

Scheppach HWW1400

Scheppach HWW1400 Domestic Waterworks Instruction Manual

Model: HWW1400 | Brand: Scheppach

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Scheppach HWW1400 Domestic Waterworks. Please read these instructions carefully before installation, operation, or maintenance. Proper use and care will ensure long-term performance and safety.



Image 1.1: The Scheppach HWW1400 Domestic Waterworks, featuring a red and black design with integrated pressure gauge and carry handle.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury and damage to the unit:

- Ensure the power supply matches the specifications on the product label.

- Do not operate the pump with flammable or corrosive liquids.
- Protect the pump from frost. Drain all water during winter storage.
- Always disconnect the power before performing any maintenance or cleaning.
- Keep children and unauthorized persons away from the operating pump.
- Ensure proper ventilation around the pump during operation.
- Do not run the pump dry. Ensure a continuous water supply to prevent damage.

3. WHAT'S IN THE BOX

Upon unpacking, please verify that all components are present and undamaged:

- Scheppach HWW1400 Domestic Waterworks unit
- Integrated Pressure Gauge
- Carry Handle (pre-attached)

If any parts are missing or damaged, please contact your retailer immediately.

4. SETUP

Follow these steps for initial setup:

1. **Placement:** Position the waterworks on a stable, level surface, protected from direct weather exposure and frost. Ensure adequate space for ventilation and connections.
2. **Suction Line Connection:** Connect a suitable suction hose (not included) to the pump's suction inlet. Ensure the suction hose is airtight and has a non-return valve at the end submerged in the water source (well, cistern, rainwater tank). The maximum suction height is 8 meters.
3. **Pressure Line Connection:** Connect the pressure line (e.g., garden hose) to the G1" outlet. The G1" connection size allows for easy attachment of conventional garden hoses.



VORTEILE

- Ideal geeignet für die häufige Entnahme kleinerer Wassermengen, z. B. für die Toilettenspülung
- Der Ausgleichsbehälter speichert Wasser, dadurch arbeitet das Hauswasserwerk äußerst effektiv und senkt die Energiekosten

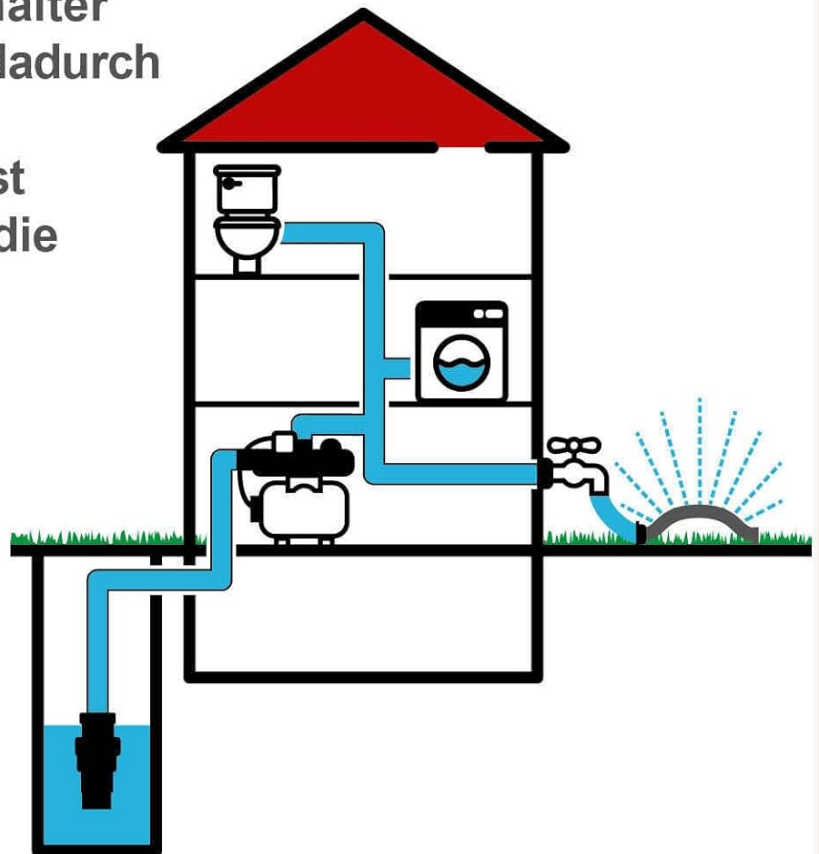


Image 4.1: Close-up of the G1" connection point, designed for easy attachment of standard garden hoses.

