

GB Operating Instructions
Compressor

**POWER
CRAFT**



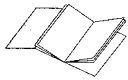
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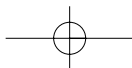
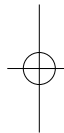
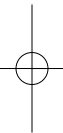
Art.-Nr.: 40.072.80

I.-Nr.: 01014

PCC 210/8/24



Ⓢ Please pull out page 2





Note the directions for use!



Beware of hazardous electrical voltage!



Beware of hot surfaces!



Ear muffs!

GB**General safety instructions**

Important! The following basic safety precautions have to be taken when using this compressor in order to guard against the risk of electric shock, injury and fire. Read and note these instructions before you use the compressor.

1. **Keep your work area tidy**
- There is a higher risk of accident in an untidy work area.
2. **Make allowance for environmental conditions**
- Never leave the compressor in the rain. Never use the compressor in damp or wet conditions. Provide good lighting. Never use the compressor near combustible liquids or gases.
3. **Protect yourself from electric shocks**
- Avoid physical contact with earthed parts, e.g. pipes, radiators, cookers, refrigerators.
4. **Keep children away!**
- Do not allow other persons to touch the compressor or its cable. Keep them out of your work area.
5. **Keep your compressor in a safe place**
- When the compressor is not being used it should be kept in a dry, locked room out of the reach of the children.
6. **Do not overload your compressor**
- It is better and safer to work within the quoted power range.
7. **Wear suitable work clothes**
- Do not wear loose garments or jewellery. There is a risk of them catching on moving parts. Rubber gloves and non-slip shoes are recommended when working outdoors. Put on a hair net if you have long hair.
8. **Wear goggles**
- Wear a breathing mask when working in dusty conditions.
9. **Never use the cable for any purpose other than that intended**
Never tow the compressor by its cable and never pull the power plug out of the socket by the cable. Protect the cable from heat, oil and sharp edges.
10. **Do not overreach**
- Avoid abnormal postures. Stand squarely and keep your balance at all times.
11. **Look after your compressor**
- Keep your compressor clean so that it works well and reliably. Follow the maintenance instructions. Check the power plug and cable regularly and have them replaced by a specialist if you discover any damage. Check any extension cables regularly and replace if damaged.
12. **Pull out the power plug**
- Whenever the compressor is not being used and before carrying out any maintenance work.
13. **Do not leave any tools on the compressor**
- Before you switch on the compressor, make sure that all wrenches and setting tools have been removed.
14. **Avoid accidental starts**
- Make sure that the switch is turned to OFF before you connect the compressor to the power supply.
15. **Extension cables for outdoor use**
- Use extension cables outdoors only if they are approved and marked accordingly.
16. **Concentrate at all times**
- Watch your work. Be sensible. Do not use the compressor if your mind is not on your work.
17. **Examine your compressor for signs of damage**
- Before you use the compressor again, carefully check its safety devices or any slightly damaged parts to make sure that they are working properly and as intended. Check moving parts to make sure that they are in good working order and are not jammed or damaged. All parts have to be properly fitted in order to be sure of meeting all the machine's requirements. Damaged safety devices and parts have to be repaired or replaced by a customer service workshop unless otherwise stated in this manual. Damaged switches have to be replaced by a customer service workshop. Do not use any tools with a switch that cannot be turned on and off.
18. **Important!**
- For your own safety, use only such accessories and auxiliary equipment as are listed in this manual or which are recommended and specified by the manufacturer. There is a high risk of suffering a serious accident if you use tools or accessories which are not listed in this manual or in the catalogue of recommended tools and accessories.
19. **Have an electrician carry out repairs**
- Repairs are to be carried out only by a qualified electrician. If not, the user may suffer serious accidents.
20. **Connect a dust extraction system**
- If there are facilities for connecting a dust extraction system, check that the system is indeed connected and being used.
21. **Noise**
The machine noise may exceed 85 dB(A) at the workplace. In this case, noise protection measures need to be introduced for the user. **Keep these safety instructions in a safe place.**

Read this manual carefully before putting the compressor into operation!

