scheppach HC550TC Belt Driven Compressor Instruction Manual

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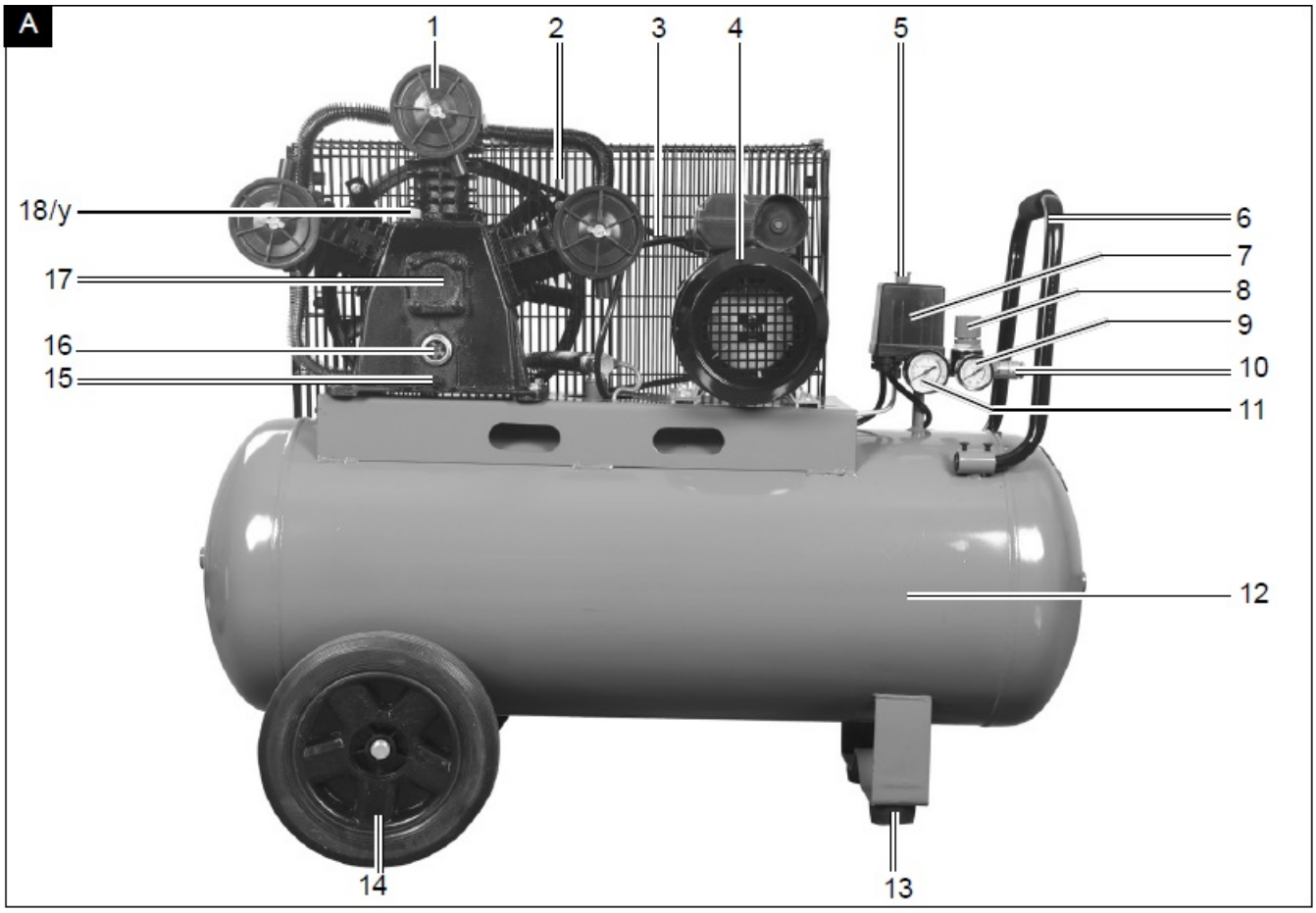
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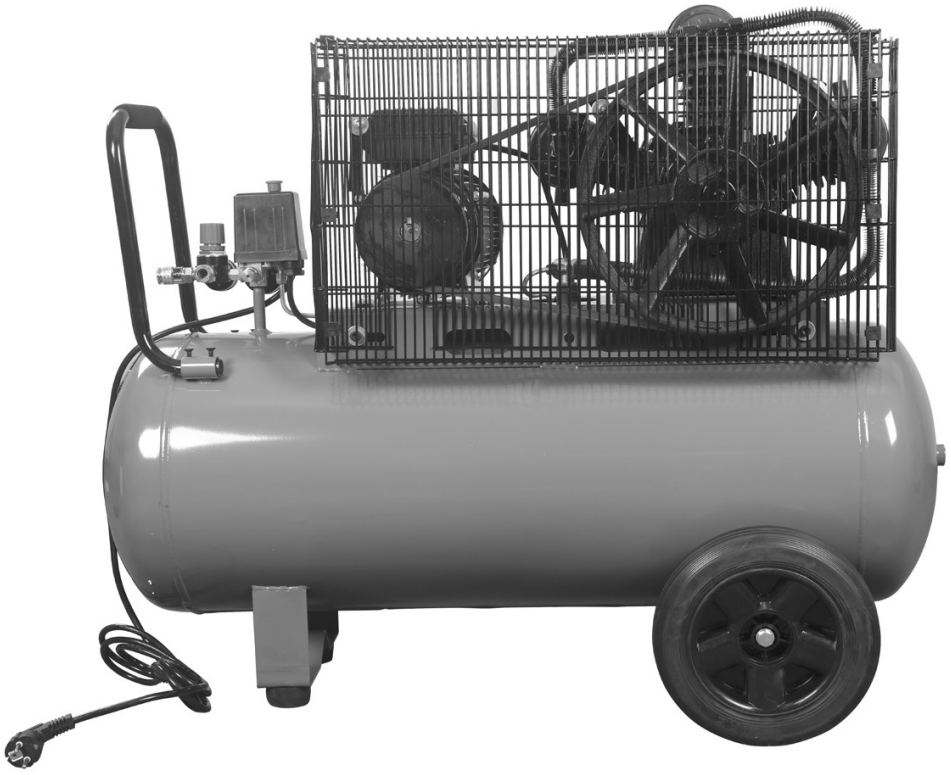

