

Scheppach HC24-8S

Scheppach HC24-8S Horizontal Compressor User Manual

Model: HC24-8S | Brand: Scheppach

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Scheppach HC24-8S Horizontal Compressor. Please read this manual thoroughly before using the compressor and keep it for future reference. This compressor is universally applicable for work around the house, workshop, or garage.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Read all instructions carefully before operation.
- Ensure the power supply matches the voltage specified on the compressor's rating plate.
- Do not operate the compressor in wet or damp conditions.
- Keep children and unauthorized persons away from the work area.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and hearing protection.
- Always disconnect the power supply before performing any maintenance or repairs.
- Do not direct the air stream at people or animals.
- Ensure adequate ventilation when operating the compressor.

3. PACKAGE CONTENTS

Carefully unpack all components and check for any damage. If any parts are missing or damaged, contact your supplier immediately.



Figure 3.1: Scheppach HC24-8S Horizontal Compressor with included accessories.



Figure 3.2: Detailed view of the 5 included accessories: air hose, pressure gauge with air gun, and various nozzles.

The package typically includes:

- Scheppach HC24-8S Horizontal Compressor unit

- Air hose (50 meters)
- Pressure gauge with air gun
- Various nozzles (5 accessories in total)
- User Manual

4. SETUP

Follow these steps to set up your compressor for first use:

1. **Unpacking:** Remove the compressor and all accessories from the packaging.
2. **Placement:** Place the compressor on a stable, level surface in a well-ventilated area. Ensure there is sufficient space around the unit for air circulation.
3. **Wheel Assembly (if not pre-assembled):** Attach the wheels to the designated axles on the compressor base. Secure them with the provided fasteners.
4. **Rubber Feet/Stand:** Ensure the rubber feet or stands are properly attached to absorb vibrations and provide stability.
5. **Connecting Accessories:** Connect the air hose to the compressor's air outlet. Ensure a secure connection to prevent air leaks. Attach the desired accessory (e.g., pressure gauge with air gun, nozzle) to the other end of the hose.
6. **Power Connection:** Plug the compressor's power cord into a grounded 230 Volt electrical outlet. Ensure the power switch is in the 'OFF' position before plugging in.

5. OPERATING INSTRUCTIONS

5.1 Starting the Compressor

1. Ensure all connections are secure and the air hose is not kinked.
2. Turn the main power switch to the 'ON' position. The compressor will start to build pressure in the tank.
3. The compressor will automatically shut off once the maximum pressure (8 BAR) is reached.

5.2 Adjusting Pressure

The compressor is equipped with a pressure regulator. Turn the knob on the regulator clockwise to increase pressure and counter-clockwise to decrease pressure. Monitor the pressure gauge to set the desired working pressure for your application.

5.3 Using Accessories

Attach the appropriate accessory for your task. For example, use the air gun for cleaning or inflating, and specific nozzles for different inflation needs. Always ensure the accessory is securely attached before use.

5.4 Shutting Down

1. Turn the main power switch to the 'OFF' position.
2. Disconnect the power cord from the outlet.
3. Slowly open the drain valve at the bottom of the air tank to release any condensed moisture and residual air pressure. Close the valve once the tank is empty.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your compressor.

- **Drain Condensation:** Drain the air tank daily or after each use to remove condensed moisture. This prevents rust and extends tank life.
- **Clean Air Filter:** Periodically check and clean the air filter. A clogged filter reduces efficiency and can damage the motor. Replace if necessary.
- **Check for Leaks:** Regularly inspect all hoses and connections for air leaks. Tighten connections or replace damaged parts as needed.
- **General Cleaning:** Keep the compressor clean and free of dust and debris. Use a dry cloth for cleaning. Do not use solvents.
- **Storage:** Store the compressor in a dry, clean environment when not in use.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Compressor does not start	No power supply Power switch off Thermal overload protection activated	Check power connection and outlet Turn power switch to 'ON' Allow compressor to cool down, then restart
Compressor runs continuously or frequently	Air leak in system Pressure switch malfunction	Check all connections and hoses for leaks; tighten or replace Contact qualified service personnel
Low air pressure output	Clogged air filter Air leak Pressure regulator set too low	Clean or replace air filter Check for and seal air leaks Adjust pressure regulator to desired setting
Excessive noise or vibration	Loose components Compressor not on level surface	Check and tighten all bolts and screws Place compressor on a stable, level surface

8. SPECIFICATIONS

Feature	Specification
Manufacturer	Scheppach
Model Number	HC24-8S (Item No. 4046664209386)
Product Dimensions	60 x 36 x 28 cm
Item Weight	21.3 Kilograms
Drive Type	Wired

Feature	Specification
Voltage	230 Volt
Hose Length	50 Meters
Tank Capacity	24 Liters
Max Pressure	8 BAR
Power	750W
Batteries Included	No

9. WARRANTY AND SUPPORT

Scheppach products are manufactured with high-quality materials and undergo strict quality controls. Your Scheppach HC24-8S Horizontal Compressor comes with a comprehensive warranty.





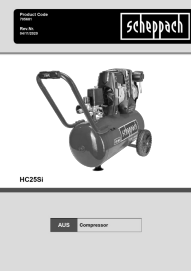


Figure 9.1: Scheppach 5+5 Years Warranty information.

This product typically includes a 5+5 years warranty. For detailed information regarding warranty registration and conditions, please visit the official Scheppach warranty website:

www.garantie.scheppach.com

For technical support, spare parts, or any other inquiries, please contact Scheppach customer service or your authorized dealer. Always have your product model number and serial number ready when contacting support.

Related Documents - HC24-8S

	<p>Scheppach HC24-8 Compressor Parts List and Diagram</p> <p>Detailed spare parts list and exploded view diagram for the Scheppach HC24-8 compressor. Includes part numbers, descriptions, and quantities for easy identification and ordering.</p>
	<p>Scheppach HC500 Kompressor Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den Scheppach HC500 Kompressor, inklusive Sicherheitshinweisen, technischen Daten und Wartungsanleitungen für den sicheren und effizienten Betrieb.</p>
	<p>Scheppach HC25Si Compressor: User Manual, Safety, and Technical Specifications</p> <p>Comprehensive guide for the Scheppach HC25Si compressor, covering setup, operation, safety instructions, technical data, maintenance, troubleshooting, and warranty information.</p>
	<p>Scheppach HC54 Kompressor Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den Scheppach HC54 Kompressor, die detaillierte Informationen zur sicheren Installation, Bedienung und Wartung des Geräts bietet. Enthält Sicherheitshinweise, technische Daten und Anleitungen zur Fehlerbehebung.</p>
	<p>Scheppach HC550TC 230V Air Compressor User Manual</p> <p>Comprehensive user manual for the Scheppach HC550TC 230V air compressor, covering setup, operation, safety, maintenance, and troubleshooting. Includes detailed instructions and technical specifications.</p>



[Scheppach HC53dc Air Compressor User Manual](#)

Comprehensive user manual for the Scheppach HC53dc air compressor, detailing setup, operation, safety instructions, and maintenance for optimal performance and longevity.