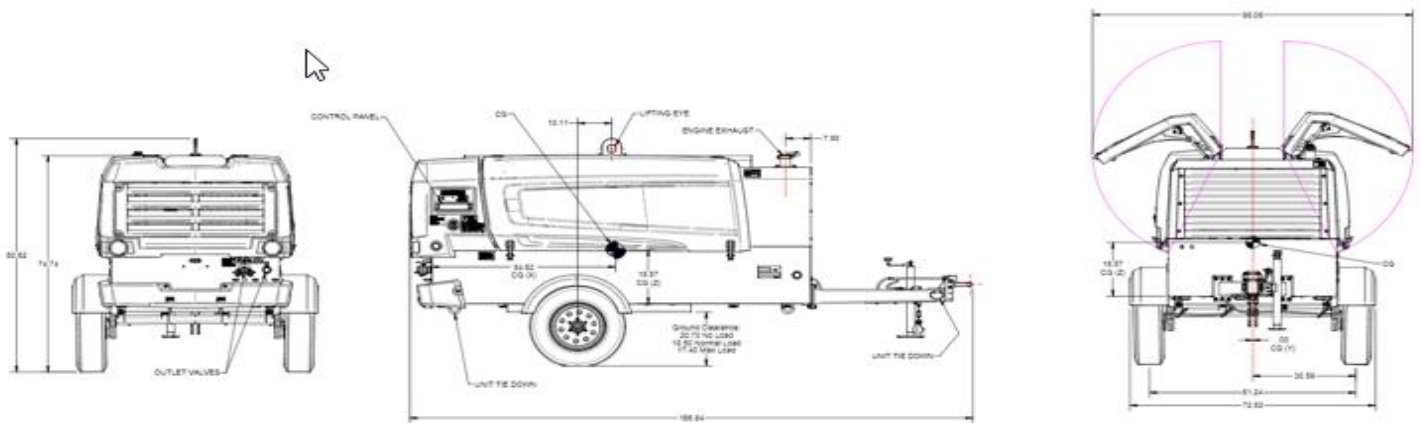
Compressor

		CPS 400-100 T4F	CPS 400-200 MP T4F
Normal effective working pressure (pre-sets 100 psig or 200 psig)	Psi	100 / 150	150 / 175 / 1200
Actual free air delivery ¹ (FAD) at pre-set pressure setting	Cfm	400 / 365	365 / 350 / 335
Maximum effective receiver pressure (compressor unloaded)	Psi	175	205
Minimum working pressure	Psi		58
Max. sound pressure level @ 23' (7m) at normal working speed & pressure ²	dB(a)		80.7
Compression Stages			1
Air Receiver Capacity	US Gal (L)		11 (41.6)
Compressor oil capacity	US Gal (L)		6.7 (25.4)
Approximate air outlet temperature (without aftercooler)	°F (°C)		200 (93)
Air Compressor outlets		2 x ¾" & 1 x 1 ½" (1 x normal air, 1 x after-cooled air)	
Max. ambient temperature (at sea level) ³	°F (°C)		122 (50)
Maximum altitude	Ft (m)		12418 (3785)
Minimum starting temperature (with cold weather options) ⁴	°F (°C)		-13 (-25)