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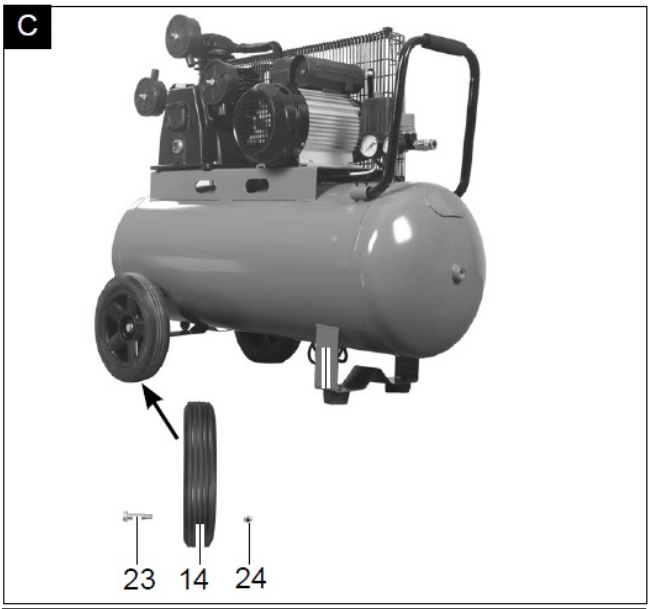

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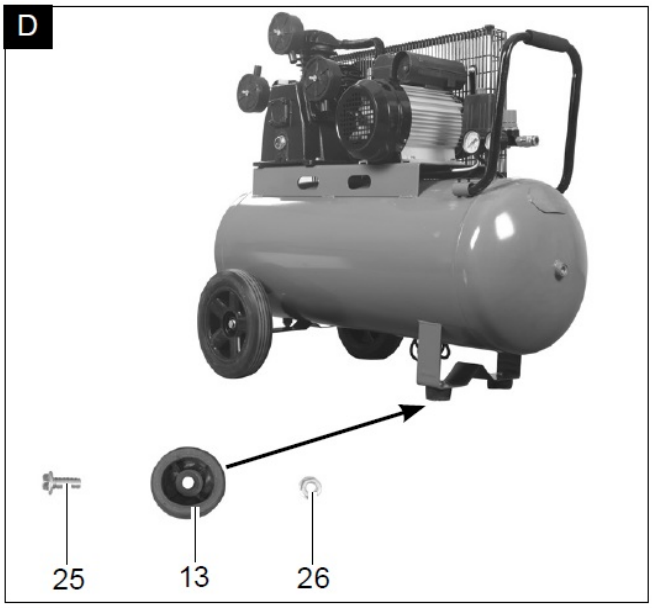

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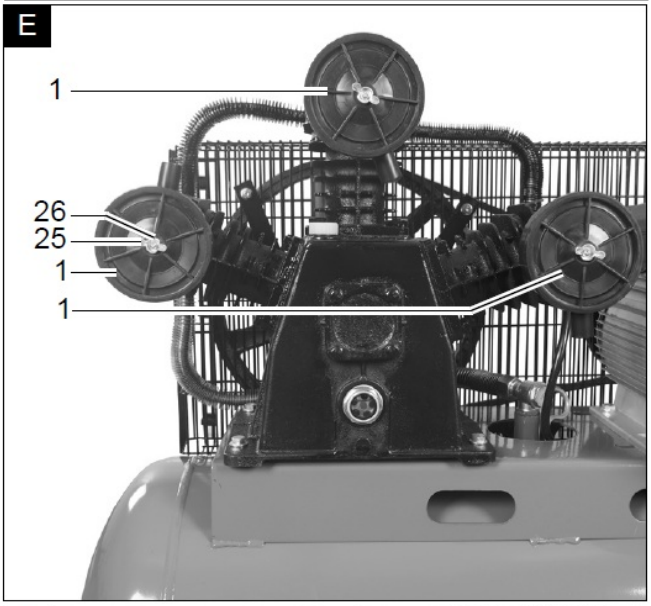

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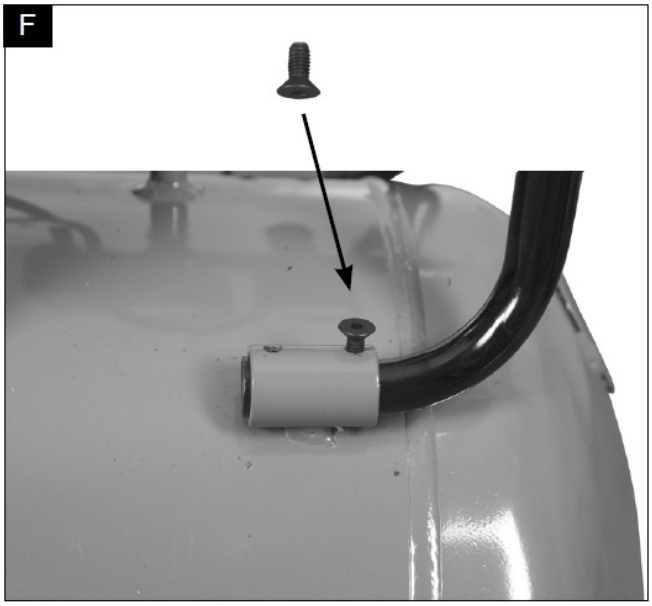

