

Scheppach HP1900S

Scheppach Petrol Vibrating Plate HP1900S Instruction Manual

Model: HP1900S

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Scheppach Petrol Vibrating Plate HP1900S. Please read this manual thoroughly before operating the machine and keep it for future reference.

The Scheppach HP1900S is a powerful compaction tool designed for various applications, including soil, sand, and paving work. It features a 5.6 HP petrol engine, delivering 17000 N of compaction pressure and a flow speed of 25 m/min, with a compaction depth of 30 cm.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions can result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, safety footwear, and gloves.
- Ensure the work area is clear of bystanders, especially children and pets.
- Operate the machine only in well-ventilated areas to avoid carbon monoxide poisoning.
- Never refuel the engine while it is running or hot. Allow the engine to cool before adding fuel.
- Keep hands and feet away from moving parts.
- Inspect the machine for damage or loose parts before each use. Do not operate if damaged.
- Familiarize yourself with the controls and emergency stop procedures.

3. SETUP AND ASSEMBLY

The Scheppach HP1900S comes partially assembled. Follow these steps to prepare your vibrating plate for first use.

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. The package includes the main vibratory plate unit, a driving device for transport, and a black rubber mat for paving work.

3.2 Handle Assembly

Attach the handle to the main unit using the provided hardware. Ensure all bolts are securely tightened. The handle is designed for ergonomic operation and control.

3.3 Driving Device Installation

The driving device (wheels) can be attached for easy transportation of the unit. Refer to the diagrams for correct attachment. This device allows one person to move the plate without excessive strain.

3.4 Fuel and Oil

This machine is petrol-powered. Fill the fuel tank with unleaded petrol. Check the engine oil level and fill with the recommended engine oil type (refer to engine manual for specifics) to the appropriate mark on the dipstick. Do not overfill.



Image 1: Scheppach HP1900S Petrol Vibrating Plate with included rubber mat and driving device.

4. OPERATING INSTRUCTIONS

4.1 Pre-Operation Checks

- Check fuel and oil levels.
- Inspect air filter for cleanliness.
- Ensure all fasteners are tight.
- Verify the work area is clear and safe.

4.2 Starting the Engine

1. Open the fuel valve.
2. Set the choke lever to the 'CHOKE' position (cold engine).
3. Set the throttle lever to the 'FAST' position.
4. Pull the starter rope firmly until the engine starts.
5. Once the engine starts, gradually move the choke lever to the 'RUN' position.
6. Allow the engine to warm up for a few minutes before beginning compaction.

4.3 Compaction Operation

The HP1900S is designed for compacting soil, sand, gravel, and paving stones. Its automatic forward movement simplifies operation.

- **Soil/Sand Compaction:** Position the plate on the area to be compacted. Guide the machine with the handle, allowing it to move forward at its operating speed of 25 m/min. Overlap passes to ensure uniform compaction. The machine achieves a compaction depth of 30 cm.
- **Paving Work:** For compacting paving stones, attach the black rubber mat to the base plate. This prevents damage to the surface of the paving stones while ensuring effective compaction.



Die Verdichtung durch die Rüttelplatte verhindert das Absacken des Untergrunds.

Image 2: The vibratory plate compacts the subsoil to prevent subsidence.



Die HP1900s eignet sich ebenfalls zur Verdichtung verschiedenster Materialien.

Image 3: The HP1900S is suitable for compacting various materials.

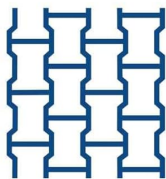


ANWENDUNGSBEISPIELE

Hausbau



Wegebau



Baustelle



Handwerk



Landschaftsbau



Image 4: Application examples include house construction, road construction, general construction, craftsmanship, and landscaping.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your vibrating plate.

5.1 Daily Maintenance

- Clean the machine after each use, removing dirt and debris from the engine and plate.
- Check engine oil level.
- Inspect air filter. Clean or replace if necessary.
- Check for loose bolts or damaged components.

5.2 Periodic Maintenance

- **Engine Oil Change:** Change engine oil after the first 20 hours of operation, then every 50 hours or annually.
- **Spark Plug:** Inspect and clean the spark plug every 100 hours. Replace if worn.
- **Fuel Filter:** Inspect and clean or replace the fuel filter as needed.
- **V-Belt:** Check the V-belt tension and condition. Adjust or replace if worn.

5.3 Storage

When storing the machine for an extended period:

- Drain the fuel tank or add a fuel stabilizer.
- Change the engine oil.
- Clean the machine thoroughly.
- Store in a dry, clean area, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your vibrating plate.

