

Scheppach IW900

SCHEPPACH IW900 Impact Wrench User Manual

Model: IW900 | **Brand:** Scheppach

Important: Read this manual carefully before use.

1. SAFETY INSTRUCTIONS

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

1.1 General Power Tool Safety

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

1.2 Specific Safety Warnings for Impact Wrenches

- Always wear eye protection and hearing protection when operating an impact wrench.
- Secure the workpiece. Use clamps or a vise to hold the workpiece. This is safer than using your hand and it frees both hands to operate the tool.

- Ensure the socket is correctly fitted and secured before operation.
- Avoid touching the rotating parts during operation.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.

2. PRODUCT OVERVIEW

The Scheppach IW900 is a powerful electric impact wrench designed for tightening and loosening fasteners. Its robust 900W motor delivers significant torque, making it suitable for various applications from automotive tasks to general workshop use. The ergonomic design ensures comfortable operation.



Figure 2.1: The Scheppach IW900 Impact Wrench, showcasing its blue and silver housing with a red trigger.

2.1 Included Components

The following items are included with your Scheppach IW900 Impact Wrench:

- Scheppach IW900 Impact Wrench unit
- 4 x Key Sockets (17mm, 19mm, 21mm, 23mm)
- Storage Bag/Case



Figure 2.2: The four included key sockets (17mm, 19mm, 21mm, 23mm) for the impact wrench.



Figure 2.3: The Scheppach IW900 Impact Wrench and its accessories neatly stored in the provided plastic case.

3. SETUP

1. **Unpacking:** Carefully remove the impact wrench and all accessories from the packaging. Inspect for any damage that may have occurred during transit.
2. **Socket Attachment:**
 - Ensure the impact wrench is unplugged from the power source.
 - Select the appropriate socket size (17mm, 19mm, 21mm, or 23mm) for your application.
 - Align the square drive of the socket with the 1/2" square drive on the impact wrench.

- Push the socket firmly onto the drive until it clicks into place, ensuring it is securely seated.
3. **Power Connection:** Connect the power cord to a suitable 230V AC power outlet. Ensure the outlet is properly grounded.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To turn the tool ON, press the trigger switch.
- To turn the tool OFF, release the trigger switch.

4.2 Forward/Reverse Rotation

The impact wrench features a switch for selecting forward (tightening) or reverse (loosening) rotation. This switch is typically located near the trigger.

- **Forward (Tightening):** Push the switch to the 'F' or 'R' (for Right) position. The tool will rotate clockwise.
- **Reverse (Loosening):** Push the switch to the 'R' or 'L' (for Left) position. The tool will rotate counter-clockwise.
- Always ensure the tool has come to a complete stop before changing the direction of rotation.

4.3 Using the Impact Wrench

1. Ensure the correct socket is securely attached.
2. Select the desired rotation direction (forward for tightening, reverse for loosening).
3. Place the socket onto the fastener (nut or bolt head).
4. Hold the tool firmly with both hands if necessary, maintaining a stable grip.
5. Press the trigger switch to begin operation. The tool will apply rotational force and impact action to the fastener.
6. For tightening, stop when the fastener is snug. Avoid over-tightening, which can damage fasteners or the workpiece. For critical applications, always use a torque wrench for final tightening to specified torque values.
7. For loosening, continue until the fastener is free.
8. Release the trigger to stop the tool.

CAUTION: The impact action can generate significant force. Be prepared for the tool to react during operation. Do not apply excessive pressure; let the tool do the work.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your impact wrench.

- **Cleaning:** After each use, wipe down the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are clear of dust and debris.
- **Inspection:** Periodically inspect the power cord for damage. Check the square drive for wear. Ensure all screws are tight.
- **Storage:** Store the impact wrench and its accessories in the provided case, in a dry, secure location out of reach of children.

- **Lubrication:** This tool is generally maintenance-free regarding internal lubrication. Do not attempt to lubricate internal components unless specifically instructed by a qualified service technician.

WARNING: Always disconnect the tool from the power supply before performing any cleaning or maintenance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply; Damaged power cord; Faulty switch	Check power connection and outlet; Inspect power cord for damage; Contact qualified service personnel.
Reduced power/torque	Low voltage; Worn motor brushes (if applicable); Overheating	Ensure stable power supply; Allow tool to cool down; Contact qualified service personnel.
Excessive vibration or noise	Loose components; Damaged internal parts; Incorrectly fitted socket	Ensure socket is correctly fitted; Discontinue use and contact qualified service personnel.

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

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	IW900
Power Input	900 W
Voltage	230 V (AC)
Max. Torque	320 Nm
No-load Speed	2400 rpm
Impact Rate	4800 strokes/min
Tool Holder	1/2" Square Drive
Weight	3.3 kg
Material	Metal

8. WARRANTY AND SUPPORT

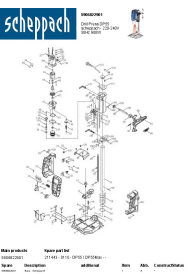


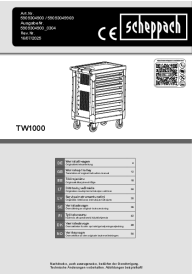
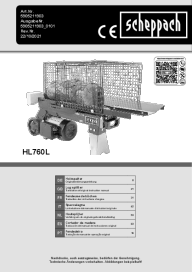
Scheppach products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official Scheppach website. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or service inquiries, please contact your local Scheppach dealer or the official Scheppach customer service department. Contact details can typically be found on the product

packaging or the manufacturer's website.

© 2023 Scheppach. All rights reserved. Information in this manual is subject to change without notice.

Related Documents - IW900

	<p>Scheppach Drill Press DP55 (5906822901) Spare Parts List and Diagram</p> <p>Comprehensive spare parts list and exploded view diagram for the Scheppach Drill Press DP55 (Model 5906822901), including part numbers, descriptions, and assembly references.</p>
	<p>scheppach TW1100 IX-WW1100 Werkstattwagen Bedienungsanleitung</p> <p>Entdecken Sie den scheppach TW1100 IX-WW1100 Werkstattwagen. Diese Bedienungsanleitung bietet detaillierte Informationen zur sicheren Handhabung, Montage und Wartung Ihres Werkstattwagens.</p>
	<p>Scheppach HSC130 Steintrenner Bedienungsanleitung</p> <p>Die Bedienungsanleitung für den Scheppach HSC130 Steintrenner bietet detaillierte Anweisungen zur sicheren Montage, Inbetriebnahme, Wartung und Fehlerbehebung dieses leistungsstarken Geräts für Haus und Garten.</p>
	<p>scheppach TW1000 Werkstattwagen Bedienungsanleitung</p> <p>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.</p>
	<p>scheppach HL760L Holzspalter Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den scheppach HL760L Holzspalter. Erfahren Sie alles über sichere Handhabung, Montage, Betrieb, Wartung und Fehlerbehebung dieses leistungsstarken Holzbearbeitungsgeräts von Scheppach GmbH.</p>



[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.