



# Chicago Pneumatic



**People.  
Passion.  
Performance.**

**Portable Diesel Compressors**  
Built for Reliable Performance

# POWER WHERE AND WHEN YOU NEED IT

**A portable compressor has one job:** to deliver power where and when it's needed. Chicago Pneumatic portable compressors are built to do that job well. We offer a full range of sizes to power a variety of applications, all designed for jobsite-tough durability and long-lasting performance. These models are easy to maintain, manoeuver and operate, including a straightforward control panel that helps you get right to work.





# Designed and Built for Reliable Performance

When you need portable jobsite power, you can count on Chicago Pneumatic compressors. Every model in the line shares the same robust German design, packed with features for reliability, flexibility and productivity on the job.

#### CENTRAL CONTROL PANEL

Convenient, straightforward controls are easy for operators to use

#### STURDY DESIGN

Ensures long-term reliability and durability

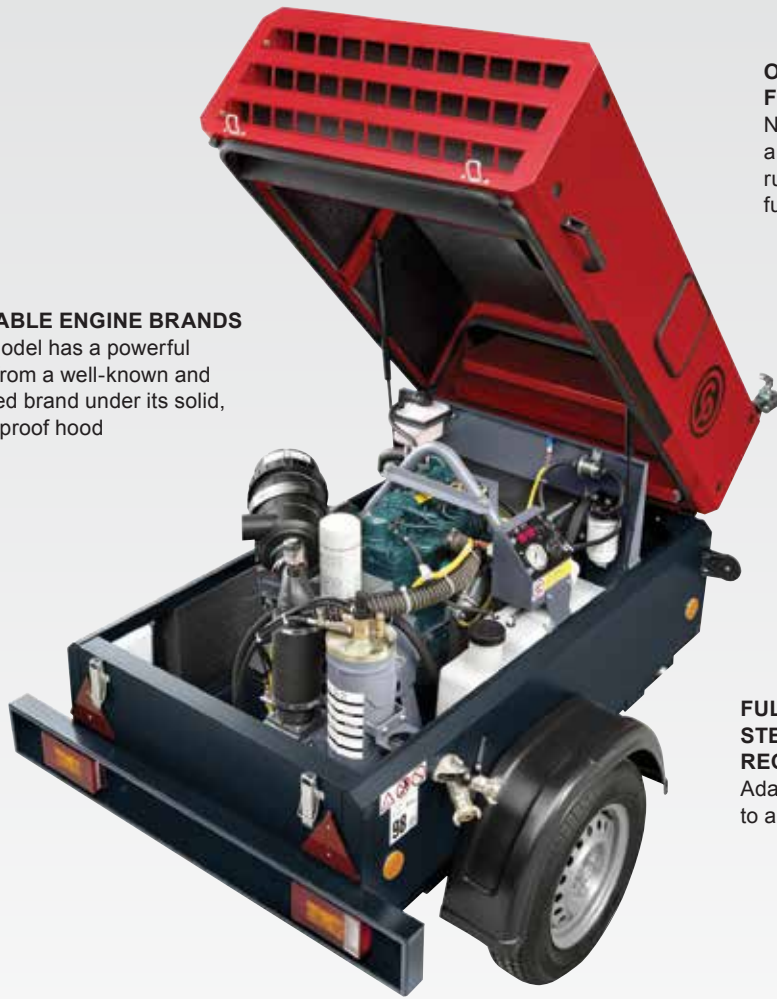
#### RELIABLE SCREW ELEMENT TECHNOLOGY

Asymmetric rotors allow for increased efficiency



**REPUTABLE ENGINE BRANDS**

Every model has a powerful engine from a well-known and respected brand under its solid, weatherproof hood

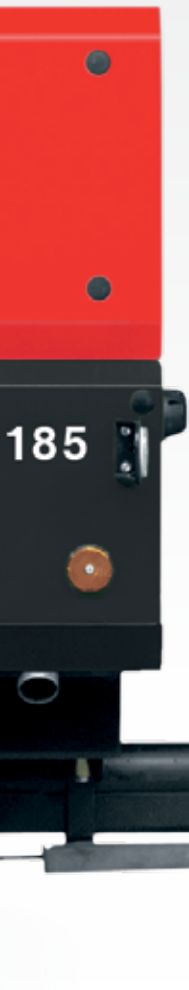


**OUTSTANDING FUEL CAPACITY**

No need to refuel during a work shift, even when running non-stop at full load

**FULLY AUTOMATIC STEP-LESS SPEED REGULATOR**

Adapts engine speed to air demand



**MANOEUVRABILITY**

A variety of options make it easy to transport and position the compressor where you need it. Undercarriages are available in braked or non-braked versions with an adjustable or fixed tow bar. A jockey wheel, leg support and several towing eye options are also available.

# General Construction Applications



From residential and commercial construction to demolition and road maintenance, these compressors deliver the power and durability you need for day-to-day construction jobs.

**APPLICATIONS:** All of these models are well suited for general site work, road maintenance, general rental/hire, and other 1- and 2-breaker compressor applications. Models CPS 185 and 275 are also used for small abrasive blasting jobs, handheld pneumatic tools, shotcrete pumping, and up to 3-breaker compressor applications.

