

Scheppach HC63

Scheppach HC63 Air Compressor User Manual

Model: HC63 | Part No.: 59061739969

1. INTRODUCTION

Thank you for choosing the Scheppach HC63 oil-lubricated air compressor. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new compressor. Please read this manual thoroughly before operating the device and keep it for future reference.

The Scheppach HC63 is a powerful and versatile air compressor designed for a wide range of applications around the home, workshop, or garage, featuring a 50-liter tank, 10 bar working pressure, and a 1500W motor.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the equipment:

- Ensure the compressor is placed on a stable, level surface.
- Do not operate the compressor in wet or damp conditions.
- Always wear appropriate personal protective equipment (PPE), such as safety glasses and hearing protection.
- Before any maintenance or cleaning, disconnect the compressor from the power supply and ensure the tank is depressurized.
- Do not direct compressed air at people or animals.
- Regularly check all hoses and connections for damage or leaks.
- Keep children and unauthorized persons away from the operating area.

3. PRODUCT COMPONENTS

The Scheppach HC63 compressor comes with the following main components:



Image: The Scheppach HC63 air compressor, showing its blue tank, black motor housing, wheels, and pressure gauges.

- Compressor Unit
- Pressure Reducer
- Quick Coupling
- Transport Device (Wheels and Handle)
- Oil Bottle (for initial fill/refill)

4. SETUP AND INITIAL ASSEMBLY

Follow these steps for the initial setup of your compressor:

1. **Unpacking:** Carefully remove all components from the packaging. Check for any transport damage.
2. **Wheel Assembly:** Attach the wheels to the designated axles on the compressor frame. Secure them with the provided fasteners.
3. **Handle Assembly:** Mount the transport handle to the compressor body.
4. **Oil Filling:** The compressor is shipped without oil. Fill the crankcase with the supplied compressor oil to the indicated level on the dipstick. Do not overfill.

5. **Placement:** Position the compressor on a firm, level surface in a well-ventilated area. Ensure sufficient clearance around the unit for air circulation.
6. **Electrical Connection:** Connect the compressor to a suitable grounded power outlet (230 Volt). Ensure the power switch is in the 'OFF' position before plugging in.



Image: The Scheppach HC63 compressor positioned in a workshop, ready for use after assembly.

5. OPERATING INSTRUCTIONS

The Scheppach HC63 compressor is designed for various pneumatic applications. Here's how to operate it:

1. **Power On:** Turn the main power switch to the 'ON' position. The compressor will start to build pressure until it reaches its maximum operating pressure (10 bar) and then automatically shut off.
2. **Connect Air Tool:** Attach your pneumatic tool to the quick coupling.
3. **Adjust Pressure:** Use the pressure reducer knob to set the desired working pressure for your tool. Monitor the pressure gauge to ensure accurate setting.

4. **Operation:** Begin using your pneumatic tool. The compressor will automatically restart when the tank pressure drops below a certain level.
5. **Power Off:** After use, turn the main power switch to 'OFF'.
6. **Depressurize Tank:** Open the drain valve at the bottom of the tank to release any remaining air pressure and drain condensed water. This is crucial for tank longevity.

Typical Applications:



Image: Examples of applications for the Scheppach HC63 compressor, such as nailing, using an impact wrench, paint spraying, tire inflation, air ratcheting, orbital sanding, and sandblasting.



Image: A user inflating a car tire, demonstrating the compressor's utility for vehicle maintenance.



Durch den großen Druckluftvorrat ist ein langes und ergiebiges Nageln und Tackern kein Problem.

Image: A user operating a pneumatic nail gun, showcasing the compressor's capability for fastening tasks.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Scheppach HC63 compressor:

- **Daily:** Drain condensed water from the air tank. This prevents rust and corrosion.
- **Weekly/After 20 Hours of Operation:** Check the oil level and top up if necessary.
- **Monthly/After 50 Hours of Operation:** Clean or replace the air filter. A clogged filter reduces efficiency.
- **Every 3 Months/After 100 Hours of Operation:** Change the compressor oil. Use only recommended compressor oil.
- **Annually:** Inspect all connections, hoses, and valves for leaks or damage. Tighten loose fittings.

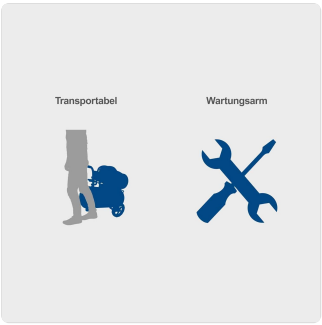


Image: An icon symbolizing low maintenance, indicating the ease of care for the compressor.

7. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions:

Problem	Possible Cause	Solution
Compressor does not start.	No power supply; Thermal overload protection activated.	Check power connection; Allow compressor to cool down.
Compressor runs continuously.	Air leak in system; Pressure switch faulty.	Check all connections for leaks; Contact service.
Low air pressure output.	Clogged air filter; Air leak; Worn piston rings.	Clean/replace air filter; Check for leaks; Contact service.
Excessive noise during operation.	Loose components; Low oil level; Worn bearings.	Tighten all fasteners; Check oil level; Contact service.

8. TECHNICAL SPECIFICATIONS

Key technical data for the Scheppach HC63 Air Compressor:

Feature	Value
Model	HC63
Power Input	1500 W
Voltage	230 V
Tank Volume	50 L
Max. Working Pressure	10 bar
Suction Capacity	220 L/min
Noise Level	97 dB
Drive Type	Corded

Max. 10 bar Arbeitsdruck

Ansaugleistung 220 L/min



1 x Schnellkupplung

50 L Tankvolumen

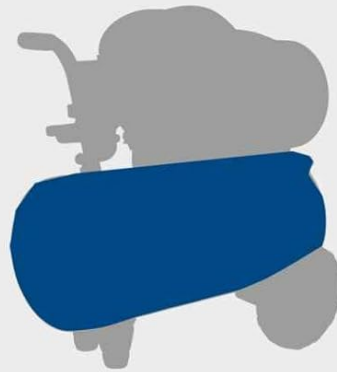


Image: Visual representation of key specifications: 10 bar maximum working pressure, 220 L/min suction capacity, quick coupling, and 50 L tank volume.

9. WARRANTY AND SUPPORT

Scheppach products are manufactured with high-quality materials and undergo strict quality controls. In the unlikely event of a defect, please refer to your purchase documentation for warranty terms and conditions. For technical support or spare parts, please contact your authorized Scheppach dealer or visit the official Scheppach website for service contact information.

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	Scheppach HC550TC 400V Kompressor Bedienungsanleitung Umfassende Bedienungsanleitung für den Scheppach HC550TC 400V Kompressor. Enthält Montage-, Sicherheits-, Betriebs- und Wartungsanweisungen sowie technische Daten und Fehlerbehebung.
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