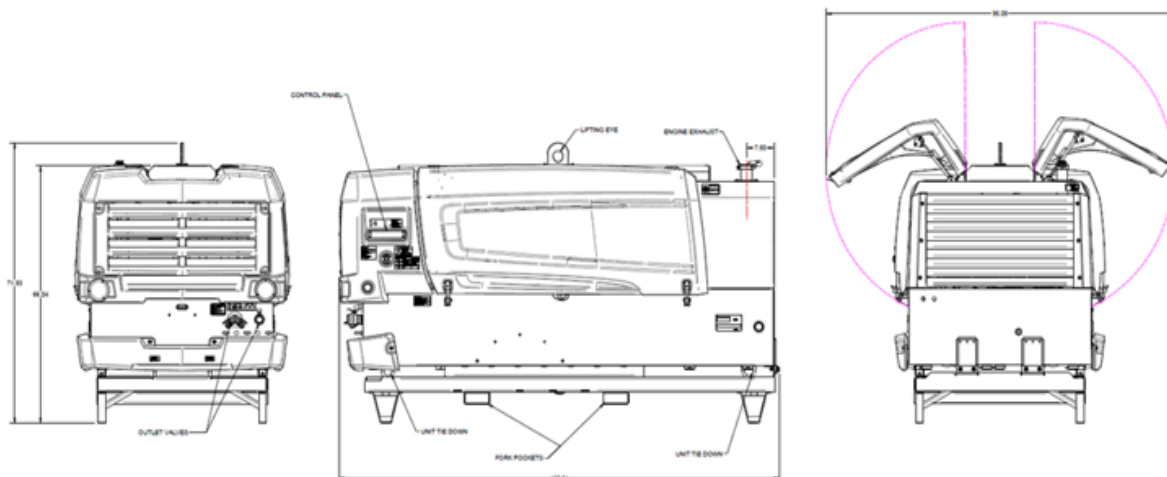
Engine	Kohler	KDI3404TCR		
Emissions Regulation	US EPA Tier	T4F		
Output at rated speed (2200 rpm)	HP	134		
Number of cylinders		4		
Aspiration		Turbocharged		
Displacement	cu in (L)	205 (3.36)		
Engine speed (Unloaded)	Rpm	1500		
Engine speed (Maximum loaded)	Rpm	2200 / 2066	2066 / 1926	
Engine oil capacity	US Gal (L)	5.4 (20.4)		
Engine oil required		Low Ash Oil per API CJ-4, ACEA C9		
Engine coolant capacity	US Gal (L)	5.6 (21.3)		
Fuel tank capacity	US Gal (L)	52 (197)		
Fuel consumption at 0% loaded idle	Gal/Hr (L/Hr)	.32 (5.00)		
Fuel consumption at 100% load	Gal/Hr (L/Hr)	5.92 (22.41)	5.92 (22.41)	5.92 (22.41)
DEF tank capacity	US Gal (L)	4.5 (17)		
DEF consumption at 100% load (100 psig operation)	Gal/Hr (L/Hr)	0.13 (0.49) / 0.14 (0.53)	0.14 (0.53) / 0.17 (0.64)	
Battery Capacity (Cold Cranking Amps ⁵)	A	1100		

- ¹ According to ISO 1217 ed.3 1996 annex D
- ² Measured in accordance with ISO 2151 under free field conditions @ 7m distance
- ³ Consult Chicago Pneumatic for proper de-rating instructions for operation beyond ambient limitations
- ⁴ Cold weather kit recommended for operations below 32°F
- ⁵ According to DIN 72311

Dimensions Trailer mounted



Support Mounted



Weight (Wet - Ready-to-operate)

		CPS 400 KoD T4F
Trailer mounted	lb (Kg)	4520 (2050)
Support mounted	lb (Kg)	4505 (2043)

Dimensions

		CPS 400 KoD T4F
Trailer mounted	Inches (mm)	L x W x H 167 x 73 x 81
Support mounted	(Inches)	L x W x H 121 x 59 x 72

Principle Data

Compressor Element

The quality of a compressor can be measured through the reliability, efficiency and durability of the compressor element used. The Rotary Screw Air Ends used in the Chicago Pneumatic compressors are manufactured By Air Power – Atlas Copco. These Air Ends are proven with decades of manufacturing expertise in the design of compressor elements, Atlas Copco remains a world leader in designing the most efficient and reliable compressors on the market. With air-end efficiency, extended maintenance intervals and reduced fuel consumption.

The Chicago Pneumatic CPS400 Series KoDT4F compressor utilizes Atlas Copco’s C106 element and is driven from the diesel engine through a gear box with a rubber disc coupler.