**UNDERCARRIAGE AND TRANSPORT OPTIONS:**

- Non-braked undercarriage available with height adjustable tow bar (model 90)
- Braked undercarriage available with height adjustable tow bar (models 130, 185 and 275)



**UP TO 275CFM (102PSI) DIESEL COMPRESSORS**

	CPS 90	CPS 130	CPS 185	CPS 275
<b>Airflow according to ISO1217 at Working Pressure</b> cfm (m3/min)	90 (2.5)	130 (3.5)	185 (5.3)	270 (7.6)
<b>Working Pressure</b> psi (bar)	102 (7)	102 (7)	102 (7)	102 (7)
<b>Max./Min. Working Speed</b> rpm	3000-2400	2400-1850	2750-1850	2400-1800
<b>Fuel Tank Capacity</b> US gal (l)	8.5 (32)	21.1 (80)	21.1 (80)	34.3 (130)
<b>Air Outlet Valves: qty x size</b> inches	2xG3/4	2xG3/4	3xG3/4	3xG3/4 + 1xG1 1/2
<b>Dimensions &amp; Weight (with full fuel tank)</b>				
<b>Max. Length with Horizontal Tow Bar</b> mm	112 (2852)	125 (3181)	125 (3181)	168 (4260)
<b>Width</b> inches (mm)	52 (1310)	55 (1400)	55 (1400)	65 (1655)
<b>Height</b> inches (mm)	47 (1205)	50 (1280)	50 (1280)	58 (1475)
<b>Operational Weight</b> lb (kg)	1226 (556)	2116 (960)	2116 (960)	3197 (1450)
<b>Engine</b>				
<b>Manufacturer</b>	Kubota	Deutz	Deutz	Deutz
<b>Coolant</b>	GenCool	Oil/Air	Oil/Air	Oil/Air
<b>Engine Type</b>	D1105	F3M2011	F3M2011	B4FM2011
<b>Cylinders</b>	3	3	3	4
<b>Output at Nominal Speed</b> HP (kW)	24 (18.2)	44 (32.5)	48 (36)	79 (58)



# Drilling and Blasting Applications

The CPS 375 offers CP durability and power in a larger size for more demanding construction and maintenance applications. They're perfect for sandblasting applications and quarrying tools such as pneumatic block cutters and rock drills.

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

## **UNDERCARRIAGE:**

- Braked undercarriage available with height adjustable tow bar

## **ADDITIONAL FEATURES:**

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





# Special Applications



Chicago Pneumatic offers a 175-psi variant for special applications such as fiber optic cabling. The higher working pressure allows the CPS 375-12 to push cabling through longer pipeline distances without losing pressure due to friction in the line.

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

**UNDERCARRIAGE:**

- Braked undercarriage with adjustable tow bar

**ADDITIONAL FEATURES:**

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



**UP TO 375CFM (175PSI) DIESEL COMPRESSORS**

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



# The Right Combination for the Right Job



The following chart provides a reference for popular Chicago Pneumatic tools and the corresponding compressor size required.

TOOL AND COMPRESSOR SELECTION GUIDE	CPS 90	CPS 130	CPS 185	CPS 275	CPS 375
CP 1210 SVR Breaker	1	2	3	4	6
CP 1230 SVR Breaker	1	1	2	4	5
CP 1240 SVR Breaker	1	1	2	3	4
FL 0022 SVR Clay Digger	1	2	4	5	8
CP 0016 Chipping Hammer	3	5	7	10	15
CP 0022 Rock Drill	1	2	4	5	8
CP 0032 Rock Drill	–	1	1	2	3
CP 0069 Rock Drill	–	–	1	2	3
CP 0010 Pump	–	1	1	2	3
CP 0020 Pump	–	1	1	2	3

## Portable Diesel Compressor Options

Choose from a range of available options to customise your compressor for specific applications and jobsite requirements.

- Undercarriage
  - Adjustable tow bar (CPS90)
  - Adjustable towbar with over run brakes (Models CPS130 and above)
- Towing eye
- Tow bar support
- Roadsignalisation
- Aftercooler
  - Aftercooler + water separator (Models CPS 130 and higher)

## Parts and Accessories for Your Peace of Mind

Trust Chicago Pneumatic for all the quality parts and lubricants you need to extend the life of your compressor and eliminate the risk of costly breakdowns.

Choose from a full selection of lubricants, coolants and maintenance kits — which save time and worries by providing all the parts you need for scheduled maintenance in one box.



LUBRICANTS FOR ALL MODELS	Size	Part Number
GENOIL – 5W40 Cold Start Engine Oil	5 Liter Can	1626 2258 00
GENOIL – 5W40 Cold Start Engine Oil	20 Liter Can	1626 2259 00
GENOIL – 15W40 Standard Engine Oil	5 Liter Can	1626 2262 00
GENOIL – 15W40 Standard Engine Oil	20 Liter Can	1626 2263 00
GENOIL – M Standard Compressor Oil	5 Liter Can	1626 2260 00
GENOIL – M Standard Compressor Oil	20 Liter Can	1626 2261 00
GENOIL – S Cold Start Compressor Oil	20 Liter Can	1630 001 7500

COOLANTS FOR CPS 90, 375 AND 375-12	Size	Part Number
Gencoool EG	5 Liter Can	1626 2255 00
Gencoool EG	20 Liter Can	1626 2256 00
Gencoool Concentrate	5 Liter Can	1626 2257 00

MAINTENANCE KITS	Every 250 Hours	Every 500 Hours or Yearly	Every 1,000 Hours or Two Years
CPS 90	1625 0010 41	1625 0010 42	1625 0010 42 + 1625 0010 56
CPS 130	–	1625 0010 44	1625 0010 44 + 1625 0010 57
CPS 185	–	1625 0010 44	1625 0010 44 + 1625 0010 57
CPS 275	–	1625001060	1625001061
CPS 375	–	1625 0010 47	1625 0010 52 + 1625 0010 58
CPS 375-12	–	1625 0010 49	1625 0010 54 + 1625 0010 58



## Over 100 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.