

CPRC/CPRD

Professional Piston Compressors - 1.5-10 kW/2-15 hp



People.
Passion.
Performance.



Chicago
Pneumatic

CPRC/CPRD PROFESSIONAL PISTON COMPRESSORS

Whether you are a professional or a DIY enthusiast, you want your piston compressor to be easy to use, easy to move and always reliable. The CPRC/CPRD range from CP gives you all of these qualities... and much more. Powerful and efficient, the CPRC/CPRD is the get-it-done compressor for occasional and frequent pneumatic jobs.



POWERFUL

- Strong, reliable pump with a long lifetime
 - High-efficiency motor
 - Large flywheel for optimal cooling



EASY TO MOVE & USE

- Compact and lightweight design
- Anti-vibration pad under front feet
 - Strong rear wheels
 - Easy oil check and refilling



A complete range



CPRC (10 BAR; 27-50L)

The CPRC is built for DIY users who need compressed air only occasionally. This single-stage belt-driven piston compressor is mounted on a small tank.



CPRC (10 BAR; 90-270L)

The belt-driven, single-stage CPRC is a great solution for small workshops. Its outstanding reliability, combined with low noise levels, allows it to deliver a strong performance when and where needed.



CPRD (11 & 15 BAR)

The CPRD is a two-stage compressor that offers professional users higher performance, air flows and pressures. The 11-bar version is ideal for higher power production purposes. The 15-bar compressor is an excellent solution for high-pressure applications.

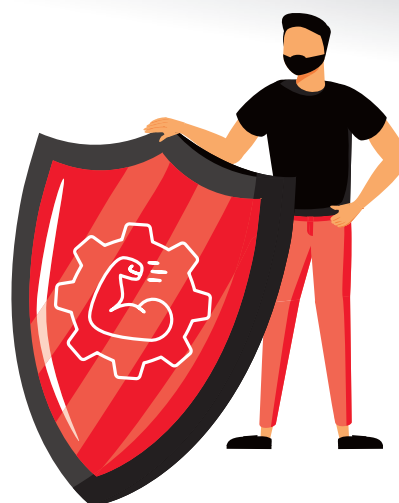


Compressed air made easy

The CPRC/CPRD range is designed to simplify your life. From its compact size and its excellent mobility to its outstanding ease of operation, the entire series makes producing compressed air effortless. We also put special emphasis on safety to ensure that you are protected and comfortable when operating your CPRC/CPRD.

Made to last

Workshops rarely offer ideal conditions for machinery. They can be dusty and dirty, which is why you need a compressor you can depend on. That is why we built the CPRC/CPRD series extra tough. With CE-approved and certified components, a high-efficiency motor and a durable pump with a long lifetime, your CP piston compressor will serve as a trusted companion and give you many years of dependable performance.



A flexible offer

Avid hobbyists have very different compressed air needs than professional workshops or small production facilities. By offering different models, sizes and configurations, CP makes it easy to find the CPRC/CPRD that is the optimal fit for you.



Mobile and stationary units available



Choose between vertical and horizontal receiver tanks of different sizes (27-500 liters)



Power ranges from 2-15 hp



Low and high-pressure variants

CPRC/CPRD PROFESSIONAL PISTON COMPRESSORS



CPRC (10 bar; 27-50L)

The dependable compressor for DIYers

- ① Proven, reliable pump gives you a long compressor lifetime
- ② Easy unit control thanks to a pressure-reducing cap with pressure gauge
- ③ Anti-vibration pad under the front feet provides stability and reduces noise
- ④ Metal belt guard safeguards operators by protecting all moving parts
- ⑤ Long aftercooler pipe achieves better air cooling performance
- ⑥ A compact and lightweight design makes it easy to use and move

