

GRAPHITE 58G862

Graphite 58G862 Percussion Hammer User Manual

Model: 58G862 | Brand: GRAPHITE

INTRODUCTION

Thank you for choosing the Graphite 58G862 Percussion Hammer. This powerful and versatile tool is designed for demanding drilling and chiseling tasks in concrete, masonry, and other hard materials. Featuring a robust 1500W motor and 4.5 J impact energy, it delivers efficient performance. The integrated Anti-Vibration System (AHV) significantly reduces vibrations, enhancing user comfort and safety. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool. Please read it thoroughly before first use and keep it for future reference.

GENERAL SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual handy for quick reference.

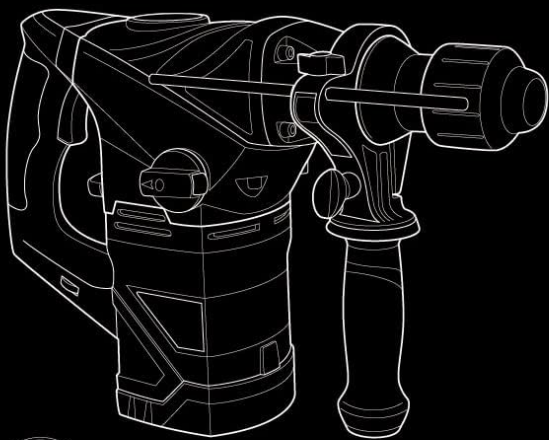
- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Wear a dust mask if working in dusty conditions. Dress properly; avoid loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Safety Clutch:** The hammer is equipped with a safety clutch that protects the user in case of drill bit jamming. This feature helps prevent kickback.
- **Anti-Vibration System (AHV):** The AHV system minimizes vibrations, but prolonged use still requires breaks to prevent fatigue.

COMPONENTS OVERVIEW

Familiarize yourself with the parts of your Graphite 58G862 Percussion Hammer for optimal use and maintenance.



Figure 1: Main view of the Graphite 58G862 Percussion Hammer, showing the chuck, auxiliary handle, and main body.



ANTI-VIBRATION HANDLE

SDS PLUS

3 FUNCTION

ADJUSTABLE HANDLE

PL Młot udarowy	Anty-wibracyjna rękojeść	Uchwyt SDS-plus	Trzyfunkcyjny	Regulowana rękojeść
GB Hammer drill	Anti-vibration handle	SDS-plus chuck	Three functions	Adjustable handle
DE Schlaghammer	Anti-Vibrationshandgriff	SDS-plus-Aufnahme	Mit drei Funktionen	Verstellbarer Handgriff
RU Перфоратор	Антивибрационная рукоятка	Патрон SDS-plus	Трёхрежимный	Регулируемая рукоятка
UA Перфоратор	Ручка з поглинанням коливань	Хвостовик SDS-plus	З трьома функціями	Регульована кутка нахилу рукоятки
HU Vésőkalapács	Resztécsökkentő fogantyú	SDS-plus befogás	Háromfunkciós	Szabályozható fogantyú
RO Pickamer	Mâner anti-vibrator	Dispozitiv de prindere SDS-plus	Trifuncțional	Mâner ajustabil
CZ Bourací kladivo	Antivibrační rukovět	Úchyt SDS-plus	Třifunkční	Nastavitelná rukovět
SK Príklepové kladivo	Antivibračná rukoväť	Úchyt SDS-plus	Trojfunkčný	Rukoväť s reguláciou
SI Udarno kladivo	Protivibracijski ročaj	Vpenjalo SDS-plus	Trojfunkcijski	Regulirajamais ročaj
LT Atakėlimo plaktukas	Antivibracinė rankena	Griebtuvas SDS-plus	Trejų funkcijų	Reguliuojama rankena
LV Triecienveiseris	Previbrācijas rokturis	SDS-plus tipa urbipatrone	Tāsfunkcionāls	Regulējamaais rokturis
EE Puurvasar	Vibratsioonivastane käepide	SDS-plus käepide	Kolme funktsioonioline	Reguleeritav käepide
BG Кърпач	Антивибрационна дръжка	Захват SDS-plus	Трифункционален	Регулируем захват
HR Udarni čekić	Antivibracijska drška	Držak SDS-plus	Trofunkcijski	Regulirana drška
SR Udarni čekić	Antivibrirajući držač	Držač SDS-plus	Trofunkcionalni	Podržani držač
GR Σπύρα	Αντιβιβαριστική λαβή	Υποδοχή SDS-plus	Με τριπλό evalλακτικό τρόπο λειτουργίας	Ρυθμιζόμεν λαβή
PT Martelo de percussão	Empunhadura anti-vibração	Portabrocas SDS-plus	Tres funciones	Empunhadura ajustable
IT Martello demolitore	Impugnatura antivibrazioni	Mandrino SDS-plus	A tre funzioni	Impugnatura regolabile
PT Martelo de impacto	Cabo anti-vibração	Suporte SDS-plus	De três funções	Cabo regulável
FR Marteau à chocs	Poignée anti-vibatoire	Manchon SDS-plus	Trifonctionnel	Poignée réglable
NL Slaghamer	Antivibratiehandgreep	SDS-plus handvat	Met drie functies	Verstellbare handgreep