Technical data	
Power supply	230 V - 50 Hz
Motor rating in kW/h.p.	1,5 / 2
Compressor speed in rpm	2850
Operating pressure in bar	8
Pressure vessel volume in litre	24
Theoretical intake rate in l/min.	210
Sound power level LWA in dB(A)	97
Sound pressure level LPA in dB(A)	87
Protection type	IP 20
Machine weight in kg	31

Points to note when setting up the compressor

- Examine the machine for signs of transit damage. Report any damage immediately to the company retailer or helpline.
- Before you put the compressor into operation, check the oil level in the compressor pump.
- The compressor should be set up near the working consumer.
- Avoid long air lines and long supply lines (extensions) tripping hazard.
- Make sure the intake air is dry and dust-free.
- Do not set up the compressor in damp or wet rooms.
- The compressor may only be used in suitable rooms (with good ventilation and an ambient temperature from +5° to +40°C). There must be no dust, acids, vapors, explosive gases or inflammable gases in the room.
- The compressor is designed to be used in dry rooms. It is prohibited to use the compressor in areas where work is conducted with sprayed water.

Safety instructions for working with compressed air and paint sprayers

Important - Note Health & Safety Regulations in force also No Smoking in work area.

Compressors and lines get hot during operation. Avoid contact! Risk of burns!

Gases or vapours drawn in by the compressor have to be kept free of constituents that may cause fire or explosions inside the compressor.

When you disconnect the hose coupling, hold the coupling element in your hand to prevent injury from the whiplashing hose.

Wear goggles when working with the blow-out gun. Injuries may easily result from foreign bodies and blasted parts.

Never point the blow-out gun at other persons and never use it to clean clothes that are still being worn.

Note the safety instructions for paint spraying!

Important! Note the pertinent accident prevent regulations in force in your area!

- Never process paints or solvents with a flash point below 21°C.
- Never heat paints or solvents.
- Use personal protective equipment including suitable face masks in accordance with paint/solvent manufacturer's instructions. No Smoking. Note also the information concerning safety precautions published by the manufacturers of these liquids.
- No Smoking is prohibited during the spraying operation and in the work room. Paint vapours are highly flammable.
- Make sure there are no open fires or open lights in the work room. Sparking machines are not to be used.
- Do not keep or consume food and drink in the work room. Paint vapours are harmful.
- **Paint Products:** Follow all instructions on use and safety measures in accordance with manufacturer's instructions. Additional protective measures are to be undertaken if necessary, particularly the

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wearing of suitable clothing and masks.

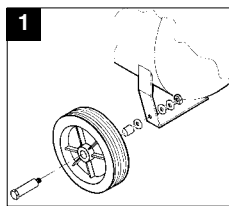
- Always work within Health and Safety requirements.
- Never process media such as white petroleum spirit, butyl alcohol and methylene chloride with the PVC pressure hose (reduced life span).

Operation of pressure vessels in accordance with the pertinent pressure vessel regulations

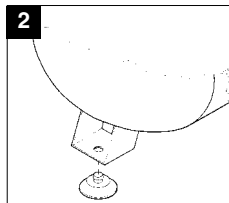
1. An operator of a pressure vessel is required to keep the pressure vessel in good working order, to operate it properly, to supervise its use, to carry out essential maintenance and repair work immediately, and to introduce essential safety measures according to requirements.
2. The supervisory authorities may order essential safeguards from case to case.
3. A pressure vessel may not be operated if it has any defects which constitute a danger to employees or third parties.
4. The pressure vessel must be regularly inspected for damage, e.g. rust. If you discover any damage, then please contact the customer service workshop.

Putting the compressor into operation

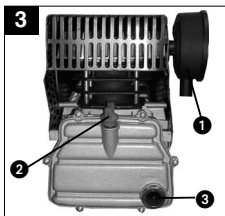
Assembling the wheels (1):
Fit the wheels as shown in Figure 1.



Assembling the rubber buffer
Fit the supplied rubber buffer to the support foot as shown in Figure 2.



Replacing the oil filter and installing the air filter (fig. 3)
Use a screwdriver to remove the oil filler plug and insert the supplied stopper (2) in the opening.
Important! Check the oil level. Screw the air filter (1) into the hole in the side of the compressor pump.

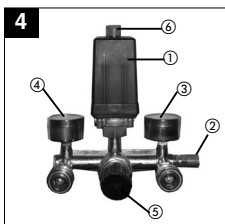


Connecting to the power supply:

The compressor is equipped with a power cable and an earthing-pin plug for connection to any 230 V ~ 50 Hz earthing-contact socket outlet with a 13 A fuse. Long supply lines, extensions, cable reels and similar cause voltage dips and may prevent the motor from starting. Sluggishness makes starting difficult at low temperatures under freezing point (0°C).

Explanation of the compressed air fittings

- 1 Pressure switch
- 2 Safety valve
- 3 Pressure gauge (to indicate the vessel pressure)
- 4 Pressure gauge (to indicate the set pressure)
- 5 Pressure reducing valve (pressure setting)
- 6 On/Off switch



Maintenance and cleaning

● Condensation water

Let out the condensation water daily by opening the drain valve (bottom of the pressure vessel).

