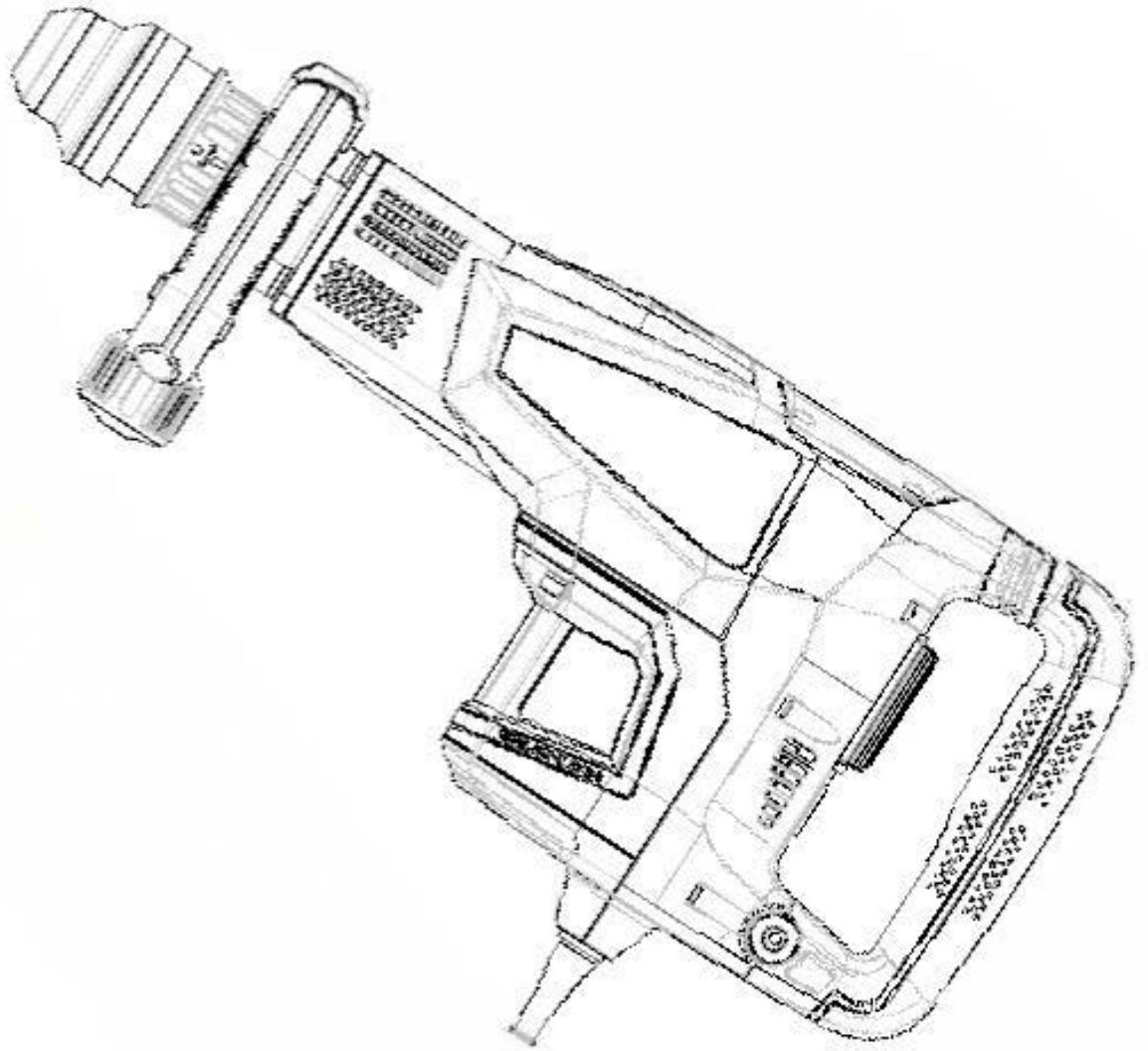


DEMOLITION HAMMER

Model: TBREAK025



OPERATING INSTRUCTIONS / USER MANUAL



Please read this manual carefully before use. Retain it for future reference. Failure to follow safety instructions may result in injury or product damage.