4. **Filling the Pump:** Before first use, fill the pump housing completely with water through the designated filling opening until it overflows. This is crucial for priming the pump.
5. **Pre-filter:** The integrated, removable pre-filter prevents damage from coarse dirt particles entering the pumping unit. Regularly check and clean this filter.



Image 4.2: The transparent, removable pre-filter, which protects the pump from debris in the water supply.

6. **Power Connection:** Connect the power cable to a properly grounded electrical outlet.

5. OPERATION

The Scheppach HWW1400 is designed for automatic water supply in your home and garden, utilizing resources from wells, rainwater barrels, or cisterns. It is particularly suitable for frequent withdrawal of smaller water quantities, such as for toilet flushing.

- **Automatic Operation:** The integrated pressure switch automatically turns the pump on when water is drawn and the pressure drops below 1.5 bar, and turns it off when the pressure reaches 3 bar.
- **Pressure Tank:** The 24-liter pressure tank stores water, allowing the pump to operate more efficiently and reducing energy costs by preventing frequent short cycling for small water demands.
- **Monitoring:** The integrated pressure gauge displays the current tank pressure.



Die Anschlussgröße von G1" ermöglicht ein einfaches Anschließen herkömmlicher Gartenschläuche.

Image 5.1: Diagram illustrating the benefits of the domestic waterworks, including its suitability for toilet flushing and efficient operation due to the storage tank.

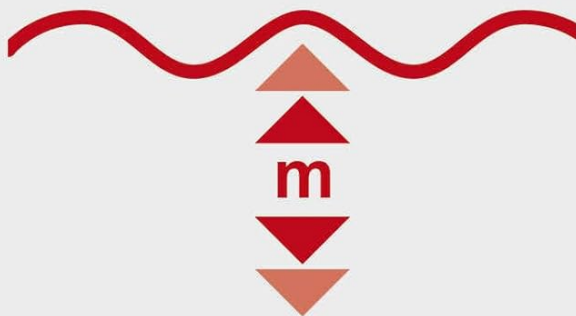
**Max. Fördermenge
6000 L/h**



Max. Förderhöhe 48 m



Max. Ansaughöhe 8 m



Max. Förderdruck 4,8 bar



Image 5.2: Visual representation of key performance metrics: Max. flow rate 6000 L/h, Max. delivery head 48 m, Max. suction height 8 m, Max. delivery pressure 4.8 bar.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your waterworks:

- **Pre-filter Cleaning:** Regularly inspect and clean the removable pre-filter. Turn off the pump and disconnect power before opening the filter housing. Rinse the filter under running water.
- **Winterization:** Before the first frost, completely drain all water from the pump and connected hoses to prevent frost damage. Store the pump in a frost-free environment.
- **General Cleaning:** Keep the exterior of the pump clean. Use a damp cloth to wipe off dust and dirt. Do not use aggressive cleaning agents.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions:

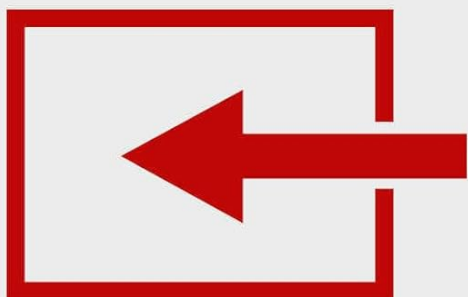
Problem	Possible Cause	Solution
Pump does not start	No power supply Motor protection activated Pressure switch malfunction	Check power connection and fuse Allow motor to cool down Check pressure switch settings/function
No water delivery / Low pressure	Pump not primed Air in suction line Suction line blocked/leaking Pre-filter clogged Water level too low	Refill pump with water Check suction line for leaks, tighten connections Clean pre-filter Ensure sufficient water in source
Pump runs continuously	Leak in pressure system Pressure switch faulty Non-return valve faulty	Check all connections and hoses for leaks Inspect/replace pressure switch Check/replace non-return valve