Problem	Possible Cause	Solution
Engine does not start	No fuel; Choke incorrect; Spark plug faulty; Fuel filter clogged	Add fuel; Adjust choke; Clean/replace spark plug; Clean/replace fuel filter
Loss of power during operation	Air filter clogged; Incorrect engine oil level; Overload	Clean/replace air filter; Check/adjust oil level; Reduce load
Poor compaction	Insufficient passes; Incorrect operating speed; Worn vibrator components	Increase number of passes; Maintain steady operating speed; Contact service for inspection
Excessive vibration or noise	Loose components; Damaged vibrator; Engine mounting issues	Check all fasteners; Contact service for inspection

If you encounter problems not listed here or if solutions do not resolve the issue, please contact Scheppach customer support or an authorized service center.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Scheppach
Model Number	17192 (HP1900S)
Power Source	Petrol powered
Horsepower	5.6 HP
Wattage	4.1 KW
Compaction Pressure	17000 N
Plate Size	530 x 350 mm
Flow Speed	25 m/min
Compaction Depth	30 cm
Item Weight	2.2 pounds (Note: This weight seems incorrect for a vibratory plate, typically much heavier. Please refer to product packaging for accurate weight.)
Product Dimensions	44.88 x 16.14 x 33.07 inches
Surface Recommendation	Soil/Sand
Included Components	Driving Device, Black Rubber Mat



Image 5: Visual representation of 30 cm compaction depth and 17000 N compaction pressure.

17000 N
Verdichtungsdruck



25 m/min
Vorlaufgeschwindigkeit



5900
Vibrationsstöße/min



30 cm
Verdichtungstiefe

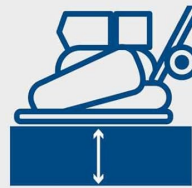
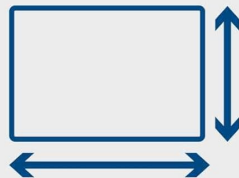


Image 6: Key performance metrics: 17000 N compaction pressure, 25 m/min flow speed, 5900 vibrations per minute, and 30 cm compaction depth.

530 x 350 mm
Plattengröße



Robust



Transportabel



Transportabel



Image 7: Features include a plate size of 530 x 350 mm, robust construction, and transportability.

8. WARRANTY INFORMATION

Scheppach products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Scheppach website. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, spare parts, or service inquiries, please contact Scheppach customer support. You can

typically find contact information on the manufacturer's website or in the documentation provided with your product.
Online Resources: Visit the official Scheppach website for product information, FAQs, and support contact details.

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Related Documents - HP1900S

	Scheppach HP3000S Plate Compactor Operator's Manual Comprehensive operator's manual for the Scheppach HP3000S plate compactor. Learn about safe operation, technical specifications, maintenance, and troubleshooting for this powerful compaction equipment.
	Scheppach HP1800S Rüttelplatte: Bedienungs- und Sicherheitshandbuch Diese Anleitung bietet umfassende Informationen für den sicheren und effizienten Betrieb, die Wartung und Fehlerbehebung der Scheppach HP1800S Rüttelplatte. Erfahren Sie mehr über ihre Funktionen, Anwendungen und wesentlichen Sicherheitshinweise.
	Scheppach HP2200S: Bedienungsanleitung und Produktinformationen Diese Anleitung bietet detaillierte Informationen zur sicheren Bedienung, Wartung und Verwendung der Scheppach HP2200S Vibrationsplatte. Erfahren Sie mehr über die technischen Daten und Sicherheitsvorkehrungen.
	scheppach MS225-53E Benzin Rasenmäher Bedienungsanleitung Umfassende Bedienungsanleitung für den scheppach MS225-53E Benzin Rasenmäher. Enthält Sicherheitshinweise, Montage, Bedienung, Wartung und Fehlerbehebung für optimale Leistung und Langlebigkeit.
	Scheppach MR224-61 Bedienungsanleitung Offizielle Bedienungsanleitung für den Scheppach MR224-61 Benzin-Aufsitzrasenmäher. Enthält detaillierte Informationen zur sicheren Bedienung, Montage, Wartung, Fehlerbehebung und technischen Daten für Ihre Scheppach Rasenpflegegeräte.
	scheppach PCS56 Benzin-Kettensäge: Betriebsanleitung Die offizielle Betriebsanleitung für die scheppach PCS56 Benzin-Kettensäge. Enthält wichtige Informationen zur sicheren Bedienung, Wartung und Fehlerbehebung für optimale Leistung und Langlebigkeit.

Documents - Scheppach – HP1900S



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Benutzerhandbuch für Scheppach Benzin Rüttelplatte HP1900S 5 6PS 17kN Fahrvorrichtung GummimatteScheppach Gummimatte Lefeld Werkzeug Onlineshop1
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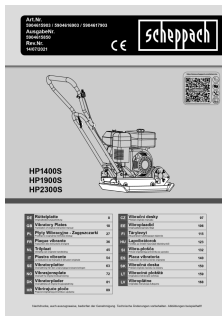


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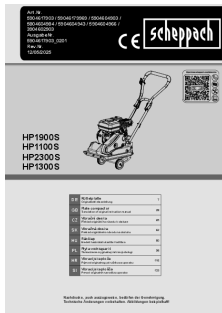
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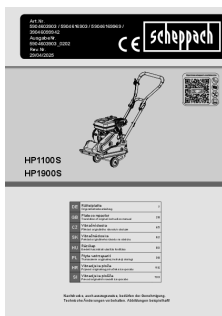
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