E&OE Please Note that details and specifications contained herein, are correct at the time of publishing. Adendorff reserve the right to change specifications at any time without prior notification.

vs1

TABLE OF CONTENTS

Introduction	2
Technical Details & Specifications	3
Package Contents	4
Safety Warnings	4
PPE Requirements	6
Operating Environment Requirements	6
Assembly Setup	7
Operating Instructions	7
Maintenance & Service Intervals	8
Troubleshooting	10
Disposal Guidelines	11
Storage Instructions	11
Optional Accessories	11
Parts List	12
Certifications & Compliance	13
Customer Support - Repairs and Warranty	14
Service & Repair Contact Instructions	15
Environmental Statement	15

WELCOME TO THE ADENDORFF FAMILY!

We are delighted to have you with us. To ensure you get the best performance from your new product, we kindly advise you to read the instruction manual thoroughly before installation and use. This will help you maximize its potential and ensure a smooth and safe experience.

Thank you for choosing our product. We appreciate your trust and support, and we are confident that it will serve you well. Should you have any questions or require further assistance, please feel free to reach out to us.

IMPORTANT: Please store and save this manual in a safe, dry place for future reference. It contains essential safety, maintenance, and troubleshooting information that may be needed during the product's lifetime.

TECHNICAL DETAILS & SPECIFICATIONS

SPECIFICATION	VALUE
MODEL:	TBREAK025
	Z6G-DW-25D-TH
TYPE:	Demolition Hammer
RATED VOLTAGE:	220–240 V AC
RATED FREQUENCY:	50 Hz
RATED INPUT POWER:	1350 W
IMPACT RATE:	900–1800 blows per minute (min. ⁻¹)
IMPACT ENERGY:	20 joules
WEIGHT (WITHOUT ACCESSORIES):	9.8 kg
DEGREE OF PROTECTION AND INSULATION CLASS:	Class II (Double Insulated)
COOLING METHOD:	Fan-cooled motor housing
VIBRATION LEVEL (CHISELLING):	ah, Cheq = 20.9 m/s ² ; Uncertainty K = 1.5 m/s ²
SOUND PRESSURE LEVEL (LPA):	88 dB(A), Uncertainty KpA = 3 dB(A)
SOUND POWER LEVEL (LWA):	96 dB(A), Uncertainty KwA = 3 dB(A)
GUARANTEED SOUND POWER LEVEL (DIRECTIVE 2000/14/EC):	LwA 105 dB(A)
OPERATING TEMPERATURE RANGE:	–10 °C to +40 °C
STORAGE TEMPERATURE:	–10 °C to +50 °C

PERFORMANCE NOTE

The tool utilises an impact hammer mechanism that delivers controlled blows to a chisel bit for breaking, trenching, surface roughening, tile removal and scaling tasks. It is intended for construction sites, renovation work, and heavy-duty maintenance applications. The chisel can be used in both horizontal and vertical positions. Always ensure the machine is connected to a power supply that matches the rated voltage (220–240V AC, 50Hz).

IMPROPER USE AND LIMITATIONS

- Do not use for metal cutting or woodworking.
- Do not use as a drill.
- Do not operate near flammable liquids or explosive dusts.
- Do not expose the machine to rain or water.
- Do not carry the tool by the cord or pull on the cord to unplug it.
- Persons under 16 years of age must not operate this machine.

RESIDUAL RISKS

Even when used as intended, some residual risks remain inherent to the design of impact tools:

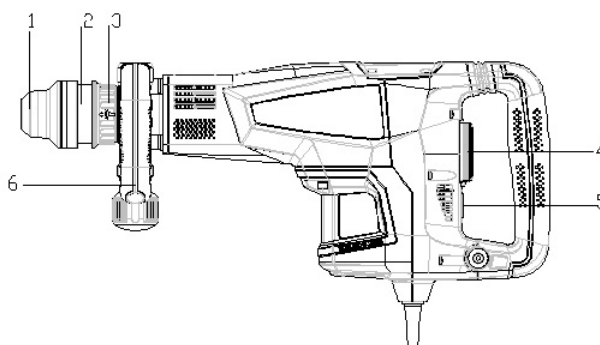
- Risk of hearing damage if ear protection is not used.
- Risk of respiratory issues from dust exposure if a mask is not worn.
- Risk of hand-arm vibration injury with prolonged use without breaks.
- Risk of electromagnetic interference with medical implants. Users with such devices should consult their physician before use.

PACKAGE CONTENTS

Unpack the tool carefully and check that all items are present. Report any missing or damaged parts immediately to your Adendorff Machinery Mart branch.

