



Chicago Pneumatic



High-efficiency multi-step fuel filtration with water separator

High-efficiency air filter



User-friendly instrument panel with mechanical controls



Large cooling surface for optimal use in high temperature environments

Robust single or double axle undercarriage

Galvanized, powder coated canopy

Additional Features

- Reputable engine brands
- Latest screw element technology with asymmetric rotors
- Low noise level
- Fuel autonomy: No need to refuel during a workshift, even when running non-stop at full-load
- Fully automatic step-less speed regulator that adapts engine speed to air demand

Options

- After cooler and water separator
- Heavy duty air intake filter for compressor and diesel engine
- Full ASME, MOM, AS1210 approval
- Cold weather pack for operating in temperatures below -10°C

**People.
Passion.
Performance.**

Portable Diesel Driven Compressors

Chicago Pneumatic compressors are reliable, flexible, easy to maintain and simple to use.



MODELS	CPS90	CPS130	CPS185	CPS275	CPS400	CPS350-10	CPS350-12	CPS850
Pressure bar (psi)	7 (100)	7 (100)	7 (100)	7 (100)	7 (100)	10 (150)	12 (170)	7 (100)
Free Air Delivery l/s cfm m³/min	42 88 2.5	58 124 3.5	88 187 5.3	132 279 7.9	200 424 12	173 367 10.4	167 353 10	398 844 23.9
Minimum Engine Speed rpm	2,400	1,850	1,850	1,400	1,500	1,500	1,500	1,400
Maximum Engine Speed rpm	3,000	2,400	2,750	2,000	2,300	2,300	2,300	2,200
Compressor Oil Capacity l (US gal)	5.5 (1.5)	8.8 (2.3)	8.8 (2.3)	20 (5.3)	24 (6.3)	24 (6.3)	24 (6.3)	60 (15.9)
Air Outlet Valves	2xG ^{3/4} "	2xG ^{3/4} "	3xG ^{3/4} "	1xG1 ^{1/2} " + 3xG ^{3/4} "	1xG1 ^{1/2} " + 3xG ^{3/4} "	1xG1 ^{1/2} " + 3xG ^{3/4} "	1xG1 ^{1/2} " + 3xG ^{3/4} "	1xG2" + 1xG ^{3/4} "
ENGINE								
Engine Brand	Kubota	Deutz	Deutz	Cummins	Cummins	Cummins	Cummins	Cummins
Engine Type	D1105	F3M2011	F3M2011	4BT3.9-C80	4BTA3.9-C130	4BTA3.9-C130	4BTA3.9-C130	6CTAA8.3-C240
Engine Power kW (hp)	18.2 (24)	32.5 (44)	36 (48)	60 (80)	97 (130)	97 (130)	97 (130)	179 (240)
Engine Cooling	GenCool	Oil / Air	Oil / Air	GenCool	GenCool	GenCool	GenCool	GenCool
Electrical System V	12	12	12	24	24	24	24	24
Engine Oil Capacity l (US gal)	5.1 (1.3)	6.5 (1.7)	6.5 (1.7)	9 (2.4)	9 (2.4)	9 (2.4)	9 (2.4)	19 (5.0)
Fuel Tank Capacity l (US gal)	32 (8.5)	80 (21.1)	80 (21.1)	185 (48.9)	185 (48.9)	185 (48.9)	185 (48.9)	350 (92.5)
Fuel Autonomy @ 100% load hr	8	16	12	15	10	10	10	11
DIMENSIONS								
Length with horizontal towbar mm (in)	2,852 (112)	3,181 (125)	3,181 (125)	3,651 (144)	3,651 (144)	3,651 (144)	3,651 (144)	4,550 (179)
Length with vertical towbar mm (in)	2,100 (83)	2,300 (91)	2,300 (91)	2,862 (113)	2,862 (113)	2,862 (113)	2,862 (113)	3,525 (139)
Width mm (in)	1,310 (52)	1,400 (55)	1,400 (55)	1,790 (70)	1,790 (70)	1,790 (70)	1,790 (70)	1,770 (70)
Height mm (in)	1,205 (47)	1,280 (50)	1,280 (50)	1,908 (75)	1,908 (75)	1,908 (75)	1,908 (75)	2,292 (90)
Operational weight kg (lb)	556 (1,226)	960 (2,116)	960 (2,116)	1,500 (3,307)	1,680 (3,704)	1,680 (3,704)	1,680 (3,704)	3,500 (7,716)

