



DX460 Cartridge Hammer

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment. This leaflet is not a substitute for a properly executed risk assessment.



It is important to read all of this leaflet BEFORE you use the DX460 Cartridge Hammer

- Plan your work and think ahead to make sure you will always be working safely.
- Powder actuated hammers can be hazardous if misused. They should be used carefully and only by trained personnel.
- The noise levels produced by this equipment can damage your hearing.
- You should have attended a recognised training course before you can use the DX460.
- The Hillt DX460 is designed to fix a variety of materials to concrete, masonry and steel using the appropriate fasteners.
- The action of the DX460 can cause injury or damage if it is not used in a correct, careful and controlled way.
- If it has been some time since you used the Hillt DX460, familiarise yourself with it again and with the safety requirements before you start work.
- You must wear the following items of personal protective equipment: ear muffs or plugs giving protection for levels up to 108 dB(A); impact resistant goggles; EN166 – B or BS2092 grade 1; dust mask – at a minimum of EN149:2001 FFP3 protection; safety boots (EN345 or BS1870:4972); safety helmet – EN397 or BS3240; gloves.
- This Hillt Hillt DX460 must not be used by minors, or by anyone under the influence of drugs or alcohol.
- Cartridge hammers are designed for operation by an able-bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using them.



Every user must read this leaflet before use. The information given in this document and accompanying material is accurate and not misleading. HAE/EHA cannot accept responsibility for any loss or liability perceived to have arisen from the use of any such document/material. Only Acts of Parliament and Statutory Instruments have the force of law and only the courts can authoritatively interpret the law.

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For guidance on managing construction health risks go to www.hse.gov.uk/construction

Using the DX460 Cartridge Hammer

- Wear your protective equipment including ear defenders and goggles. Use both hands to hold and fire the cartridge hammer.
- Do not include in any horsplay or irresponsible behavior, while using or working near the cartridge hammer.
- Never carry cartridges loose in a pocket. Do not carry them loose in a box with metal fasteners.
- Do not use the DX460 on brittle surfaces, like glass, marble, plastics, bronze, brass, glazes, tiles, hollow brick or cast steel, they will crack or shatter.
- Do not use this tool on plasterboard or partitioning. Use it only on structural steel, masonry or similar material. Do not use it on modern housebricks, they will shatter.
- Do not try to use an existing hole in the material you are fastening. Always move to a new position.

Please store this leaflet safely. It may be required for further information

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Push the magazine cover down until it snaps closed.

- Load the cartridge strip (narrow end first) by inserting it into the bottom of the tool grip until flush.
- If a strip has been partly used, pull it through until a live cartridge is in the chamber. The last visible number on the back of the cartridge strip indicates which cartridge is next to be fired.
- When the indicator shows (in view of the side of the tool) that there are three or more live cartridges in the magazine, the magazine must be the same length.

Unloading

- Remove the cartridge strip by pulling it upwards out of the tool.
- Release magazine cover by pressing the release button.
- Pull the magazine cover down as far as it will go.
- Remove any nail strip from the magazine.
- Push the magazine cover down until it snaps closed.

Fastening

- Press the tool firmly against the work surface at right angles.
- Fire the tool by pulling the trigger.
- Do not try to fasten in an existing hole.

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Order Code	Color Code	Power Level
6.8/11green	Green	Low
6.8/11yellow	Yellow	Medium
6.8/11red	Red	Heavy
6.8/11black	Black	Extra Heavy

OPERATION SINGLE FASTENER TOOL

- Insert the fastener (nail first) until the washer is held in the tool.
- Load the cartridge strip (narrow end first) by inserting it into the bottom of the tool grip until flush.
- If a strip has been partly used, pull it through until a live cartridge is in the chamber. The last visible number on the back of the cartridge strip indicates which cartridge is next to be fired.

Fastening

- Press the tool firmly against the work surface at right angles.
- Fire the tool by pulling the trigger.
- Do not try to fasten in an existing hole.
- Do not try to re-drive the same fastener twice (i.e. after a failed cartridge).
- Do not exceed the maximum fastener-driving rate.

MAGAZINE TOOL

- Release the magazine cover by pressing the release button.
- Pull the magazine cover down as far as it will go.
- Load a new nail strip into the magazine.

ACCESSORIES

There are many accessories available for the DX460 including several piston types, and many different fasteners. Check with the hire company.

CARTRIDGE HAMMER SAFETY

- Always, before use and after use, check there is no cartridge in the tool.
- Always ensure that your cartridges and fasteners are suitable for the tool and the job.

POWER REGULATION WHEEL WITH LOCKING FUNCTION

- Start with the lowest power cartridge and tool set at the lowest power setting.
- Press the release button.
- Turn the power/regulation wheel to 1.
- Give a nail.
- If the fastener doesn't penetrate deeply and repeat steps two to four.
- Repeat these steps until the desired depth of penetration is reached. Use a more powerful cartridge if necessary.

BEFORE STARTING WORK...

- Do not deliberately pull back the muzzle (or magazine if fitted) of a loaded tool; this removes the safety device and will allow the tool to fire when trigger is pressed.
- Cartridges must be stored in a locked metal box.
- Do not point the DX460 at anyone, even when it is not loaded. Get into the habit of not pointing it at people.
- Never point the barrel at any part of your body at any time.
- You must always unload the DX460 before cleaning or changing parts or when finished work. TAKE CARE the tool gets very hot in use.
- The DX460 has a standard piston for normal application. It is also available with several special purpose pistons for different applications – do not use a different fastener until you have checked with the hire company.
- Before you start work, make sure you understand how to use the DX460