The compressor system comes with Chicago Pneumatic Gen Oil. The oil cooler comes equipped with a standard thermostatic by-pass valve for superior cold weather lubrication.

Air/Oil Separator

Air and oil separation is achieved through a centrifugal oil separator combined with a filter element. Separators are available in ASME/CRN approved versions and are stamped accordingly.

Designed for a higher maximum working pressure, the separator is equipped with a sealed high pressure safety relief valve, minimum pressure valve, automatic blow-down valve, and pressure regulator.

The separator features an easily removable lid with no alternatively attached components to provide easy access to service the internal separator filter element.

Air/Oil Separator Tank:

Volume	11 US Gal / 42 L
Certifications	ASME / CRN
MAWP	261psi @ 266°F

Cooling System

The cooling system consists of integrated side-by-side aluminum oil cooler with axial fan to ensure optimum cooling. The cooling system is suitably designed for continuous operation in ambient conditions up to 122°F, with canopy door closed for the CPS 400 KohlerT4F

Compressor Regulating System

The compressor regulating system consists of an air filter, air receiver/oil separator, compressor element, unloader assembly with unloader valve, blow down valve and loading valve.

Economic power consumption is assured by the fully automatic 100% step-less speed regulator that adapts engine speed to air demand.

Discharge Outlets

Compressed air is available from 2 x 3/4" NPT outlet valves and one 1 1/2" ,outlet valve.

Engine

Kohler 3404TCR 100 kW

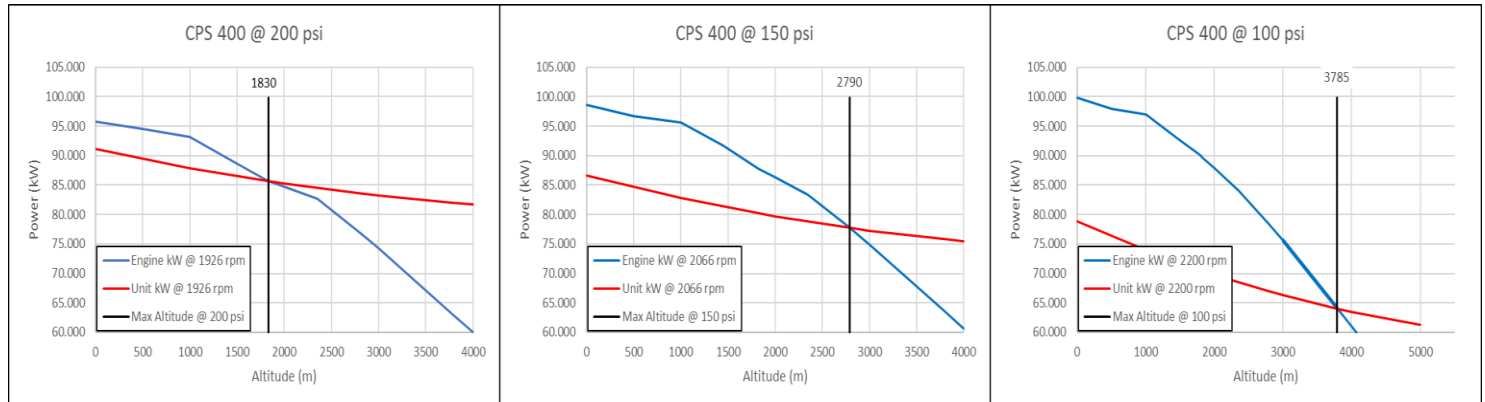
Kohler 3404TCR T4F turbo charged four-cylinder, liquid-cooled diesel engine provides sustainable power to operate the compressor continuously at full-load.

Meets all US EPA and Environment Canada exhaust legislations with Final Tier 4 compliance.

The US EPA engine family is "EJDXL04.5315" and rated at 134hp at 2200 rpm, in accordance to SAE Standard.

Engine starting capacity at -13°F (-25°C) without the addition of cold start options.