Standard package includes:

- 1× Demolition Hammer
- 1× Auxiliary handle
- 1× Dust protection cap (fitted)
- 1× Locking sleeve (pre-installed)
- 1× Speed control button (factory fitted)
- 1× Chisel bit (type may vary by package)
- 1× Spanner (maintenance tool)
- 1× Instruction manual (this document)
- 1× Carrying case or crate



BEFORE OPERATION:

- Remove all packaging materials.
- Verify that the ventilation slots are unobstructed.
- Check that the housing, cord, and plug are undamaged.
- Confirm that the power rating on the tool matches your mains voltage.

SAFETY WARNINGS

WARNING!

Read and save all safety warnings and instructions carefully. Failure to follow these warnings may result in electric shock, fire, or serious injury. Keep all warnings and instructions for future reference.

GENERAL POWER TOOL SAFETY

- Read all safety warnings and instructions carefully before use. Failure to follow these warnings and instructions may result in electric shock, fire, or serious injury.
- Retain this manual for future reference.
- In all safety warnings, the term power tool refers to both mains-operated (corded) and battery-operated (cordless) tools.

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 near flammable liquids, gases, or dust. Sparks from the tool may ignite fumes.
- Keep bystanders, children, and animals away while operating. Distractions can cause loss of control.

ELECTRICAL SAFETY

- Ensure that the plug matches the outlet. Never modify the plug or use adapter plugs with earthed (grounded) tools.
- Avoid body contact with grounded surfaces, such as pipes, radiators, or metal structures.
- Do not expose the power tool to rain or wet conditions. Water entering the tool increases electric-shock risk.
- Do not abuse the power cord. Never use it for carrying, pulling, or unplugging the tool. Keep it away from heat, oil, sharp edges, and moving parts.
- Use extension cords suitable for outdoor use when operating outdoors.
- If operating in a damp location is unavoidable, supply the tool through a Residual Current Device (RCD).

PERSONAL SAFETY

- Stay alert and use common sense. Do not use the power tool while tired or under the influence of drugs, alcohol, or medication.
- Use personal protective equipment. Always wear eye protection.
- Prevent unintentional starting. Ensure the switch is OFF before connecting to power.
- Remove any adjusting key or wrench before turning on the tool.
- Maintain proper footing and balance.
- Do not wear loose clothing or jewellery. Keep long hair tied back.
- Keep handles clean and dry.
- If the tool is equipped for dust extraction, ensure proper connection and use.

POWER TOOL USE AND CARE

- Do not force the power tool. Use the correct tool for the application.
- Do not use the power tool if the switch does not operate properly.
- Disconnect from power before making adjustments or changing accessories.
- Store idle tools out of reach of children.
- Maintain tools regularly. Check for misalignment, binding, or damaged components before use.
- Keep cutting tools sharp and clean.
- Use accessories and bits according to manufacturer's recommendations.

SERVICE

- Have your power tool serviced by qualified technicians using only identical replacement parts. This ensures continued safety and reliability.

HAMMER-SPECIFIC SAFETY

- Wear hearing protection; prolonged exposure to noise may cause hearing loss.
- Use auxiliary handles provided with the tool to maintain control.
- Hold the power tool by insulated gripping surfaces when working where hidden wiring may be present. Contact with live wires could energise exposed metal parts.
- Always wear a dust mask when chiselling masonry or concrete.
- Keep a firm grip with both hands and maintain a secure stance.
- Avoid excessive pressure — the impact mechanism provides sufficient force.
- Allow regular rest intervals to minimise vibration exposure.

ADDITIONAL SPECIFIC WARNINGS

- If the power cable is damaged while working, disconnect the plug immediately. Never touch a damaged cable.
- Do not operate the tool in rain or damp environments.
- Disconnect the plug during breaks, when not in use, or while performing maintenance.
- Persons under 16 years of age are not permitted to operate this machine.
- Only use original Adendorff accessories.
- Always check for hidden electrical lines, gas, or water pipes before chiselling. Use a cable or metal detector.
- Maintain at least 1 m clearance from flammable materials during operation.

RESIDUAL RISKS

Even when operated correctly, the following hazards cannot be eliminated entirely:

- Lung damage from dust inhalation if a respirator is not worn.
- Hearing damage if ear protection is not used.
- Vibration-related injury during prolonged operation.
- Interference with medical implants due to electromagnetic fields.
- Risk of electric shock if the cable or insulation is damaged.