GREASE

x1

x1

x1

x1

x1

1500 W 230V-50Hz n_c: 750 min⁻¹ 3200 min⁻¹ 4,5 J max 40mm max 13mm max 36mm

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Figure 2: Detailed diagram illustrating key features such as the SDS-Plus chuck, anti-vibration handle, 3-function selector, and adjustable handle.

Key Components:

- **SDS-Plus Chuck:** For quick and secure bit changes.
- **Auxiliary Handle:** Provides additional grip and control, adjustable for left or right-handed use.
- **Mode Selector Switch:** Allows selection between drilling, hammer drilling, and chiseling functions.
- **Depth Stop:** For precise drilling depth control.
- **Power Cord:** Durable 3-meter cable for extended reach.
- **Magnesium Alloy Gearbox Housing:** Protects internal components and dissipates heat.

SETUP AND ASSEMBLY

Before operating the tool, ensure proper setup and assembly of all components.

Included Accessories:



Figure 3: Standard accessories include a depth stop, chisel, and drill bits for concrete.

1. **Attaching the Auxiliary Handle:** Loosen the auxiliary handle clamp, slide the handle onto the tool's neck, adjust to a comfortable position, and tighten the clamp securely.
2. **Inserting SDS-Plus Bits:**



Figure 4: Illustration of SDS-Plus bit insertion into the chuck.

- a. Clean the shank of the SDS-Plus bit.
 - b. Insert the bit into the chuck until it clicks into place.
 - c. Pull the bit to ensure it is securely locked. A slight axial play is normal for SDS-Plus systems.
3. **Adjusting the Depth Stop:** Insert the depth stop into its holder. Adjust its position to achieve the desired drilling depth and tighten the locking screw.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your percussion hammer.