The 52Gal (192L) fuel tank enables operation for over 8 hours at full load and comes standard with a low fuel shutdown at 6%.



Emissions Treatment

The Kohler 3404TCR after treatment consists of a Diesel Oxidization Catalyst (DOC) and a Selective Catalytic Reduction (SCR). The SCR utilizes the temperature of the exhaust to passively regenerate during normal use.

Electrical System

The **400 Series KoD T4F** is equipped with a 12 Volt negative ground electrical starting system.

Instrumentation

The Kohler CPS 400 KoD is offered with two different controllers, The CPS 400-100 KoD uses the XC 1004 with a conventional pressure regulation system.

The CPS 400-200 KoD uses the XC 2003 controller with the New- Multi Pressure (MP) regulating system.

The control panels for both are located on the back, curbside of the compressor canopy with easy access.

Standard instrument package includes an operating pressure gauge, and fully diagnostic ECU controller with large 3.5" display. The intuitive Chicago Pneumatic XC1004 controller is easy to operate with all functions conveniently at your fingertips. The controller also manages the engine ECU operating system, and a number of safety warnings and shut downs on various parameters (listed below).

CPS 400-100 KoD T4F XC 1004 Controller



Product Reference: CP-C-400-KoD-T4F

CPS 400-100 KoD T4F

XC1004 Controller Functionality:

- Displayed while running
 - Hours
 - Fuel level
 - RPM
 - Outlet pressure

- Compressor measurements displayed

- Running hours
- Fuel level
- Clock
- Battery voltage
- Running hours
- Regulating pressure
- Emergency stop count
- Average fuel consumption
- Minor and major service counters in hours and days

- Warnings and Shutdowns

- High temperature engine coolant
- High temperature compressor oil
- Engine oil pressure
- Low fuel level
- High DPF soot level

- Settings

- Manual regeneration of DPF
- Reset service timers
- Diagnostics for engine ECU
- Language settings
- Unit of measure changes

- Operational Buttons

- Start and stop of the unit
- View measurements, settings and alarms
- Multi position cursor to navigate menus

- Engine measurements displayed

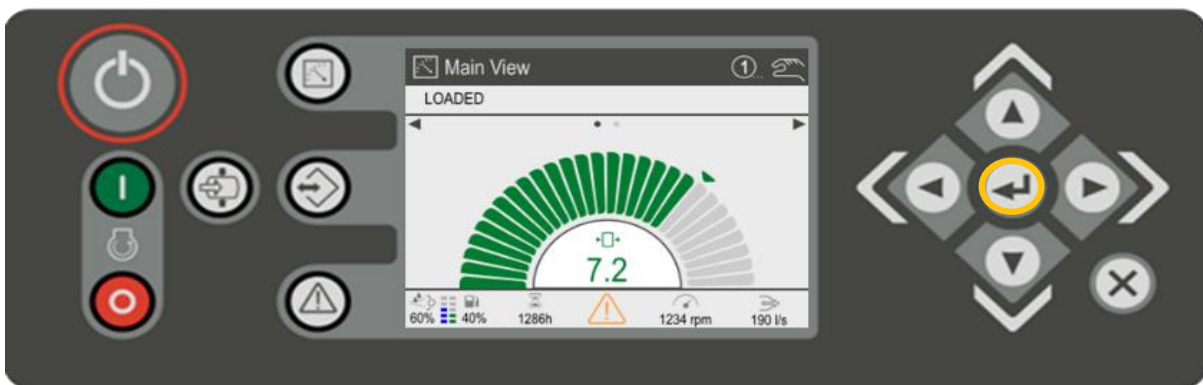
- Current fuel rate
- Engine coolant temperature
- Engine oil pressure
- Engine RPM

- Alarms

- View current & historical alarms present
- History of last 20 alarms and events with time and date stamps
- DM1 & DM2: View current engine codes (SPN/FMI)

CPS 400-200 KoD MP T4F

XC 2003 Controller



The CPS 400-200 KoDMP instrument package includes fully diagnostic ECU controller with large 3.5" display. The intuitive XC2003 controller is easy to operate with all functions conveniently at your fingertips. The controller also manages the engine ECU operating system, and a number of safety warnings, shut downs on various parameters (listed below) and full digital pressure control with Multi Pressure regulating system.