PPE REQUIREMENTS

Always wear the following protective equipment when operating the electric chisel:

- **Eye Protection:** Safety goggles or a face shield to guard against flying debris.
- **Hearing Protection:** Ear defenders or earplugs to reduce noise exposure.
- **Respiratory Protection:** Dust mask compliant with EN 149 (FFP2 or higher).
- **Hand Protection:** Heavy-duty gloves for vibration damping and grip stability.
- **Foot Protection:** Non-conductive, steel-toe safety footwear.
- **Clothing:** Close-fitting, long-sleeved, flame-resistant garments. Avoid loose clothing.
- **Head Protection:** Safety helmet if working overhead or in construction zones.

OPERATING ENVIRONMENT REQUIREMENTS

- Operate in dry, ventilated conditions only.
- Ambient temperature must remain between -10 °C and $+40\text{ °C}$.
- Do not use the tool in rain, wet conditions, or areas with high humidity.
- Keep work area clear of clutter, cables, and debris.
- Ensure proper lighting at all times.
- Maintain a clearance of at least 1 m around the operator for safe movement.
- Never operate near combustible materials or vapours.
- Arrange power cables safely behind the operator.
- Inspect walls and floors for hidden wires or pipes before chiselling.
- Keep bystanders and unauthorised persons at least 5 m away.

ASSEMBLY / SETUP

BEFORE FIRST USE

- Inspect the work area for hidden electrical wires, gas lines, or pipes using a detector.
- Verify that the power supply matches the machine rating.
- Familiarise yourself with the switches and speed control before connecting power.
- Ask for a demonstration from a qualified technician if you are unfamiliar with electric chisels.
- Always disconnect the plug from the mains before assembly or adjustment.

FITTING THE AUXILIARY HANDLE

The auxiliary handle must be attached before operation for stability and safety.

1. Slide the handle clamp over the front collar of the housing.
2. Tighten the handle bolt clockwise until secure.
3. Adjust the handle angle for comfort and control.

INSERTING AND REMOVING THE CHISEL BIT

This tool accepts hex-shank chisels (standard type). Always keep the dust protection cap intact and clean to prevent contamination of the tool holder.

TO INSERT THE BIT:

1. Clean the shank of the chisel before insertion.
2. Pull the locking sleeve backward and hold.
3. Insert the chisel into the holder with a twisting motion until it locks.
4. Release the locking sleeve to secure the bit.
5. Check retention by pulling gently on the chisel; it must not move freely.

TO REMOVE THE BIT:

1. Pull the locking sleeve backward.
2. Hold and withdraw the chisel from the holder.

SPEED CONTROL FUNCTION

The demolition hammer features a variable speed control button located near the switch lever. Use lower speeds for delicate chiselling and higher speeds for heavy demolition. Adjust speed only while the tool is OFF.

OPERATING INSTRUCTIONS

STARTING AND STOPPING

1. Connect the plug to a suitable 220–240 V AC power outlet.
2. Hold the tool firmly with both hands.
3. Press the ON/OFF switch to start operation.
4. Release the switch to stop.

LOCK-ON FUNCTION:

To operate continuously, press and hold the ON/OFF switch, then push the lock-on button upward. To disengage, briefly press the ON/OFF switch again and release.

GENERAL WORK PRACTICES

- Always hold the machine with both hands.
- Maintain a stable stance and balanced footing.
- Do not force the tool; allow the hammering mechanism to work.
- When chiselling, press the bit gently against the surface. Excessive pressure does not increase performance.
- Avoid operating the tool on unstable or vibrating surfaces.
- Periodically check bit tightness and dust cap condition.

WORKING TECHNIQUES

- For concrete or brick removal, start near the edge and work inward.
- For tile removal, keep the chisel nearly parallel to the surface.
- Do not lever or pry using the bit; it may cause breakage.
- Allow the tool to rest intermittently to prevent overheating.

HIDDEN UTILITIES

Before chiselling, inspect the work area for hidden electrical wiring, gas, or water pipes using a metal or cable detector.

OPERATING IN COLD CONDITIONS

If the tool has been stored in a cold environment, allow it to run idle for several minutes before applying load. This ensures that the lubricant is properly distributed.