● Safety valve

The safety valve is set to the maximum pressure of the pressure vessel. It is prohibited to adjust the safety valve or to remove its lead seal.

● Regular oil level checks

The level of oil has to be visible in the sight-glass between the red check-point mark and the upper edge of the sight-glass.

Changing the oil:

Recommended grade SAE 15W/40 or equivalent.

The first oil change should be carried out after 100 operating hours. Thereafter you should drain the oil and replace it with new oil at intervals of 500 operating hours.

● Changing the oil

Switch off the motor and pull the power plug out of the socket-outlet. After letting off any air pressure you can remove the oil drain plug from the compressor pump by unscrewing. To prevent the oil escaping out of control, hold a small piece of metal guttering underneath the drain plug to direct the oil into a container.

If any oil still remains inside, tilt the compressor a little.

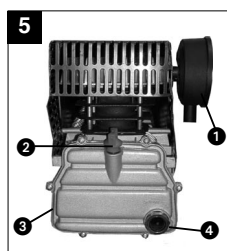
Take the old oil to an official old oil disposal station.

When the old oil has run out, screw the oil drain plug/sight-glass back in place.

Use a screwdriver to remove the cap of the oil filler plug and fill in oil until the level of oil in the sight-glass reaches the red mark.

Then put the cap back on the oil filler plug.

- 1 Filter
- 2 Oil filler plug
- 3 Oil drain plug
- 4 sight-glass



● Cleaning the intake filter

The intake filter prevents dust and dirt being drawn into the machine. This filter has to be cleaned at intervals of no longer than 300 operating hours. A clogged intake filter has a considerable negative effect on the compressor's power.

The filter can be removed as shown in Figure 3. Wash out the filter with petroleum ether and reinsert.

Caution! Wait until the compressor has cooled completely!

Risk of burns!

Setting the pressure switch

The pressure switch is set at the factory.

Switch-on pressure 5 bar
Switch-off pressure 8 bar

Possible causes of machine failure

Overloading of the motor and hence triggering of the overload circuit-breaker may result from:

- An excessively high mains voltage
- Excessively high ambient temperatures and an insufficient air supply
- Defective compressor valves or a leaking non-return valve
- A low level of oil, sluggish connecting rod bearings

Leave a.c. motors enough time to cool off before switching on again. Avoid touching hot components and pipe lines.

Ordering replacement parts

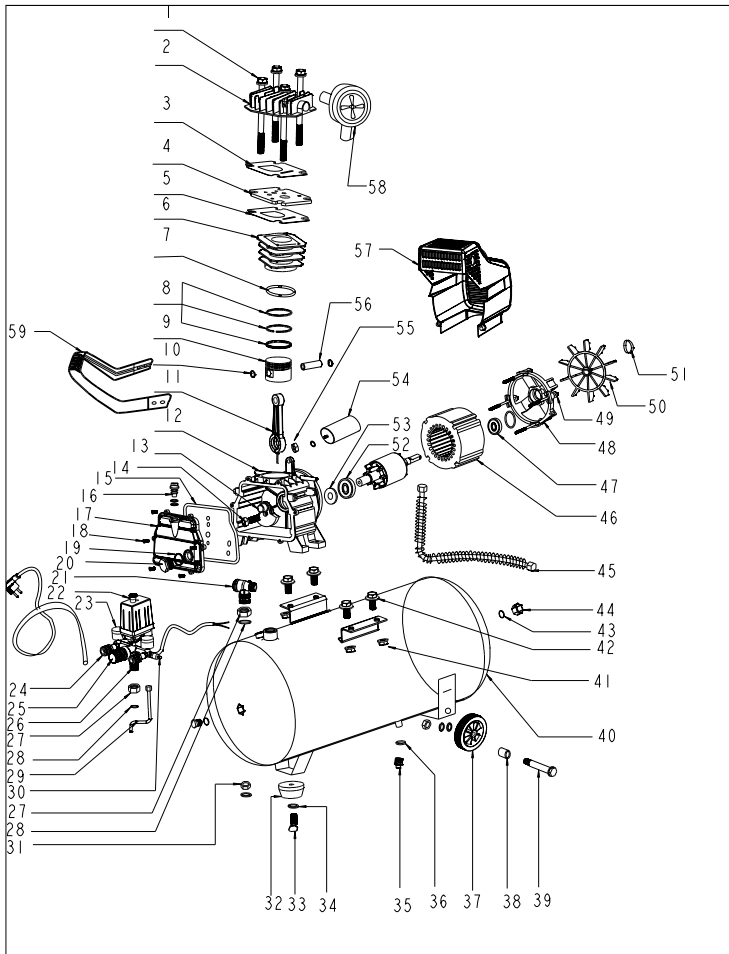
Please quote the following data when ordering replacement parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required