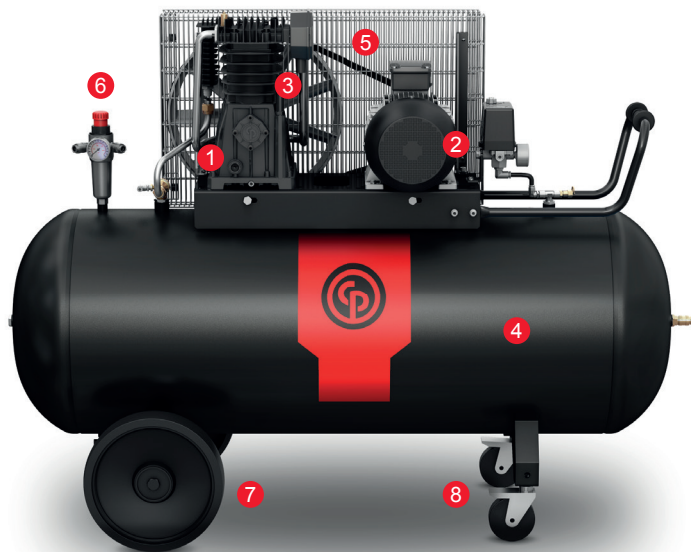
CPRC (10 bar; 90-270L)

The flexible compressor for professionals

- ① Air outlet with quick coupling and integrated condensate separator
- ② Robust metal belt guard protects all moving parts and ensures user safety
- ③ Cast iron cylinder
- ④ Easy oil check and refilling
- ⑤ Durable pump with low rotation speed
- ⑥ Mobile up to 270 liters
- ⑦ Large ventilation fan
- ⑧ Mono- and three-phase motors



MOBILE UNITS

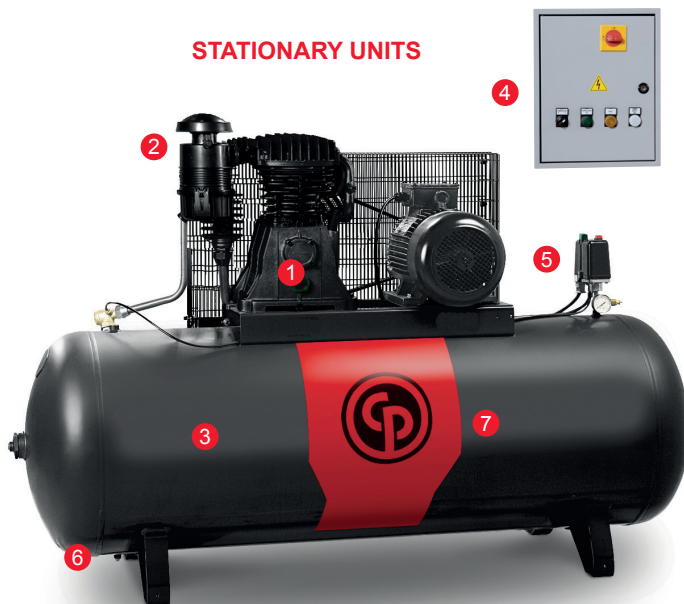


CPRD (11 & 15 bar)

A top performance compressor for professionals with high demands

- ① Cast iron cylinder offers durability and reliability
- ② Three-phase motor
- ③ Large ventilation fan improves cooling performance
- ④ Suitable for high-pressure applications (e.g. HGV or tractor tires)
- ⑤ Robust steel belt guard
- ⑥ Condensate separator with two quick couplings for usage flexibility
- ⑦ Strong rear wheels ensure easy transport
- ⑧ Two front pivot wheels with brakes offer better maneuverability

STATIONARY UNITS



- ① Increased lifetime and lower noise levels thanks to large, twin-stage pump with low rotation speed and large oil crankcase
- ② Sound-insulating, heavy duty inlet air filter offers an improved, quiet performance
- ③ Large capacity tank stores more air and allows the CPRD to handle more demanding applications
- ④ Cubicle with main switch and star-delta starter reduces current peaks
- ⑤ High-quality pressure switch guarantees smooth operation in any conditions
- ⑥ Fast and simple condensate drain
- ⑦ Easy to service and low maintenance costs

A twin-stage piston pump allows the CPRD to reach a maximum pressure of 15 bar, which is important for applications such as HGV/tractor service stations. The 15-bar model with a vertical receiver is also the ideal solution for customers with limited floor space because the higher pressure allows you to store more air.