CPS 400-200 KoD MP T4F

XC2003 Controller Functionality:

- Displayed while running
 - Hours
 - Fuel level
 - RPM
 - Outlet pressure
- Compressor measurements displayed
 - Running hours
 - Fuel level
 - Clock
 - Battery voltage
 - Running hours
 - Regulating pressure
 - Emergency stop count
 - Average fuel consumption
 - Minor and major service counters in hours and days
- Warnings and Shutdowns
 - High temperature engine coolant
 - High temperature compressor oil
 - Engine oil pressure
 - Low fuel level
 - Low coolant
- Settings
 - Reset service timers
 - Diagnostics for engine ECU
 - Language settings
 - Unit of measure changes
 - Electronic pressure adjustment (**MP**)
 - Pre-setting two pressure settings (**high/low**)
- Operational Buttons
 - Start and stop of the unit
 - View measurements, settings and alarms
 - Multi position cursor to navigate menus
- Engine measurements displayed
 - Fuel consumption per hour tally
 - Engine coolant temperature
 - Engine oil pressure
 - Engine RPM
- Alarms
 - View current & historical alarms present
 - History of last 20 alarms and events with time and date stamps
 - DM1 & DM2: View current engine codes (SPN/FMI)

Bodywork

Hard Hat™: Our Hard Hat™ version comes standard with dual wall, 0.2” thick, Polyethylene material providing superior corrosion, and UV protection against fading and discoloration. As well as unmatched dent and damage resistance. The canopy is sound attenuated to meet the most current legal noise requirements. A clamshell style hood offers easy service access to all components.

Undercarriage & Frame

The **400 Series KoD T4F** compressor is available with two undercarriage alternatives, providing utmost flexibility in installation or towing requirements.

- Single axle trailer setup with:
 - DOT approved light package
 - Adjustable height pintle hitch (3” lunette)
 - 5,200 lbs torsional axle
 - 15” Rims w/ ST225/75D15 8 Ply Tires (weight rating 2,540 lbs @ 65psi)
 - Electric trailer brakes as standard (with 7 pin flat blade connector)
 - 750lbs Jockey Wheel
 - Tongue weight 415 lbs
- Fixed support mount with:
 - DOT approved side and rear light reflectors
 - Built in forklift pockets

Factory Options Available

- Support Mount (Skid)
 - Forklift Pockets
 - Skid Plate Stand
 - Extra Ball Couplings
 - Aftercooler, water separator with UD filters
 - Condensate Flashing
 - Battery Cut-Off Switch
 - Solar Battery Charger
 - Telematics
 - Block Heater
 - Toolbox
 - Synthetic Compressor Oil
 - Air Inlet Shut-Down Valve
 - External Fuel Tank Connections
 - Fire Extinguisher
 - Hose Reel
- Provides a solid foundation for units to remain stationary on the job site.
 - Provides a sturdy lifting point for safe and easy unit mobility via forklifts.
 - Provides a front support leg to help keep the unit stationary.
 - Provides towing vehicle flexibility with the additional hitch options.
 - Provides cool, dry, clean air for applications where instrument quality air is required.
 - Keeps a clean environment by evaporating aftercooler filter drainage in the exhaust to prevent oil puddling under the unit.
 - Allows the power supply to be cut off from the unit to save battery power when the unit is turned off without the need of tools.
 - Ensures a constantly charged battery through clean solar power.
 - Always know the location and condition of the unit from anywhere in the world.
 - Ensures the unit will start in cold conditions
 - Provides a secure location to store tools needed for the job
 - Ensures the unit will start in cold conditions
 - Automatically shut the engine down by cutting off the inlet air supply during unforeseen over speeding situations.
 - Connect to an external fuel supply for a larger reserve of fuel.
 - Provides the ability to fight small fires no matter the cause.
 - Provides preinstalled, long reach hoses that roll up for easy storage and transport.
-

Manufacturing & Environmental Standards

The **400 Series KoD T4F** is manufactured following stringent ISO 9001 regulations, and a fully implemented Environmental Management System fulfilling ISO 14001 requirements.