Ersatzteilzeichnung PCC 210/8/24

Art.-Nr.: 40.072.80

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Ersatzteilliste PCC 210/8/24

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Pos.	Bezeichnung	Ersatzteil-Nr.
1	Sechskantschraube M8	40.072.50.07.001
2	Zylinderkopf	40.072.50.07.002
3	Zylinderkopfdichtung	40.072.50.07.003
4	Ventilplatte	40.072.50.07.004
5	Ventilplattendichtung	40.072.50.07.005
6	Zylinder	40.072.50.07.006
7	Zylinderdichtung	40.072.50.07.007
8	Kolbenringset	40.072.50.07.008
9	Kolben	40.072.50.07.009
10	Sicherungsring	40.072.50.07.010
11	Pleuel	40.072.50.07.011
12	Kurbelwellengehäuse	40.072.50.07.012
13	Kurbelwelle	40.072.50.07.013
14	Inbusschraube M8 (links Gewinde)	40.072.50.07.014
15	Gummidichtung	40.072.50.07.015
16	Öleinfüllschraube	40.072.50.07.016
17	Kurbelgehäusedeckel	40.072.50.07.017
18	Schraube M6	40.072.50.07.018
19	Ölsichtglas-Dichtung	40.072.50.07.019
20	Ölsichtglas	40.072.50.07.020
21	Rückschlagventil	40.072.50.07.021
22	Druckschalter	40.072.50.07.022
23	Manometer	40.072.50.07.023
24	Schnellkupplungen	40.072.50.07.024
25	Druckregler	40.072.50.07.025
26	Verteiler	40.072.50.07.026
27	Gegenmutter R 1/2"	40.072.50.07.027
28	Dichtring Ø18x2,4	40.072.50.07.028
29	Entlüftungsleitung	40.072.50.07.029
30	Sicherheitsventil	40.072.50.07.030
31	Mutter M8	40.072.50.07.031
32	Gummifuß	40.072.50.07.032
33	Sechskantschraube M8	40.072.50.07.033
34	Unterlegscheibe	40.072.50.07.034
35	Ablassschraube	40.072.50.07.035
36	Dichtring Ø17x2,5	40.072.50.07.036
37	Rad	40.072.50.07.037
38	Buchse	40.072.50.07.038
39	Radbefestigungsschraube M10	40.072.50.07.039
40	Behälter	40.072.50.07.040

Ersatzteilliste PCC 210/8/24

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Pos.	Bezeichnung	Ersatzteil-Nr.
41	Sicherungsmutter M8	40.072.50.07.041
42	Sicherungsschraube M8	40.072.50.07.042
43	Dichtring Ø18x2,4	40.072.50.07.043
44	Stopfen R 1/2"	40.072.50.07.044
45	Druckleitung	40.072.50.07.045
46	Stator	40.072.50.07.046
47	Kugellager 6203	40.072.50.07.047
48	Motorflansch	40.072.50.07.048
49	Schraube M5	40.072.50.07.049
50	Lüfterrad	40.072.50.07.050
51	Sicherungsring	40.072.50.07.051
52	Kugellager 6204	40.072.50.07.052
53	Dichtring	40.072.50.07.053
54	Kondensator	40.072.50.07.054
55	Mutter M8	40.072.50.07.055
56	Kolbenbolzen	40.072.50.07.056
57	Motorabdeckung	40.072.50.07.057
58	Lüfterfilter	40.072.50.07.058
59	Schubbügel	40.072.50.07.059