CPRC/CPRD PROFESSIONAL PISTON COMPRESSORS

CPRC (10 bar; single-stage)

DESCRIPTION	POWER		TANK	PRES-SURE	PUMP	PUMP RPM	DISPLACE-MENT		NOISE	VOLTAGE	DIMENSIONS	WEIGHT	START
	HP	kW	L	bar	type	min ⁻¹	l/min	m ³ /h	Lp(4m)	V/ph/Hz	LxWxH	KG	DOL/YD
CPRC 250 NS12 MS	2	1.5	50	10	NS12	1075	255	15.3	73	230/1/50	840x395x730	52	DOL
CPRC 250 NS12 MT	2	1.5	50	10	NS12	1075	255	15.3	73	400/3/50	840x395x730	52	DOL
CPRC 290 NS12 MS	2	1.5	90	10	NS12	1075	255	15.3	73	230/1/50	970x490x850	56	DOL
CPRC 290 NS12 MT	2	1.5	90	10	NS12	1075	255	15.3	73	400/3/50	970x490x850	56	DOL
CPRC 227 NS12S MS	2	1.5	27	10	NS12S	1075	255	15.3	73	230/1/50	860x360x740	43	DOL
CPRC 227 NS12S MT	2	1.5	27	10	NS12S	1075	255	15.3	73	400/3/50	860x360x740	43	DOL
CPRC 250 NS12S MS	2	1.5	50	10	NS12S	1075	255	15.3	73	230/1/50	930x400x760	52	DOL
CPRC 250 NS12S MT	2	1.5	50	10	NS12S	1075	255	15.3	73	400/3/50	930x400x760	52	DOL
CPRC 290 NS12S MS	2	1.5	90	10	NS12S	1075	255	15.3	73	230/1/50	1007x412x879	63	DOL
CPRC 290 NS12S MT	2	1.5	90	10	NS12S	1075	255	15.3	73	400/3/50	1007x412x879	63	DOL
CPRC 390 NS12S MS	3	2.2	90	10	NS12S	1350	320	19.2	73	230/1/50	970x490x850	58	DOL
CPRC 390 NS12S MT	3	2.2	90	10	NS12S	1350	320	19.2	73	400/3/50	970x490x850	58	DOL
CPRC 3150 NS12S MS	3	2.2	150	10	NS12S	1350	320	19.2	73	230/1/50	1380x420x940	95	DOL
CPRC 3150 NS12S MT	3	2.2	150	10	NS12S	1350	320	19.2	73	400/3/50	1380x420x940	95	DOL
CPRC 3200 NS12S MS	3	2.2	200	10	NS12S	1350	320	19.2	73	230/1/50	1430x470x970	121	DOL
CPRC 3200 NS12S MT	3	2.2	200	10	NS12S	1350	320	19.2	73	400/3/50	1430x470x970	121	DOL
CPRC 350 NS19S MS	3	2.2	50	10	NS19S	1050	393	23.6	73	230/1/50	930x400x760	53	DOL
CPRC 350 NS19S MT	3	2.2	50	10	NS19S	1050	393	23.6	73	400/3/50	930x400x760	53	DOL
CPRC 390 NS19S MS	3	2.2	90	10	NS19S	1050	393	23.6	73	230/1/50	1007x412x879	67	DOL
CPRC 390 NS19S MT	3	2.2	90	10	NS19S	1050	393	23.6	73	400/3/50	1007x412x879	67	DOL
CPRC 3150 NS19S MS	3	2.2	150	10	NS19S	1050	393	23.6	73	230/1/50	1380x420x940	96	DOL
CPRC 3150 NS19S MT	3	2.2	150	10	NS19S	1050	393	23.6	73	400/3/50	1380x420x940	96	DOL
CPRC 3200 NS19S MS	3	2.2	200	10	NS19S	1050	393	23.6	73	230/1/50	1430x470x970	121	DOL
CPRC 3200 NS19S MT	3	2.2	200	10	NS19S	1050	393	23.6	73	400/3/50	1430x470x970	121	DOL
CPRC 3270 NS19S MS	3	2.2	270	10	NS19S	1050	393	23.6	73	230/1/50	1670x555x1040	129	DOL
CPRC 3270 NS19S MT	3	2.2	270	10	NS19S	1050	393	23.6	73	400/3/50	1670x555x1040	129	DOL
CPRC 3150 NS19S VS	3	2.2	150V	10	NS19S	1050	393	23.6	73	400/3/50	630x516x1669	111	DOL
CPRC 490 NS19S MT	4	3	90	10	NS19S	1300	486	29.2	76	400/3/50	1007x412x879	67	DOL
CPRC 4200 NS19S MT	4	3	200	10	NS19S	1300	486	29.2	76	400/3/50	1430x470x970	121	DOL
CPRC 4200 NS19S FT	4	3	200	10	NS19S	1300	486	29.2	76	400/3/50	1430x470x970	121	DOL
CPRC 4270 NS19S MT	4	3	270	10	NS19S	1300	486	29.2	76	400/3/50	1670x555x1040	129	DOL
CPRC 4270 NS19S FT	4	3	270	10	NS19S	1300	486	29.2	76	400/3/50	1670x555x1040	129	DOL