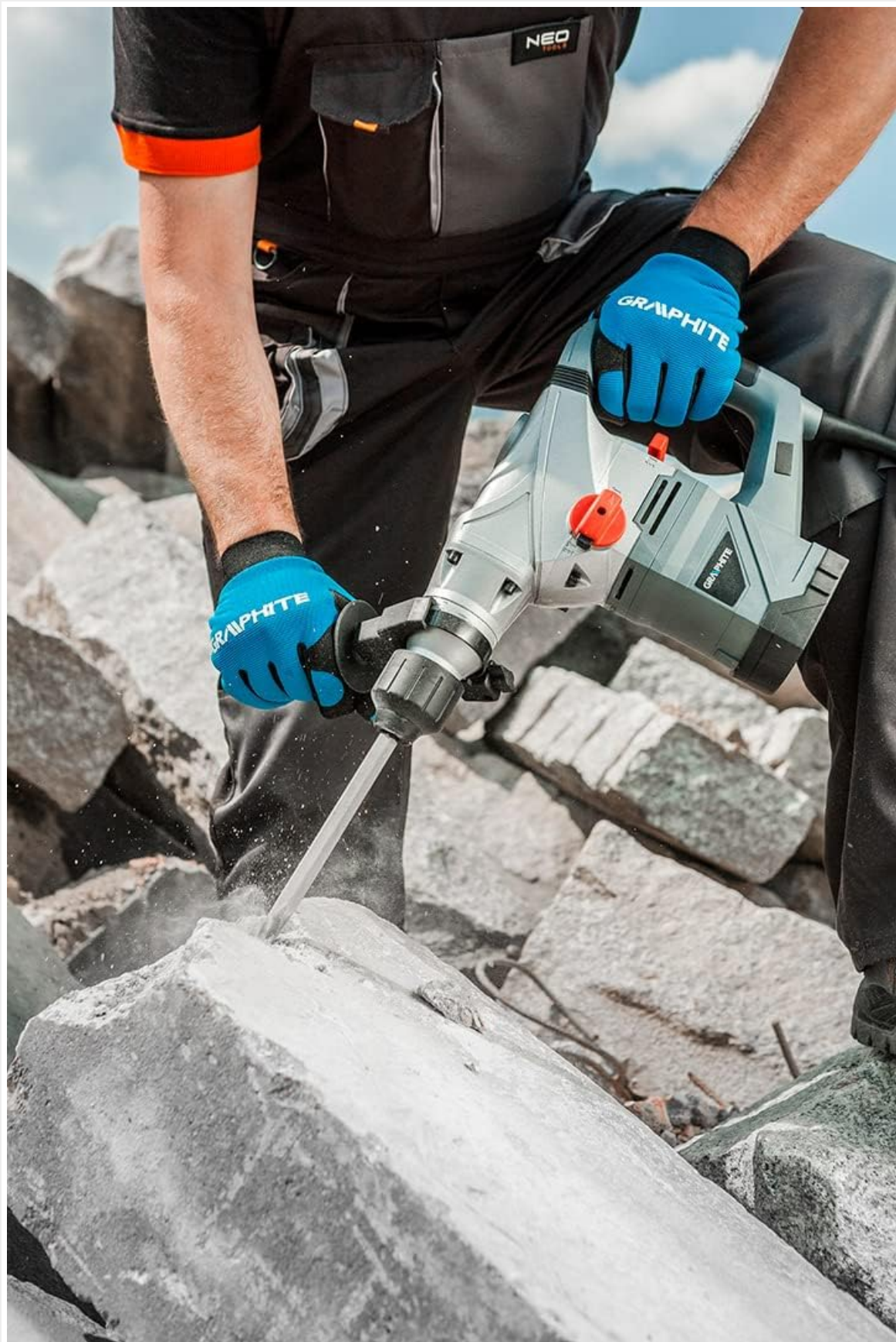


Figure 5: Proper grip and posture while operating the percussion hammer for drilling into concrete.

Selecting Operating Mode:

Use the mode selector switch to choose the appropriate function:

- **Drilling (Rotation Only):** For drilling in wood, metal, or plastic. No hammering action.
- **Hammer Drilling (Rotation with Hammering):** For drilling in concrete, brick, and stone.

- **Chiseling (Hammering Only):** For light chiseling, breaking, or demolition work. The rotation is disengaged.

General Operation:

1. Ensure the correct bit or chisel is securely installed.
2. Select the desired operating mode.
3. Hold the tool firmly with both hands, using the main handle and the auxiliary handle.
4. Position the bit on the workpiece.
5. Press the trigger switch to start the tool.
6. Apply steady, even pressure. Do not force the tool; let the hammer action do the work.
7. When finished, release the trigger switch and wait for the tool to come to a complete stop before setting it down.

Maintenance and Care

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

- **Cleaning:** After each use, clean the tool's ventilation slots and housing with a soft brush or compressed air. Do not use water or chemical cleaners.
- **Lubrication:** Periodically apply a small amount of grease to the SDS-Plus chuck to ensure smooth bit insertion and removal.
- **Carbon Brushes:** The carbon brushes are self-disconnecting. If the tool stops working, it may be due to worn brushes. Contact authorized service for replacement.
- **Cord Inspection:** Regularly inspect the power cord for any damage. If damaged, have it replaced by a qualified electrician.
- **Storage:** Store the tool in a dry, secure place, out of reach of children.