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model	HWW1400
Manufacturer	Scheppach
Power	1300 Watt
Voltage	230 Volt
Max. Flow Rate	6000 Liters per Hour
Max. Delivery Head	48 Meters
Max. Suction Height	8 Meters
Max. Delivery Pressure	4.8 bar
Switch-on Pressure	1.5 bar
Switch-off Pressure	3 bar
Tank Capacity	24 Liters
Max. Water Temperature	35°C
Material	Stainless Steel
Weight	16.4 Kilograms
Drive Type	Corded Electric

Motorleistung 1300 Watt



Robust

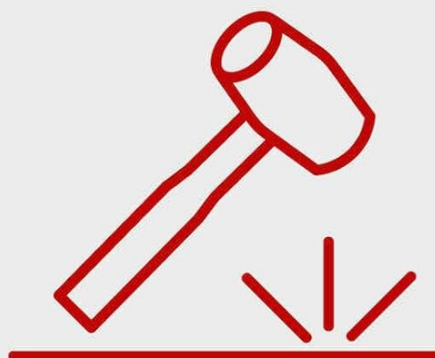


Image 8.1: Icons representing the 1300 Watt motor power and robust construction of the unit.



Der Vorfilter verhindert Schäden durch Schmutzpartikel, die sich in der Zuleitung befinden können.

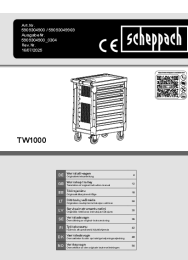
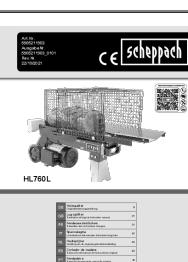
Image 8.2: Close-up of the practical carry handle, designed for mobile use and easy transport of the waterworks.

9. WARRANTY AND SUPPORT

Scheppach products are manufactured with high quality standards. For warranty claims or technical support, please refer to the warranty information provided with your purchase or visit the official Scheppach website. Keep your proof of purchase for any warranty inquiries.

For further assistance, you may contact Scheppach customer service directly. Contact details can typically be found on the manufacturer's website or in the product packaging.

Related Documents - HWW1400

	scheppach TW1100 IX-WW1100 Werkstattwagen Bedienungsanleitung Entdecken Sie den scheppach TW1100 IX-WW1100 Werkstattwagen. Diese Bedienungsanleitung bietet detaillierte Informationen zur sicheren Handhabung, Montage und Wartung Ihres Werkstattwagens.
	Scheppach HSC130 Steintrenner Bedienungsanleitung Die Bedienungsanleitung für den Scheppach HSC130 Steintrenner bietet detaillierte Anweisungen zur sicheren Montage, Inbetriebnahme, Wartung und Fehlerbehebung dieses leistungsstarken Geräts für Haus und Garten.
	scheppach TW1000 Werkstattwagen Bedienungsanleitung Umfassende Anleitung für den scheppach TW1000 Werkstattwagen, die Montage, Bedienung, Sicherheitshinweise, Wartung und Entsorgung abdeckt. Erfahren Sie, wie Sie Ihren Werkstattwagen sicher und effizient nutzen.
	scheppach HL760L Holzspalter Bedienungsanleitung Umfassende Bedienungsanleitung für den scheppach HL760L Holzspalter. Erfahren Sie alles über sichere Handhabung, Montage, Betrieb, Wartung und Fehlerbehebung dieses leistungsstarken Holzbearbeitungsgeräts von Scheppach GmbH.
	Scheppach HL815 Holzspalter Bedienungsanleitung Umfassende Bedienungsanleitung für den Scheppach HL815 Holzspalter. Enthält Sicherheitshinweise, Montageanleitungen, technische Daten und Wartungsempfehlungen für einen sicheren und effizienten Betrieb. Unterstützt mehrere Sprachen.
	scheppach HL730 Holzspalter: Umfassende Bedienungsanleitung Diese Bedienungsanleitung bietet detaillierte Informationen für den sicheren und effizienten Einsatz des scheppach HL730 Holzspalters, inklusive Sicherheitshinweisen, Montage, Betrieb und Wartung.