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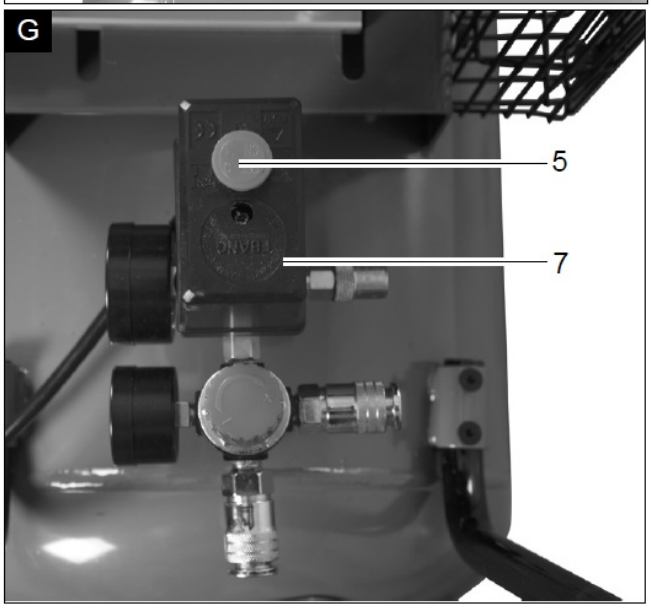

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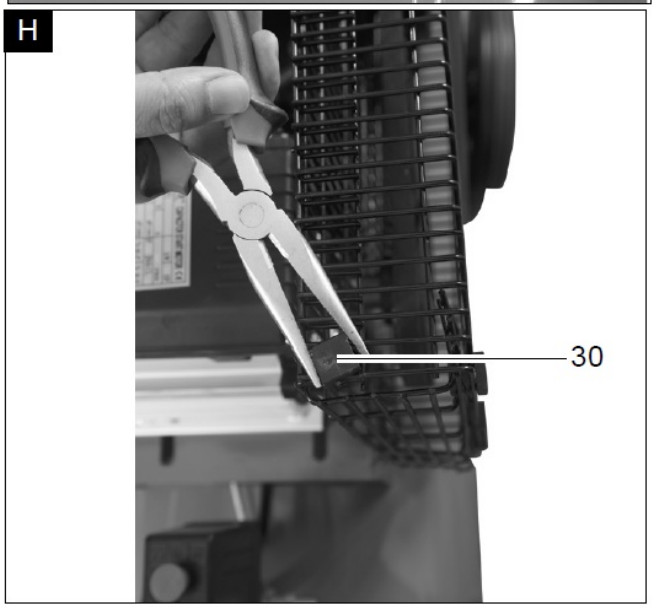