SAFETY SHUTDOWN

- Always switch OFF the tool and unplug it after use.
- Allow the chisel to cool before handling or storing.
- Do not leave the tool unattended while connected to power.

MAINTENANCE & SERVICE INTERVALS

Before performing any maintenance, disconnect the plug from the mains supply. Never perform service while the tool is connected to power.

Regular maintenance ensures safe operation and extends the service life of the tool. The Demolition Hammer has been factory-tested and lubricated, but periodic checks and cleaning are essential for continued reliability.

ROUTINE MAINTENANCE

- Inspect the tool before each use for damage, loose fasteners, and wear.
- Clean the housing and ventilation slots using a soft, dry cloth or compressed air. Do not use solvents or flammable cleaning fluids.
- Check the power cord and plug for signs of wear or damage; replace immediately if defective.
- Ensure that the auxiliary handle is tight and secure.
- Inspect the dust protection cap and locking sleeve for proper function. Replace if worn.
- Remove dust and debris from the chisel holder after each use.

CLEANING THE TOOL MOUNT

Daily cleaning of the tool mount prevents debris from entering the internal mechanism.

1. Disconnect the plug.
2. Wipe the tool holder with a dry, lint-free cloth.
3. Remove any visible debris or grease buildup.
4. Reinstall the dust cap securely.

REPLACING THE DUST PROTECTION CAP

A damaged or worn dust protection cap allows debris into the tool holder, potentially causing malfunction.

Replacement procedure:

1. Disconnect the tool from power.
2. Pull the locking sleeve backward and hold it in position.
3. Remove the old dust cap using a suitable tool.
4. Insert the new dust cap onto the tool holder, ensuring a tight fit.
5. Release the locking sleeve to secure the new cap.

LUBRICATION

The tool's internal gear assembly is pre-lubricated at the factory. Regular re-lubrication is recommended every 60 hours of operation, or whenever impact performance decreases.

Lubrication procedure:

1. Disconnect the tool from the mains.
2. Remove the oil cover screw using the supplied spanner.
3. Clean away old grease.
4. Refill with 30 g of Adendorff Machinery Mart–approved gear grease.
5. Refit the oil cover securely before resuming operation.

Note:

Do not overfill with grease. Excess lubricant can cause pressure build-up and oil leakage from seals. Always use the specified grease grade recommended by Adendorff Machinery Mart.

SERVICE INTERVALS

UNDER NORMAL OPERATING CONDITIONS:

- **Daily:** Clean tool holder and inspect cord and plug.
- **Weekly:** Check handle, locking sleeve, and dust protection cap.
- **Every 60 hours:** Re-lubricate and perform full inspection.
- **Annually:** Submit tool to an authorised Adendorff Service Centre for internal inspection and maintenance.

Only trained technicians should open the housing or perform internal repairs. Use of non-genuine parts will void the warranty.

TROUBLESHOOTING

If the tool fails to operate correctly, refer to the following guide before contacting an authorised Adendorff Machinery Mart Service Centre.

Always disconnect the plug from the mains before inspecting or adjusting the tool.

SYMPTOM:	POSSIBLE CAUSES:	REMEDY:
Tool does not start	<ul style="list-style-type: none"> • Power plug not connected or outlet faulty. • Switch lever defective. • Power supply below rated voltage. • Internal fuse or wiring fault. 	<ul style="list-style-type: none"> • Check mains connection and verify outlet function. • Test using a different socket. • Contact Adendorff authorised service if internal wiring or switch is faulty.
Reduced impact force or low output	<ul style="list-style-type: none"> • Insufficient lubrication. • Bit not fully seated or worn. • Piston or seal wear. 	<ul style="list-style-type: none"> • Apply 30 g of Adendorff-approved lubricant. • Check and reinsert chisel bit. • Replace worn seals through authorised service.
Overheating	<ul style="list-style-type: none"> • Blocked ventilation slots. • Extended continuous operation or overload. 	<ul style="list-style-type: none"> • Clean vents with compressed air. • Allow tool to cool down for 15 minutes before reuse.
Abnormal noise or vibration	<ul style="list-style-type: none"> • Loose fasteners. • Worn chisel or internal component. 	<ul style="list-style-type: none"> • Tighten all external screws and bolts. • Replace chisel if damaged. • If noise persists, service by authorised centre.
Oil leakage	<ul style="list-style-type: none"> • Excess lubricant in gear housing. • Worn oil seals. 	<ul style="list-style-type: none"> • Wipe excess grease. • Replace seals at service centre.
Tool runs intermittently	<ul style="list-style-type: none"> • Carbon brushes worn or sticking. • Damaged power cord. 	<ul style="list-style-type: none"> • Have brushes inspected or replaced by an authorised technician. • Replace defective cord immediately.