MODELS	CPS830-9	CPS750-10	CPS650-12	CPS580-14	CPS900-10	CPS800-12	CPS820-17	CPS770-21
Pressure bar (psi)	8.6 (125)	10 (150)	12 (170)	14 (200)	10 (150)	12 (170)	17 (250)	21 (300)
Free Air Delivery l/s cfm m³/min	387 819 23.2	337 713 20.2	307 650 18.4	268 569 16.1	417 883 25	383 812 23	385 816 23.1	363 770 21.8
Minimum Engine Speed rpm	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Maximum Engine Speed rpm	2,100	2,200	2,200	2,200	2,000	2,000	2,000	2,000
Compressor Oil Capacity l (US gal)	60 (15.9)	60 (15.9)	60 (15.9)	60 (15.9)	65 (17.2)	65 (17.2)	75 (19.8)	75 (19.8)
Air Outlet Valves	1xG2" + 1xG ^{3/4} "	1xG2" + 1xG ^{3/4} "	1xG2" + 1xG ^{3/4} "	1xG2" + 1xG ^{3/4} "	1xG2" + 1xG ^{3/4} "	1xG2" + 1xG ^{3/4} "	1xG2" + 1xG ^{3/4} "	1xG2" + 1xG ^{3/4} "
ENGINE								
Engine Brand	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Engine Type	6CTAA8.3-C240	6CTAA8.3-C240	6CTAA8.3-C240	6CTAA8.3-C240	6LTA8.8-C315	6LTA8.8-C315	6LTA8.8-C315	6LTA8.8-C315
Engine Power kW (hp)	179 (240)	179 (240)	179 (240)	179 (240)	232 (311)	232 (311)	232 (311)	232 (311)
Engine Cooling	GenCool	GenCool	GenCool	GenCool	GenCool	GenCool	GenCool	GenCool
Electrical System V	24	24	24	24	24	24	24	24
Engine Oil Capacity l (US gal)	19 (5.0)	19 (5.0)	19 (5.0)	19 (5.0)	28 (7.4)	28 (7.4)	28 (7.4)	28 (7.4)
Fuel Tank Capacity l (US gal)	350 (92.5)	350 (92.5)	350 (92.5)	350 (92.5)	495 (130.8)	495 (130.8)	512 (135.3)	512 (135.3)
Fuel Autonomy @ 100% load hr	11	11	11	11	12	12	13	13
DIMENSIONS								
Length with horizontal towbar mm (in)	4,550 (179)	4,550 (179)	4,550 (179)	4,550 (179)	5,260 (207)	5,260 (207)	5,260 (207)	5,260 (207)
Length with vertical towbar mm (in)	3,525 (139)	3,525 (139)	3,525 (139)	3,525 (139)	4,210 (166)	4,210 (166)	4,210 (166)	4,210 (166)
Width mm (in)	1,770 (70)	1,770 (70)	1,770 (70)	1,770 (70)	1,800 (71)	1,800 (71)	1,800 (71)	1,800 (71)
Height mm (in)	2,292 (90)	2,292 (90)	2,292 (90)	2,292 (90)	2,631 (104)	2,631 (104)	2,631 (104)	2,631 (104)
Operational weight kg (lb)	3,500 (7,716)	3,500 (7,716)	3,500 (7,716)	3,500 (7,716)	4,600 (10,141)	4,600 (10,141)	5,200 (11,464)	5,200 (11,464)

To learn more about Chicago Pneumatic and the product range, visit www.cp.com.