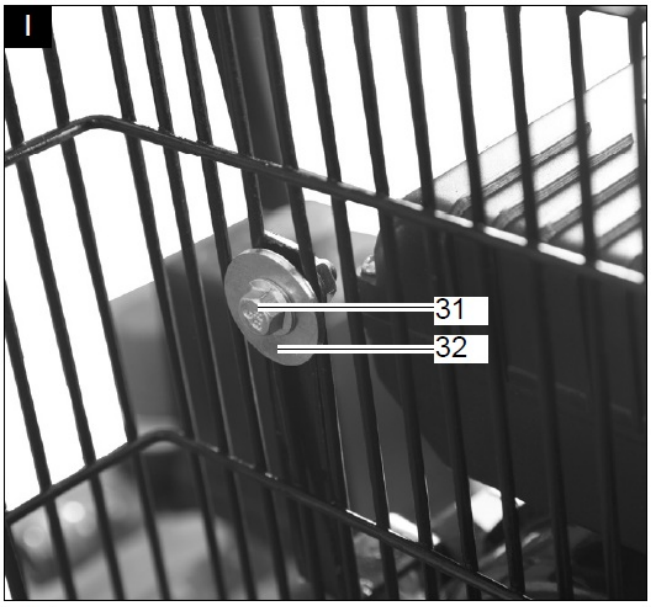

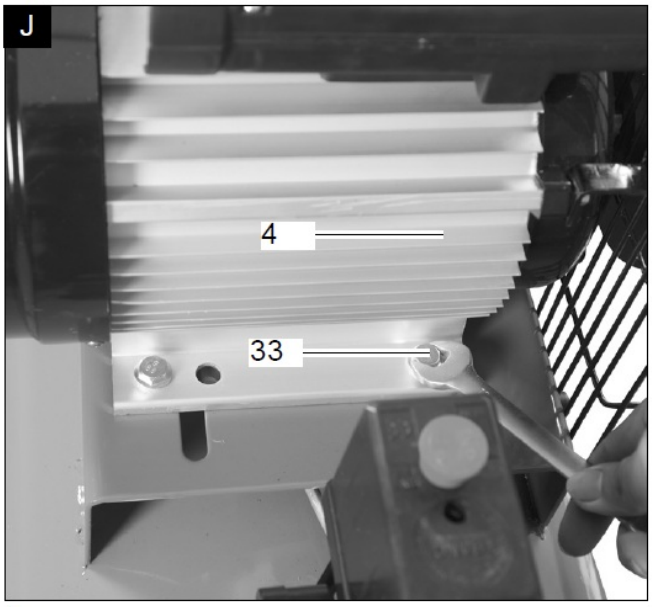

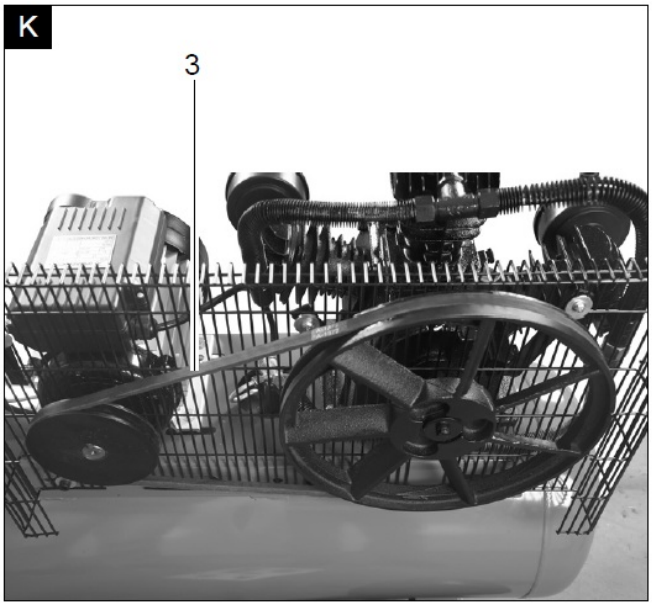

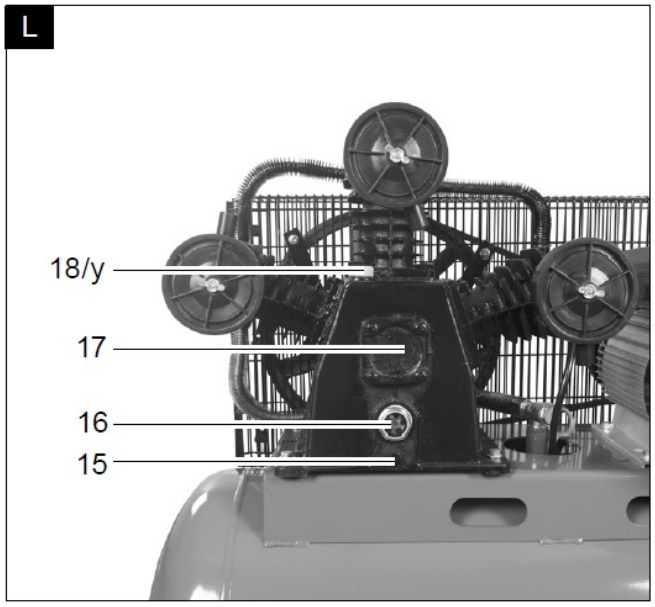

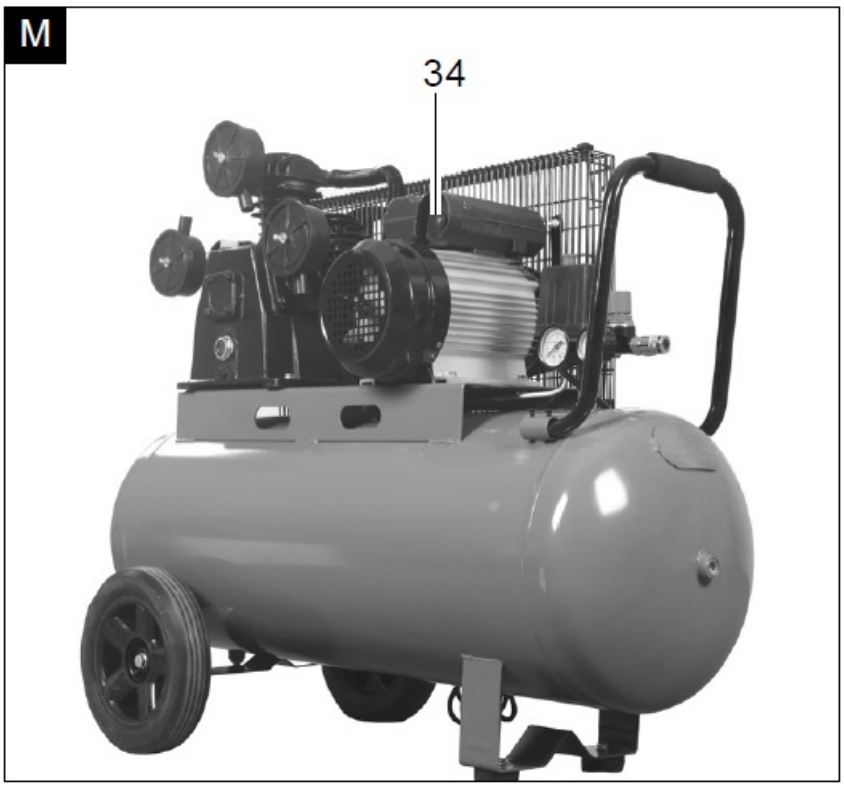

Explanation of the symbols on the device

Symbols are used in this manual to draw your attention to potential hazards. The safety symbols and the accompanying explanations must be fully understood. The warnings themselves will not rectify a hazard and cannot replace proper accident prevention measures

- Warning – read the instruction manual to reduce the risk of injury.
- Wear hearing protection. Excessive noise can result in a loss of hearing.
- Wear a dust protection mask. When machining wood and other materials, harmful dust may be generated. Do not machine material containing asbestos!
- Wear eye protection. Sparks created during work or fragments, chippings and dust ejected by the device can case sight loss.
- Warning – Hot surfaces!
- Warning against electrical voltage
- Warning! The device is equipped with an automated start-up control. Keep third-parties away from the working range of the device!
- Do not expose the machine to rain. The device may only be stationed, stored and operated in dry ambient conditions.
- Sound power level specified in dB
- We have marked points in this operating manual that impact your safety with this symbol
- Attention! Prior to initial commissioning, check the oil level and replace the oil sealing plug!

Introduction

Manufacturer:
Scheppach GmbH
Günzburger Straße 69
D-89335 Ichenhausen

Dear Customer We hope your new tool brings you much enjoyment and success.

Note: In accordance with the applicable product liability laws, the manufacturer of this device assumes no liability for damage to the device or caused by the device arising from:

- Improper handling,
- Non-compliance with the operating manual
- Repairs carried out by third parties, unauthorized specialists
- Installing and replacing non-original spare parts
- Application other than specified
- Failure of the electrical system in the event of the electrical regulations and VDE provisions 0100, DIN 13 / VDE0113 not being observed

Please consider: Read through the complete text in the operating manual before installing and commissioning the device. The operating manual is intended to help the user to become familiar with the machine and take advantage of its application possibilities in accordance with the recommendations. The operating manual includes important instructions for safe, proper and economic operation of the device, for avoiding danger, for minimizing repair costs and downtimes, and for increasing the reliability and extending the service life of the device. In addition to the safety instructions in this operating manual, you must also observe the regulations applicable to the operation of the device in your country. Keep the operating manual package with the machine at all times and store it in a plastic cover to protect it from dirt and moisture. They must be read and carefully observed by all

operating personnel before starting the work. The device may only be used by personnel who have been trained to use it and who have been instructed with respect to the associated hazards. The required minimum age must be observed.

In addition to the safety instructions in this operating manual and the separate regulations of your country, the generally recognized technical rules relating to the operation of such machines must also be observed. We accept no liability for accidents or damage that occur due to a failure to observe this manual and the safety instructions.