ISC GmbH
Eschenstraße 6
D-94405 Landau/Isar

Konformitätserklärung



- D** erklårt folgende Konformität gemäß EU-Richtlinie und Normen für Artikel
- GB** declares conformity with the EU Directive and standards marked below for the article
- F** déclare la conformité suivante selon la directive CE et les normes concernant l'article
- NL** verklaart de volgende conformiteit in overeenstemming met de EU-richtlijn en normen voor het artikel
- E** declara la siguiente conformidad a tenor de la directiva y normas de la UE para el artículo
- P** declara a seguinte conformidade de acordo com a directiva CE e normas para o artigo
- S** förklarar följande överensstämmelse enl. EU-direktiv och standarder för artikeln
- FIN** ilmoittaa seuraavaa Euroopan unionin direktiivien ja normien mukaista yhdenmukaisuutta tuotteelle
- N** erklærer herved følgende samsvar med EU-direktiv og standarder for artikkel
- RUS** заявляет о соответствии товара следующим директивам и нормам ЕС
- HR** izjavljuje sljedeću usklađenost s odredbama i normama EU za artikl.
- RO** declară următoarea conformitate cu linia directoare CE și normele valabile pentru articolul.
- TR** ürün ile ilgili olarak AB Yönetmelikleri ve Normları gereğince aşağıdaki uygunluk açıkları masını sunar.
- GR** δηλώνει την ακόλουθη συμμόρφωση σύμφωνα με την Οδηγία ΕΕ και τα πρότυπα για το προϊόν
- I** dichiara la seguente conformità secondo la direttiva UE e le norme per l'articolo
- SK** atesterer følgende overensstemmelse i henhold til EU-direktiv og standarder for produkt
- CZ** prohlašuje následující shodu podle směrnice EU a norem pro výrobek.
- H** a következő konformitást jelenti ki a termékerek vonatkozó EU-irányvonalak és normák szerint
- SD** pojasnjuje sledečo skladnost po smernici EU in normah za artikele.
- PL** deklaruje zgodność wymienionego poniżej artykułu z następującymi normami na podstawie dyrektywy WE.
- SK** vydáva nasledujúce prehlásenie o zhode podľa smernice EÚ a noriem pre výrobok.
- RO** vydáva nasledujúce prehlásenie o zhode podľa smernice EÚ a noriem pre výrobok.

Compressor PCC 210/8/24

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| <input checked="" type="checkbox"/> 73/23/EWG_93/68/EEC | <input type="checkbox"/> R&TTED 1999/5/EG |
| <input type="checkbox"/> 97/23/EG | <input checked="" type="checkbox"/> 2000/14/EG: L _{WM} = 95 dB; L _{WA} = 97 dB |
| <input checked="" type="checkbox"/> 89/336/EWG_93/68/EEC | <input type="checkbox"/> 95/54/EG: |
| <input type="checkbox"/> 90/396/EWG | <input type="checkbox"/> 2002/88/EG: |
| <input type="checkbox"/> 89/686/EWG | |

EN 60204-1; EN 60335-1; EN 1012-1; EN 50081-1; EN 50081-2;
EN 55014; EN 55014-2; EN 61000-3-2; EN 61000-3-3;
TÜV Süddeutschland Bau und Betrieb; KBV VI; OR/10513/03

Landau/Isar, den 10.11.2004

Brunhölzl

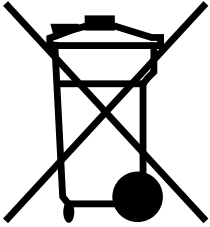
Brunhölzl
Leiter Produkt-Management

Karay

Karay
Produkt-Management

Art.-Nr.: 40.072.80 I.-Nr.: 01014

Archivierung: 4007250-42-4155050-E



Ⓢ For EU countries only

Never place any electric tools in your household refuse.

To comply with European Directive 2002/96/EC concerning old electric and electronic equipment and its implementation in national laws, old electric tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Ⓢ Recycling alternative to the demand to return electrical devices:

As an alternative to returning the electrical device, the owner is obliged to cooperate in ensuring that the device is properly recycled if ownership is relinquished. This can also be done by handing over the used device to a returns center, which will dispose of it in accordance with national commercial and industrial waste management legislation. This does not apply to the accessories and auxiliary equipment without any electrical components which are included with the used device.

GUARANTEE

We provide a guarantee under the following conditions. The guarantee is valid for three years, beginning from the date of purchase. Please keep the till receipt as proof of your purchase. Within this guarantee period we undertake to either refund or replace the unit should any operational defects develop as a result of peer manufacture or material defects.

Once the guarantee period has expired, you may contact the helpline number to receive advice regarding repairs/parts. However, any parts needed after expiry of the guarantee period will be chargeable.

This guarantee is no way affects your statutory rights.

Exceptions: The guarantee does not cover natural wear and tear of the device, or for damage occurring during transport, neither does it cover damage which results from non-adherence to the operating instructions or from incorrect installation and use. The manufacturer accepts no liability for indirect consequential or material damages.

For any claims, malfunction or spare parts please contact:

Helpline No.: 0044 (0) 151 649 1500

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Technical changes subject to change
EH 11/2004