Attention has been given to ensure minimum negative impact to the environment.

The **400 Series KoD T4F** meets all current EPA and Environment Canada exhaust and noise emission directives.

Supplied Documentation

The unit is delivered with documentation regarding:

- Hard copies of the Chicago Pneumatic Operators Safety and Instruction Manual, Kohler Engine Manual and Parts book, as well as electronic copies, available upon request.
- Warranty Registration card for Kohler Engine and Chicago Pneumatic Compressor (Units must be registered upon receipt).
- Test certificate for air delivery pressure and capacity, acc. ISO 1217 (Upon request only).
- Certificate for air/oil separator vessel and safety valve approval, ASME (Upon request only).

Warranty Coverage

- Kohler Diesel engine: Kohler Co. warrants to the original consumer that each new engine will be free from manufacturing defects in materials and workmanship in normal service for a period of one (1) year from date of purchase provided it is operated and maintained in accordance with Kohler Co.'s instructions and manuals.
- **Chicago Pneumatic Compressor:** Warrantied to be free from defects with regard to material and workmanship for the period of eighteen (18) months from date of shipment from the factory, or twelve (12) months from date of initial start-up, whichever occurs first, without limitation of running hours.

Air compressor element assemblies used in Chicago Pneumatic portable air compressors, is warranted to be free from defects with regard to materials and workmanship for the period of thirty (30) months from date of shipment from the factory, or twenty four (24) months from date of initial start up, whichever occurs first, without limitation of running hours. Chicago Pneumatic service kits including parts and oils (OEM Oil's) must be used to maintain warranty. Failure to register warranty upon initial start-up may cause warranty claim delays or rejection of claims.

<p>PRODUCT: Portable Compressors</p>	<p>EXTENDED WARRANTY PERIOD*: 24 months from date of end of initial standard warranty term. For the compressor's air system **, the warranty period is an additional 96 months from the end of the 24 month extended warranty term. For the engine, see Footnote 1 below.</p>
<p>* Requirements for Extended Warranty;</p> <ul style="list-style-type: none"> · Service maintenance must be completed according to published intervals while utilizing genuine Chicago Pneumatic parts and lubricants. Record of such maintenance must be entered onto Machines Online for the specific serial number and include all required information including date service performed, service interval performed, and part numbers used. · Oil sample (engine or compressor) to be taken at any time of failure and available upon request <ul style="list-style-type: none"> · Oil sample kit part number 9753300442 available for purchase · Unit must be available for onsite inspection by a representative of Power Technique North America if required · Unit must be available for transport to a Power Technique North America service center location if required · Failed components must be retained and available for return and inspection if required 	
<p>** Air end system component exclusions: Electrical components (i.e. Sensors, wiring), Perishable items (i.e. Rubber, plastics), Wear and air regulation items (i.e. Check valves, couplings)</p>	
<p>Note: End users are authorized to complete the required preventative maintenance utilizing genuine parts and lubricants purchased from an authorized dealer. Service maintenance recorded into Machines Online are to be completed by the authorized dealer where products purchased or another authorized dealer after providing proof of purchase for genuine parts and fluids utilized..</p>	
<p>Note: Equipment/machinery/components/Accessories/parts/items sold by SELLER but not manufactured by SELLER or an affiliate (including but not limited to a Product's engine, alternator, tires, battery, carrier, electrical equipment, and hydraulic transmission, if applicable) are not warranted by SELLER and shall carry whatever warranty (if any) which the manufacturer has conveyed to SELLER to the extent it can be passed on to the purchaser.</p>	