Device description (Fig. 1)

1. Air filter housing
2. Protective grate
3. V-belt
4. Engine
5. ON/OFF switch
6. Transport handle
7. Pressure switch
8. Pressure regulator
9. Pressure gauge (set pressure can be read off)
10. Quick coupling (regulated compressed air)
11. Pressure gauge (vessel pressure can be read off)
12. Pressure vessel
13. Supporting foot
14. Wheel
15. Oil drain screw
16. Oil sight glass
17. Compressor pump
18. Oil plug
19. Quick coupling (unregulated compressed air)
20. Safety valve
21. Drain screw for condensate
22. Mains cable
23. Screw (wheel)
24. Nut (wheel)
25. Screw (foot)
26. Nut (foot)
27. Wing nut (air filter)
28. Washer (air filter)
29. Screw (handle)
30. Plastic clips
31. Screw (protective grate)
32. Washer (protective grate)
33. Screw (motor)
34. Overload switch

Scope of delivery

- Compressor
- Air filter (3 units)
- Foot (2 units)
- Wheel (2 units)
- Assembly material
- Transport handle
- Oil bottle
- Operating manual

Proper use

The compressor is used to generate compressed air for pneumatically powered tools that can be operated with an air rate of up to 350 l/min. (e.g. tire inflates, air blow guns, paint spray guns).
The compressor may only be operated in a dry and well ventilated indoor space.
The machine may only be used in the intended manner. Any use beyond this is improper. The user/operator, not the manufacturer, is responsible for damages or injuries of any type resulting from this. An element of the intended use is also the observance of the safety instructions, as well as the assembly instructions and operating information in the operating manual. Persons who operate and maintain the machine must be familiar with it and must be informed about potential dangers. In addition, the applicable accident prevention regulations must be strictly observed. Other general occupational health and safety-related rules and regulations must be observed.
The liability of the manufacturer and resulting damages are excluded in the event of modifications of the machine.
The machine may only be operated with original parts and original accessories from the manufacturer. The safety, operating and maintenance specifications of the manufacturer, as well as the dimensions specified in the technical data, must be observed.
Please observe that our equipment was not designed with the intention of use for commercial or industrial purposes. We assume no guarantee if the equipment is used in commercial or industrial applications, or for equivalent work.

General safety information

Attention! The following basic safety measures must be observed when using power tools for protection against electric shock, and the risk of injury and fire. Read all these notices before using the power tool and store the safety instructions well for later reference.

Safe work

1. Keep the work area orderly
    - Disorder in the work area can lead to accidents.
2. Take environmental influences into account
    - Do not expose power tools to rain.
    - Do not use power tools in a damp or wet environment. There is a risk of electric shock!
    - Make sure that the work area is well-illuminated.
    - Do not use power tools where there is a risk of fire or explosion.
3. Protect yourself from electric shock
    - Avoid physical contact with earthed parts (e. g. pipes, radiators, electric ranges, cooling units).
4. Keep away from children!
    - Do not allow other persons to touch the equipment or cable, keep them away from your work area.

5. Securely store unused electric tools
    - Unused power tools should be stored in a dry, elevated or closed location out of the reach of children.
6. Do not overload your power tool
    - They work better and more safely in the specified output range.
7. Dress properly
    - Do not wear wide clothing or jewelry, which can become entangled in moving parts.
    - Rubber gloves and anti-slip footwear are recommended when working outdoors.
    - Tie long hair back in a hair net.
8. Do not use the cable for purposes for which it is not intended
    - Do not use the cable to pull the plug out of the outlet. Protect the cable from heat, oil and sharp edges.
9. Take care of your tools
    - Keep your compressor clean in order to work well and safely.
    - Follow the maintenance instructions.
    - Check the connection cable of the power tool regularly and have it replaced by a recognized specialist when damaged.
    - Check extension cables regularly and replace them when damaged.
10. Pull the connector out of the socket
    - When the power tool is not in use or prior to maintenance and when replacing tools such as saw blades, bits, milling heads.
11. Avoid inadvertent starting
    - Make sure that the switch is switched off when plugging the plug into an outlet.
12. Use extension cables for outdoors
    - Only use approved and appropriately identified extension cables for use outdoors.
    - Only use cable reels in the unrolled state.
13. Always remain attentive
    - Pay attention to what you are doing. Remain sensible when working. Do not use the power tool when you are distracted.
14. Check the power tool for potential damage
    - Protective devices or other parts with minor damage must be carefully inspected to ensure that they function correctly and as intended prior to continued use of the power tool.
    - Check whether the moving parts function faultlessly and do not jam or whether parts are damaged. All parts must be correctly mounted and all conditions must be fulfilled to ensure fault-free operation of the power tool.
    - Damaged protective devices and parts must be properly repaired or replaced by a recognized workshop, insofar as nothing different is specified in the operating manual
    - Damaged switches must be replaced at a customer service workshop.
    - Do not use any faulty or damaged connection cables.
    - Do not use any power tool on which the switch cannot be switched on and off.
15. Have your power tool repaired by a qualified electrician
    - This power tool conforms to the applicable safety regulations. Repairs may only be performed by an electrician using original spare parts. Otherwise accidents can occur.
16. Attention!
    - For your own safety, only use accessories and additional equipment that are indicated in the operating

manual or have been recommended or indicated by the manufacturer. Use of other tools or accessories that those recommended in the operating manual or in the catalogue could represent a personal danger to you.

17. Noise
    - Wear hearing protection when using the compressor.
18. Replacing the connection line
    - If the connection line is damaged, it must be replaced by the manufacturer or an electrician to avoid danger. There is a risk of electric shock.
19. Inflating tires
    - Directly after inflating tires, check the pressure with a suitable pressure gauge, for example at your filling station.
20. Street-legal compressors in construction site operation
    - Ensure that all hoses and fixtures are suitable for the maximum permissible working pressure of the compressor.
21. Set-up location
    - Only set up the compressor on a flat surface.
22. It is recommended to equip the feed hoses with a safety cable in cases where the pressure is above 7 bar, e.g. using a wire cable.
23. Avoid over-stressing the piping system by using flexible hose connections to prevent kinking.
24. Make sure that the oil cooling devices are kept clean and that the protective devices are kept in good operating condition.
25. Risk of burns from hot oil
    - Wear suitable protective gloves.
    - Never work with the compressor near naked flames.
    - Be careful not to spill oil.
26. Starting the motor is forbidden if the temperature is below 0°C.