M = mobile F = stationary S = single-phase motor T = three-phase motor Y = star-delta start VS = vertical tank

CPRD (11 & 15 bar; two-stage)

DESCRIPTION	POWER		TANK	PRES-SURE	PUMP	PUMP RPM	DISPLACE-MENT		NOISE	VOLTAGE	DIMENSIONS	WEIGHT	START
	HP	kW	L	bar	type	min ⁻¹	l/min	m ³ /h	Lp(4m)	V/ph/Hz	LxWxH	KG	DOL/YD
CPRD 350 NS31 MS	3	2.2	50	11	NS31	1050	444	26.7	71	230/1/50	930x400x760	58	DOL
CPRD 390 NS31 MS	3	2.2	90	11	NS31	1050	444	26.7	71	230/1/50	1007x412x879	70	DOL
CPRD 390 NS31 MT	3	2.2	90	11	NS31	1050	444	26.7	71	400/3/50	1007x412x879	70	DOL
CPRD 390 NS31 MS 15B	3	2.2	90	15	NS31	825	351	21.1	71	230/1/50	1007x412x879	74	DOL
CPRD 3200 NS31 MS	3	2.2	200	11	NS31	1050	444	26.7	71	230/1/50	1430x470x970	130	DOL
CPRD 3200 NS31 MT	3	2.2	200	11	NS31	1050	444	26.7	71	400/3/50	1430x470x970	130	DOL
CPRD 490 NS31 MT	4	3	90	11	NS31	1300	553	33.2	73	400/3/50	1007x412x879	73	DOL
CPRD 490 NS31 MT 15B	4	3	90	15	NS31	984	418	25.1	73	400/3/50	1007x412x879	83	DOL
CPRD 4200 NS31 MT	4	3	200	11	NS31	1300	553	33.2	73	400/3/50	1430x470x970	131	DOL
CPRD 4200 NS31 FT	4	3	200	11	NS31	1300	553	33.2	73	400/3/50	1430x470x970	131	DOL
CPRD 4270 NS31 MT	4	3	270	11	NS31	1300	553	33.2	73	400/3/50	1670x555x1040	135	DOL
CPRD 4270 NS31 FT	4	3	270	11	NS31	1300	553	33.2	73	400/3/50	1670x555x1040	135	DOL
CPRD 690 NS31 MT	5.5	4	90	11	NS31	1400	595	35.7	75	400/3/50	1007x412x879	81	DOL
CPRD 6270 NS31 FT	5.5	4	270	11	NS31	1400	595	35.7	75	400/3/50	1670x555x1040	136	DOL
CPRD 6500 NS31 FT	5.5	4	500	11	NS31	1400	595	35.7	75	400/3/50	1940x600x1315	190	DOL
CPRD 690 NS39 MT	5.5	4	90	11	NS39	1000	653	39.2	75	400/3/50	1007x412x879	91	DOL
CPRD 690 NS39 MT 15B	5.5	4	90	15	NS39	800	522	31.3	75	400/3/50	1007x412x879	91	DOL
CPRD 6150 NS39 MT	5.5	4	150	11	NS39	1000	653	39.2	75	400/3/50	1380x420x940	106	DOL
CPRD 6270 NS39 MT	5.5	4	270	11	NS39	1000	653	39.2	75	400/3/50	1670x555x1040	145	DOL
CPRD 6500 NS39 MT	5.5	4	500	11	NS39	1000	653	39.2	75	400/3/50	1940x600x1315	200	DOL
CPRD 6270 NS39 FT	5.5	4	270	11	NS39	1000	653	39.2	75	400/3/50	1670x555x1040	145	DOL
CPRD 6270 NS39 FT Y	5.5	4	270	11	NS39	1000	653	39.2	75	400/3/50	1670x555x1040	155	YD
CPRD 6500 NS39 FT	5.5	4	500	11	NS39	1000	653	39.2	75	400/3/50	1940x600x1315	200	DOL