DISPOSAL GUIDELINES

This product contains valuable materials that can be recycled. Do not dispose of it with general household waste. Comply with local environmental regulations for safe disposal and recycling of electrical tools.

RECYCLING GUIDELINES:

- Deliver the tool to an authorised Adendorff Machinery Mart branch or recycling facility.
- Recycle metal components through approved channels.
- Dispose of electronic components and circuit boards as e-waste.
- Do not incinerate. Burning of tool components may release toxic substances.
- Lubricants and grease should be handled as hazardous waste and disposed of properly.

Adendorff Machinery Mart supports environmentally responsible recycling and participates in product recovery programmes in compliance with South African WEEE directives.

Always erase any personal data stored in smart tools and ensure components are safely handled to prevent environmental contamination or injury.

STORAGE INSTRUCTIONS

- Store the tool in a clean, dry place away from moisture and direct sunlight.
- Ambient storage temperature should be between -10 °C and $+40\text{ °C}$.
- If storing for long periods, apply a light protective oil to metal parts and operate briefly before next use to circulate lubricant.
- Keep the tool out of reach of children and untrained persons.

OPTIONAL ACCESSORIES

The following accessories and replacement parts are approved for use with the Adendorff Machinery Mart Demolition Hammer:

- Hex-shank chisels – flat, pointed, spade, and tile types (28 mm standard).
- Replacement dust protection caps.
- Auxiliary handle set.
- Lubricant tube (30 g Adendorff gear grease).
- Heavy-duty carrying case.
- Replacement locking sleeve assembly.
- Replacement power cord and plug (authorised installation only).
- Carbon brush set (genuine replacement only).

Important:

Use only Adendorff Machinery Mart–approved accessories and parts. Non-genuine components may reduce safety, affect performance, or void the warranty.

PARTS LIST

The main components are listed for identification and authorised servicing only. Replacement parts must be genuine Adendorff Machinery Mart items fitted by qualified personnel.

MAJOR COMPONENTS	
1.	Dust protection cap
2.	Locking sleeve
3.	Tool holder (hex shank)
4.	Auxiliary handle assembly
5.	Speed control button
6.	Main switch lever with lock-on button
7.	Motor housing
8.	Ventilation slots and fan
9.	Carbon brush set
10.	Gear housing and crank assembly
11.	Piston and hammer mechanism
12.	Oil cover screw
13.	Power cord with plug
14.	Handle grip cover
15.	Label plate

For full diagram with part numbers, consult the separate parts sheet supplied or request the latest version from your Adendorff branch.

CERTIFICATION AND COMPLIANCE

CERTIFICATIONS & COMPLIANCE

The Demolition Hammer Z6G-DW-25D-TH is designed and manufactured in compliance with applicable international safety and EMC (Electromagnetic Compatibility) standards.

Applicable Standards

- **IEC 62841-1: Electric Motor-Operated Hand-Held Tools – General Requirements**
- **IEC 62841-2-6: Particular Requirements for Hammers and Chisels**
- **EN IEC 55014-1: Electromagnetic Compatibility – Emission Requirements**
- **EN IEC 55014-2: Electromagnetic Compatibility – Immunity Requirements**
- **IEC 61000-3-2: Harmonic Current Emissions**
- **IEC 61000-3-3: Voltage Fluctuation and Flicker Limits**
- **SANS 62841-1 / SANS 62841-2-6**
- **Adendorff Electrical Equipment Safety Code (2025)**

DECLARATION OF CONFORMITY

Adendorff Machinery Mart (Pty) Ltd declares that the Demolition Hammer Z6G-DW-25D-TH conforms to the essential health and safety requirements of the Machinery Directive 2006/42/EC, the EMC Directive 2014/30/EU, and the Noise Emission Directive 2000/14/EC (as amended by 2024/1208).

This product has been manufactured under ISO-certified quality management systems and inspected according to Adendorff's product assurance standards.