Additional safety instructions

Safety instructions for working with compressed air and blasting guns

- The compressor pump and lines can become very hot during operation. Touching these parts will burn you.
- The air which is sucked in by the compressor must be kept free of impurities that could cause fires or explosions in the compressor pump.
- When releasing the hose coupling, hold the hose coupling piece with your hand. This way, you can protect yourself against injury from the rebounding hose.
- Wear safety goggles when working with the blowout pistol. Foreign objects or blown off parts can easily cause injuries.
- Do not blow at people with the blow-out pistol and do not clean clothes while being worn. Risk of injury!

Safety information for paint spraying

- Do not process any paints or solvents with a flash point below 55° C. Risk of explosion!
- Do not heat up paints or solvents. Risk of explosion!

- If hazardous liquids are processed, wear protective filter units (face guards). Also, adhere to the safety information provided by the manufacturers of such liquids.
- The details and designations of the Ordinance on Hazardous Substances, which are displayed on the outer packaging of the processed material, must be observed. Additional protective measures are to be undertaken if necessary, particularly the wearing of suitable clothing and masks.
- Do not smoke during the spraying process and/or in the work area. Risk of explosion! Paint vapors are easily combustible.
- Never set up or operate the equipment in the vicinity of a fire place, open lights or sparking machines.
- Do not store or eat food and drink in the work area. Paint vapors are harmful to your health.
- The work area must exceed 30 m^3 and sufficient ventilation must be ensured during spraying and drying.
- Do not spray against the wind. Always adhere to the regulations of the local police authority when spraying combustible or hazardous materials.
- Do not process media such as white spirit, butyl alcohol and methylene chloride with the PVC pressure hose. These media will destroy the pressure hose.
- When using in conjunction with spraying accessories (e.g. a paint spray gun): Keep the spray attachments away from the device when filling and do not spray towards the compressor.

Operation of pressure vessels

- Anyone who operates a pressure vessel must keep this in good working order, operate and monitor it correctly, perform the necessary maintenance and servicing works immediately and implement safety measures as required according to the circumstances.
- The regulatory authority can instruct necessary monitoring measures in individual cases.
- A pressure vessel must not be operated if it exhibits a defect that poses a danger to personnel or third parties.
- Check the pressure vessel for rust and damage each time before use. The compressor shall not be operated if the pressure vessel is damaged or rusty. If you discover damage, please contact the customer service workshop.

Keep these safety instructions in a safe place.
WARNING! This power tool generates an electromagnetic field during operation. This field can impair active or passive medical implants under certain conditions. In order to prevent the risk of serious or deadly injuries, we recommend that persons with medical implants consult with their physician and the manufacturer of the medical implant prior to operating the power tool.

Residual risks

The machine has been built according to the state-of-the-art and the recognized technical safety requirements. However, individual residual risks can arise during operation.

- Health hazard due to electrical power, with the use of improper electrical connection cables.
- Furthermore, despite all precautions having been met, some non-obvious residual risks may still remain.
- Residual risks can be minimized if the “Safety information” and the “Proper use” together with the operating manual as a whole are observed.
- Avoid accidental starting of the machine: the operating button may not be pressed when inserting the plug in an outlet. Use the tool that is recommended in this operating manual. This is how to ensure that your machine

provides optimum performance.

- Keep your hands away from the work area, when the machine is in operation.

Technical data

Mains connection	230 V / 50Hz
Motor power	2200W / 3 HP
Operating mode	S1
Motor speed	2900 min-1
Pressure vessel capacity	100 l
Operating pressure	10 bar
Theo. intake capacity	550 l/min
Effective delivery quantity	350 l/min
Protection category	IP32
Device weight	80 kg
Oil (15W 40)	1,2 l
Max. installation altitude (above sea level)	1000 m
Belt type	A-1400

Technical changes reserved!

Noise and vibration

Warning: Noise can have serious effects on your health. If the machine noise exceeds 85 dB (A), please wear suitable hearing protection.

Noise data
Sound power level LWA 97 dB(A)
Sound pressure level LpA 84,6 dB(A)
Uncertainty Kwa/pA 2,39 / 3 dB(A)

Unpacking

- Open the packaging and carefully remove the device.
- Remove the packaging material, as well as the packaging and transport safety devices (if present).
- Check whether the scope of delivery is complete.
- Check the device and accessory parts for transport damage. In the event of complaints the carrier must be informed immediately. Later claims will not be recognized.
- If possible, keep the packaging until the expiry of the warranty period.
- Familiarize yourself with the product by means of the operating instructions before using for the first time.

- With accessories as well as wearing parts and replacement parts use only original parts. Replacement parts can be obtained from your dealer.
- When ordering please provide our article number as well as type and year of manufacture for your equipment.

WARNING! The device and the packaging material are not children's toys! Do not let children play with plastic bags, films or small parts! There is a danger of choking or suffocating!

Assembly

ATTENTION! Always make sure the device is fully assembled before commissioning!
You require the following for assembly:

- Open-ended spanner 12 mm (not included in the scope of delivery)
- Open-ended spanner 14 mm (not included in the scope of delivery)
- Open-ended spanner 17 mm (not included in the scope of delivery)
- Allen key 4 mm (not included in the scope of supply)
- Cross-screwdriver (not included in the scope of supply)

Fitting the wheels (Fig. C)

Insert the screw (23) through the wheel (14). Now insert the screw (23) through the mount on the pressure vessel (12). Now insert the screw (23) with the nut (24). Repeat the process on the other side of the pressure vessel (12).

Fitting the foot (2x) (Fig. D)

Insert the screw (25) through the foot (13). The foot (13) is subsequently fitted on the mount on the pressure vessel (12). Fasten the foot (13) with the nut (26). Repeat the process for the second foot.