Troubleshooting

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Tool does not start.	No power supply; damaged cord; worn carbon brushes.	Check power connection. Inspect cord for damage. Contact service for brush replacement.
Reduced hammering action.	Insufficient lubrication; worn internal components.	Apply grease to chuck. Contact service for inspection.
Bit jams frequently.	Incorrect bit for material; excessive pressure; dull bit.	Use appropriate bit. Apply steady, not excessive, pressure. Replace dull bits.
Excessive vibration.	Damaged bit; internal issue.	Check bit for damage. If problem persists, contact service.

Technical Specifications

Feature	Specification
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Feature	Specification
Model Number	58G862
Manufacturer	Graphite
Power Input	1500 Watts
Voltage	230 Volts
Impact Energy	4.5 Joules
No-load Speed	800 min ⁻¹
Impact Rate	3000 min ⁻¹
Drilling Capacity (Concrete)	36 mm
Chuck Type	SDS-Plus
Cable Length	3 meters
Weight	6 kg (6000 Grams)
Dimensions (L x W x H)	36.8 x 48.8 x 14.7 cm

WARRANTY AND SUPPORT

The Graphite 58G862 Percussion Hammer comes with a 3-year warranty, as indicated on the product packaging and promotional materials. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or spare parts inquiries, please contact your point of purchase or visit the official Graphite website. Ensure you have your proof of purchase and the product model number (58G862) ready when contacting support.

Please note that availability of spare parts information is not directly provided in the product data, but for any service needs, contacting the manufacturer or authorized service center is recommended.



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Related Documents - 58G862

GRAPHITE  58G862 	GRAPHITE 58G862 Młot Wyburzeniowy - Instrukcja Obsługi Instrukcja obsługi młota wyburzeniowego GRAPHITE model 58G862. Zawiera szczegółowe informacje dotyczące bezpieczeństwa, przygotowania do pracy, obsługi, konserwacji oraz dane techniczne narzędzia.
GRAPHITE  58G019 	GRAPHITE 58G019: Instrukcja Obsługi Akumulatorowej Wiertarko-Wkrętarki Bezszcotkowej Szczegółowa instrukcja obsługi dla akumulatorowej wiertarko-wkrętarki GRAPHITE model 58G019. Dokument zawiera kluczowe informacje dotyczące bezpiecznego użytkowania, obsługi, konserwacji oraz specyfikacje techniczne tego wydajnego narzędzia akumulatorowego.
GRAPHITE  58G029 	GRAPHITE 58G029 Akumulatorowe Sekatory Instrukcja Obsługi Instrukcja obsługi dla sekatora akumulatorowego GRAPHITE, model 58G029. Zawiera szczegółowe przepisy bezpieczeństwa, informacje o obsłudze, konserwacji i parametrach technicznych.
GRAPHITE  58G017 	GRAPHITE Pilarka szablowa akumulatorowa 58G017 - Instrukcja obsługi Poznaj GRAPHITE Pilarka szablowa akumulatorowa 58G017. Instrukcja obsługi zawiera szczegółowe informacje o bezpieczeństwie, użytkowaniu i konserwacji tego wydajnego narzędzia akumulatorowego.
GRAPHITE  58G492 	GRAPHITE 58G492 Circular Saw User Manual Comprehensive user manual for the GRAPHITE 58G492 circular saw, covering safety instructions, operation, maintenance, and technical specifications. Includes laser guide functionality.

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[GRAPHITE 59G678 Instrukcja obsługi struga elektrycznego](#)

Szczegółowa instrukcja obsługi i bezpieczeństwa dla struga elektrycznego GRAPHITE model 59G678. Dokument zawiera informacje o budowie, przygotowaniu do pracy, obsłudze, konserwacji, wymianie części oraz dane techniczne i środki bezpieczeństwa.