CPRD 6500 NS39 FT Y	5.5	4	500	11	NS39	1000	653	39.2	75	400/3/50	1940x600x1315	210	YD
CPRD 6270 NS39 VS	5.5	4	270V	11	NS39	1000	653	39.2	75	400/3/50	835x600x1950	150	DOL
CPRD 6270 NS39 VS 15	5.5	4	270V	15	NS39	800	522	31.3	75	400/3/50	835x600x1950	160	DOL
CPRD 8270 NS39 MT	7.5	5.5	270	11	NS39	1250	827	49.6	82	400/3/50	1670x555x1040	184	DOL
CPRD 8500 NS39 MT	7.5	5.5	500	11	NS39	1250	827	49.6	82	400/3/50	1940x600x1315	210	DOL
CPRD 8270 NS39 FT	7.5	5.5	270	11	NS39	1250	827	49.6	82	400/3/50	1670x555x1040	184	DOL
CPRD 8270 NS39 FT Y	7.5	5.5	270	11	NS39	1250	827	49.6	82	400/3/50	1670x555x1040	194	YD
CPRD 8500 NS39 FT	7.5	5.5	500	11	NS39	1250	827	49.6	82	400/3/50	1940x600x1315	210	DOL
CPRD 8500 NS39 FT Y	7.5	5.5	500	11	NS39	1250	827	49.6	82	400/3/50	1940x600x1315	220	YD
CPRD 8270 NS59S MT	7.5	5.5	270	11	NS59S	750	950	57.0	82	400/3/50	1670x555x1040	194	DOL
CPRD 8500 NS59S MT	7.5	5.5	500	11	NS59S	750	950	57.0	82	400/3/50	1940x600x1315	235	DOL
CPRD 8270 NS59S FT	7.5	5.5	270	11	NS59S	750	950	57.0	82	400/3/50	1670x555x1040	194	DOL
CPRD 8270 NS59S FT Y	7.5	5.5	270	11	NS59S	750	950	57.0	82	400/3/50	1670x555x1040	204	YD
CPRD 8500 NS59S FT	7.5	5.5	500	11	NS59S	750	950	57.0	82	400/3/50	1940x600x1315	235	DOL
CPRD 8500 NS59S FT Y	7.5	5.5	500	11	NS59S	750	950	57.0	82	400/3/50	1940x600x1315	245	YD
CPRD 10270 NS59S MT	10	7.5	270	11	NS59S	900	1130	67.8	82	400/3/50	1670x555x1040	175	DOL
CPRD 10500 NS59S MT	10	7.5	500	11	NS59S	900	1130	67.8	82	400/3/50	1940x600x1315	240	DOL
CPRD 10270 NS59S FT	10	7.5	270	11	NS59S	900	1130	67.8	82	400/3/50	1670x555x1040	175	DOL
CPRD 10270 NS59S FT Y	10	7.5	270	11	NS59S	900	1130	67.8	82	400/3/50	1670x555x1040	185	YD
CPRD 10500 NS59S FT	10	7.5	500	11	NS59S	900	1130	67.8	82	400/3/50	1940x600x1315	240	DOL
CPRD 10500 NS59S FT Y	10	7.5	500	11	NS59S	900	1130	67.8	82	400/3/50	1940x600x1315	270	YD
CPRD 15500 NS59S FT	15	11	500	11	NS59S	1100	1390	83.4	82	400/3/50	1940x600x1315	297	DOL
CPRD 15500 NS59S FT Y	15	11	500	11	NS59S	1100	1390	83.4	82	400/3/50	1940x600x1315	307	YD
CPRD 15500 NS59S MT	15	11	500	11	NS59S	1100	1390	83.4	82	400/3/50	1940x600x1315	297	DOL

M = mobile F = stationary S = single-phase motor T = three-phase motor Y = star-delta start VS = vertical tank