Fitting the air filter (3x) (Fig. E)

Remove the transport protection from the air filter mount (if applicable). Remove the wing nut (27) and washer (28) from the threaded pin on the compressor pump.
Fit the air filter housing (1) with the paper filter on the threaded pin. Refasten the air filter housing (1) with the washer (28) and wing nut (27). Repeat the process with all air filters.
Fasten the air filter with the inlet opening facing downwards, to avoid excessive contamination.

Fitting the transport handle (Fig. F)

Fasten the transport handle (6) to the pressure vessel (12) with the screw (29) as shown. Repeat this process three times.

Compressor oil (Fig. L)

Remove the oil plug (y) from the oil filler hole.

- Fill the compressor oil supplied into the compressor pump housing and fit the oil plug (18) into the oil filler hole.
- Check the oil level using the sight glass (16). The oil level must be within the red circle.

Before commissioning

Before connecting the machine, make certain that the data on the type plate matches with the mains power data.

- Fill the compressor pump housing with oil as described in point 8.5.
- Check the device for transport damage. Report any damage immediately to the transport company which was used to deliver the compressor.
- Install the compressor near the point of consumption.
- Avoid long air lines and supply lines (extension cables).
- Make sure that the intake air is dry and free of dust.
- Do not deploy the compressor in damp or wet areas.
- Operate the compressor only in suitable areas (well ventilated, ambient temperature +5°C 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.
- The oil level in the compressor pump must be checked before commissioning.
- The compressor may only be used outdoor briefly when the ambient conditions are dry.
- The compressor must always be kept dry and must not be left outdoors after work is complete.

Start up

ATTENTION! Always make sure the device is fully assembled before commissioning!

ON/OFF switch (Fig. G)
Pull the ON/OFF switch (5) upwards to switch on the compressor. Press the ON/OFF switch down to switch off.

Pressure adjustment: (Fig. A; B)
The pressure at the manometer (9) is adjusted with the pressure regulator (8). The pressure set can be drawn from the quick coupling (10).

The boiler pressure is read off at the manometer (11). The boiler pressure is taken at the quick-coupling (19).

Pressure switch position (Fig. A)
The pressure switch (7) is set in the factory. Switch-on pressure approx. 8 bar, switch-off pressure approx. 10 bar

Overload switch
The motor is equipped with an overload switch. If the compressor is overloaded, the overload switch switches off automatically to protect the compressor against overheating. If the overload switch has triggered, switch the compressor off at the on/off switch (5) and wait until the compressor has cooled down.
Now press the overload switch (34) and switch the compressor on again.

Relieving the overpressure after work is complete
Release overpressure in the compressor by switching off the compressor and using up the compressed air still in the pressure vessel, e.g. with a compressed air tool running at idle or with an air blow gun.

Electrical connection

The electrical motor installed is connected and ready for operation. The connection complies with the applicable VDE and DIN provisions. The customer`s mains connection as well as the extension cable used must also comply with these regulations.

When working with spray attachments and during temporary use outdoors, the device must be connected to a residual current circuit breaker with a trigger current of 30 mA or less.

Important information
In the event of overloading, the motor will switch itself off. After a cool-down period (time varies) the motor can be switched back on again.

Damaged electrical connection cable
The insulation on electrical connection cables is often damaged.

This may have the following causes:

- Pressure points, where connection cables are passed through windows or doors.
- Kinks where the connection cable has been improperly fastened or routed.
- Places where the connection cables have been cut due to being driven over.
- Insulation damage due to being ripped out of the wall outlet.
- Cracks due to the insulation ageing.

Such damaged electrical connection cables must not be used and are life-threatening due to the insulation damage.

Check the electrical connection cables for damage regularly. Ensure that the connection cables are disconnected from electrical power when checking for damage.

Electrical connection cables must comply with the applicable VDE and DIN provisions. Only use connection cables with designation H05VV-F. The printing of the type designation on the connection cable is mandatory.

Cleaning

Attention! Pull out the mains plug before carrying out any cleaning and maintenance work! Risk of injury from electric shock!
Attention! Wait until the equipment has cooled down completely! Danger of burning!
Attention! Always depressurize the equipment before carrying out any cleaning and maintenance work! Risk of injury!

We recommend that you clean the device directly after every use.

- Keep the device as free of dust and dirt as possible.
  Rub the device clean with a clean cloth or blow it off with compressed air at low pressure.
- We recommend that you clean the device directly after every use.
- Clean the device at regular intervals using a damp cloth and a little soft soap. Do not use any cleaning products or solvents; they could attack the plastic parts of the device. Make sure that no water can penetrate the device interior.
- The hose and injection tools must be disconnected from the compressor before cleaning. The compressor must not be cleaned with water, solvents or similar.

Transport

To change the position of the device, lift the transport handle and pull the device to the new location. When transporting the device in a vehicle it must be secured to the loading bed with straps.

Storage

Store the device and its accessories in a dark, dry and frost-free place that is inaccessible to children. The optimum storage temperature lies between 5 and 30 °C. Store the power tool in its original packaging. Cover the power tool to protect it from dust or moisture. Store the operating manual with the power tool.

Maintenance

You require the following for maintenance:

- Open-ended spanner 17 mm (not included in the scope of supply)
- Open-ended spanner 24 mm (not included in the scope of supply)

Attention! Pull out the mains plug before carrying out any cleaning and maintenance work! Risk of injury from electric shock!
Attention! Wait until the equipment has cooled down completely! Danger of burning!
Attention! Always depressurize the equipment before carrying out any cleaning and maintenance work! Risk of injury!

Changing the V-belt (Fig. H to K)
To change the V-belt on the compressor, please be sure to disconnect the device from the mains.

Once the compressor has been successfully disconnected from the mains, remove the protective grate by turning the plastic clips (33) 90° using pliers. Then remove the screw (31) including washers (32), which connects the protective grate (2) with the motor (4) using a 4 mm Allen key. Now undo the four screws (33) on the motor (4) with two size 14 spanners, so that you can subsequently slide the motor. It is now possible to change the V-belt (3). After successfully changing the V-belt, perform the same steps in reverse order to bring the device back into operational condition. Make sure the motor is bolted at a right angle to the running direction, in order to guarantee fault-free running of the V-belt.