CONFORMITY ASSESSMENT BODY:

SNCH – Société Nationale de Certification et d'Homologation
Notified Body Number: 0499

Address: 11 Rue de Luxembourg, L-5230 Sandweiler

Tested in accordance with:

EN IEC 62841-1:2015 + A11
EN IEC 62841-2-6:2020 + A11 + A1 + A12
EN IEC 55014-1:2021 / EN IEC 55014-2:2021
EN IEC 61000-3-2:2019 + A1 + A2
EN IEC 61000-3-3:2013 + A1 + A2

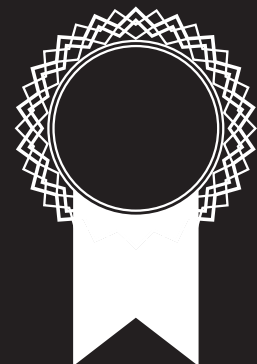
ENVIRONMENTAL COMPLIANCE

This product complies with WEEE (Waste Electrical and Electronic Equipment) regulations and must be recycled responsibly.

ENVIRONMENTAL DECLARATION

This tool is designed in accordance with environmental responsibility principles. When it reaches the end of its service life, do not dispose of it with general household waste.

Deliver it to an authorised recycling centre or your nearest Adendorff Machinery Mart branch for proper recovery of materials.



CUSTOMER SUPPORT – REPAIRS & WARRANTY

WARRANTY PERIOD

- This product is warranted for 12 months from the date of purchase by the first user.

COVERAGE

- The warranty covers all material or production flaws, with exceptions:
- Batteries and chargers
- Parts subject to normal wear (e.g., bearings, brushes, cables, plugs)
- Accessories (e.g., drill bits, saw blades)

EXCLUSIONS

The warranty does not cover damage or defects from:

- Maltreatment, accidents, or alterations
- Inappropriate or negligent use of the tool
- Overloading, fluid permeation, excessive dust, or intentional damage
- Non-compliance with manual instructions, inexperienced assembly, lightning, or incorrect voltage

LIABILITY

- Adendorff Machinery Mart disclaims liability for bodily injury resulting from improper tool use.

REPAIRS

- All Warranty repairs must be conducted by an authorized Adendorff Machinery Mart repair center. All stores have in-house service technicians.

TRANSPORTATION COSTS

- Transportation costs for service are the customer's responsibility unless otherwise agreed in writing.

WARRANTY CLAIMS

- All Warranty claims do not extend or restart the warranty period.
- Claims may be rejected if purchase cannot be verified or if product maintenance is found to be lacking.
- A 3-month (Three Months) warranty applies to any repairs performed.

MAINTENANCE AND PROOF OF PURCHASE

- Maintain the product as instructed (e.g., clean ventilation slots, service carbon brushes regularly).
- Retain the purchase receipt as proof of purchase date.

SERVICE & REPAIR CONTACT INSTRUCTIONS

RETURN CONDITIONS

- Return the product intact, in clean condition, and in its original blow-molded case (if applicable), along with proof of purchase.

1. LOCATE YOUR NEAREST BRANCH

Visit our website at www.adendorff.co.za and use the Store Locator to find the nearest branch to you.

2. PREPARE PRODUCT DETAILS

Before contacting or visiting a branch, please have the following information ready:

- Product name and model number
- Proof of purchase (invoice or receipt)
- A brief description of the issue or fault

3. CONTACT OR VISIT THE BRANCH

Phone: Call your nearest Adendorff Machinery Mart branch directly for repair intake or service queries.

In Person: Bring the product to the branch for assessment. Ensure it is clean and safely packed for transport.

4. WARRANTY REPAIRS

If your item is still under warranty, repairs will be handled according to the warranty terms. Ensure you bring the original receipt with the product.

5. OUT-OF-WARRANTY REPAIRS

For items no longer under warranty, a quotation will be provided for approval before any work begins. **Note:** Repairs may take several business days depending on parts availability and workshop load. You will be contacted once your item is ready for collection.

For full warranty details, visit www.adendorff.co.za. For assistance, contact the national call centre at 011 434 7000.

ENVIRONMENTAL STATEMENT

Recycle raw materials whenever possible. Do not dispose of this product with household waste. Adendorff Machinery Mart encourages environmentally responsible recycling of machines, accessories, and packaging. Plastic components are labelled for categorised recycling, and all printed materials use chlorine-free paper.



SUPPLIED BY



www.adendorff.co.za