Maintenance of the pressure vessel Attention!
To ensure a long service life for the pressure vessel (12), drain off the condensate after each use by opening the drain screw (21). Release the vessel pressure beforehand (see 10.5). The drain screw is opened by turning it counterclockwise (when looking at the screw on the bottom of the compressor) so that the condensate can be completely drained out of the pressure vessel. Then close the drain screw again (turn clockwise). Check the pressure vessel for rust and damage each time before use. The compressor shall not be operated if the pressure vessel is damaged or rusty. If you discover damage, please contact the customer service workshop.
m Attention! The condensate from the pressure vessel contains oil residue. Dispose of the condensate in an environmentally friendly manner at a suitable collection point.

Safety valve (Fig. B)
The safety valve (20) is set to the maximum permissible pressure of the pressure vessel. It is not permitted to adjust the safety valve or to remove the connection lock (20.2) between the drain nut (20.1) and its cap (20.3). In order for the safety valve to function properly when needed, it must be actuated every 30 operating hours and at least 3 times a year. Turn the perforated drain nut (20.1) anti-clockwise to open it, then pull the valve stem outwards by hand via the perforated drain nut (20.1) to open the safety valve outlet.

Now, the valve audibly releases air. Then turn the drain nut clockwise again to tighten.

Check the oil level at regular intervals (Fig. F)

Place the compressor on a level and straight surface. The oil level must be at the center of the oil sight glass (16) (red dot).

Oil change (Fig. L)
The first oil filling must be changed after 10 operating hours; afterwards, perform an oil change every 50 operating hours.
Switch the motor off and unplug the mains plug from the power outlet. Remove the oil drain screw (15). Additionally open the oil plug (18).
To prevent the oil from running out in an uncontrolled manner, hold a small metal chute under the opening and collect the oil in a vessel. If the oil does not drain out completely, we recommend tilting the compressor slightly. Once the oil has fully drained out, replace the oil drain screw (15). Dispose of the old oil at a drop-off point for old oil.
To fill in the correct quantity of oil, make sure that the compressor stands on an even surface. Remove the oil plug (18) and add new oil through the oil filler hole until the oil level in the oil sight glass (16) has reached the correct quantity (red dot).
Do not exceed the maximum filling quantity. Overfilling the equipment may result in damage. Reinsert the oil plug (18) in the oil filler hole.

Cleaning the air filter
The air filter prevents dust and dirt being sucked in. It is necessary to clean this filter at least every 300 operating hours. A blocked air filter significantly reduces the compressor power. Remove the air filter by opening the wing nut (27) on the air filter housing (1). Remove the wing nut (27) and washer (28). Then draw out the air filter housing (1). Draw the air filter housing (1) apart. You can now remove the air filter. Carefully knock out the air filter and the parts of the filter housing.

These components must then be blown out with compressed air (approx. 3 bar) and reassembled in reverse order.

Connections and repairs
Connections and repair work on the electrical equipment may only be carried out by electricians.
Please provide the following information in the event of any enquiries:

- Type of current for the motor
- Data of machine type plate
- Data of motor type plate

Service information With this product, it is necessary to note that the following parts are subject to natural or usage-related wear, or that the following parts are required as consumables.

Wearing parts: Air filter, V-belt, cylinder, piston, piston rings, plastic clips
may not be included in the scope of supply!
Spare parts and accessories can be obtained from our service center. To do this, scan the QR code on the cover page.

Disposal and recycling

The device is supplied in packaging to avoid transport damages. This packaging is raw material and can thus be used again or can be reintegrated into the raw material cycle. The device and its accessories are made of different materials, such as metals and plastics. Take defective components to special waste disposal sites. Check with your specialist dealer or municipal administration!
Old devices must not be disposed of with household waste!

This symbol indicates that this product must not be disposed of together with domestic waste in compliance with the Directive (2012/19/EU) pertaining to waste electrical and electronic equipment (WEEE). This product must be

handed over at the intended collection point. This can be done, for example, by returning it when purchasing a similar product or delivering it to an authorized collection point for the recycling of old electrical and electronic devices.

Improper handling of waste equipment may have negative consequences for the environment and human health due to potentially hazardous substances that are often contained in electrical and electronic equipment. By properly disposing of this product, you are also contributing to the effective use of natural resources. You can obtain information on collection points for waste equipment from your municipal administration, public waste disposal authority, an authorized body for the disposal of waste electrical and electronic equipment or your waste disposal company.

Troubleshooting

The following table shows fault symptoms and describes remedial measures in the event of your machine failing to work properly. If you cannot localize and rectify the problem with this, please contact your service workshop.

Fault	**Possible cause**	**Remedy**
The compressor does not start	Mains voltage is not available	Check the cable, mains plug, fuse and socket
	Mains voltage is too low	Make sure that the extension cable is not too long . Use an extension cable with large enough wires.
	Outside temperature is too low	Do not operate at outside temperatures below +5° C.
	Motor is overheated	Allow the motor to cool down. If necessary, remed y the cause of the overheating.
The compressor start s but there is no pressure	The safety valve leaks	Replace the safety valve
	The seals are damaged.	Replace the seal, have defective seals replaced a t a specialist workshop.
	Drain screw for condensate leaking.	Tighten the screw by hand. Check the seal on the screw and replace if necessary.
The compressor start s, pressure is shown on the pressure gaug e, but the tools do not start	Hose connection leaking.	Check compressed air hose and tool, replace if n ecessary.
	A quick coupling has a leak	Check quick coupling, replace if necessary.
	Insufficient pressure set on the pre ssure regulator	Increase the set pressure with the pressure regulator.

Documents / Resources

	scheppach HC550TC Belt Driven Compressor [pdf] Instruction Manual HC550TC, Belt Driven Compressor, Driven Compressor, Compressor

References

- scheppach | scheppach
- Kontakt & Service | scheppach | scheppach