

Hejny Rentals, Inc.

Contractor, Lawn & Garden, and Party Equipment Rentals
1829 White Bear Ave. - Maplewood, MN 55109
Phone: 651-770-3841 – Fax: 651-770-1725
www.hejnyrental.com

K 650 Cut-N-Break Concrete Saw

SAFETY INSTRUCTIONS

Throttle Lockout

- Make sure the throttle control is locked at the idle setting when the throttle lockout is released.
- Press the throttle lockout and make sure it returns to its original position when you release it.
- Check that the throttle control and throttle lockout move freely and that the return springs work properly.
- Start the power cutter and apply full throttle. Release the throttle and check that the blades stop and remain at a standstill. If the blades rotate when the throttle is in the idle position you should check the carburetor's idle adjustment.

Checking the blade guards

Never use a defective guard or a guard that has not been fitted correctly.

General Safety Precautions

- A power cutter is designed to cut hard materials, such as masonry. Observe the increased risk of kickback when cutting soft materials. See instructions under the heading "How to avoid kickback".
 - Do not use the power cutter until you have read the entire contents of this Operator's Manual.
- All servicing, in addition to the points listed in the section "Control, maintenance and service of the power cutter's safety equipment", should be carried out by trained service specialists.
- Never use the machine if you are tired, if you have drunk alcohol, or if you are taking medication that could affect your vision, your judgment or your co-ordination.
 - Wear personal protective equipment. See instructions under the heading Personal protective equipment.
 - Never use a machine that has been modified in any way from its original specification.
 - Never use a machine that is faulty.
 - Never allow anyone else to use the machine without first ensuring that they have understood the contents of the operator's manual.
 - Never use the machine indoors. Be aware of the dangers of inhaling the engine's exhaust fumes.

Transport and Storage

Store the power cutter in a lockable area so that it is out of reach of children and unauthorized persons. Inspect new blades for transport or storage damage.

Fuel Safety

WARNING! Take care when handling fuel. Bear in mind the risk of fire, explosion and inhaling fumes.

- Never refuel the machine while the engine is running.
- Make sure there is plenty of ventilation when refueling or mixing fuel (petrol and 2-stroke oil).
- Move the machine at least 3 m from the refueling point before starting it.
- Never start the machine:
 - If you have spilt fuel on it. Wipe off the spillage and allow remaining fuel to evaporate.
 - If you have spilt fuel on yourself or your clothes, change your clothes. Wash any part of your body that has come in contact with fuel. Use soap and water.
 - If the machine is leaking fuel. Check regularly for leaks from the fuel cap and fuel lines.
- Store and transport the machine and fuel so that there is no risk of any leakage or fumes coming into contact with sparks or naked flames, for example, from electrical machinery, electric motors, electrical relays/switches or boilers.
- Always store fuel in an approved container designed for that purpose.

Need It. Rent It!

WARNING! Bear in mind the risk of fire, explosion and inhaling fumes. Stop the engine before fuelling. Do not fill so that the fuel runs over. Wipe up all spillage on the ground and machine. If you spill fuel on yourself or your clothes, change your clothes. Move the machine at least 3 meters away from the refueling area before starting.

GENERAL WORKING INSTRUCTIONS

IMPORTANT! This section describes basic safety directions for using a power cutter. This information is never a substitute for professional skills and experience. If you get into a situation where you feel unsafe, stop and seek expert advice. Contact your dealer, service agent or an experienced power cutter user. Do not attempt any task that you feel unsure of!

Basic safety rules

- Look around you:
 - To ensure that people, animals or other things cannot affect your control of the machine.
 - To make sure that none of the above come into contact with the blades.
- Do not use the machine in bad weather, such as dense fog, rain, strong wind, intense cold, etc.

Working in bad weather is tiring and can lead to dangerous conditions, e.g. slippery surfaces.

- Never start to work with the power cutter before the working area is clear and you have a firm foothold. Look out for any obstacles with unexpected movement. Ensure when cutting that no material can become loose and fall, causing operating injury. Take great care when working on sloping ground.

- Ensure that clothes or parts of the body do not come into contact with the blades when the engine starts.
- Remain at a distance from the blades when the engine is running.
- The guards for the cutting equipment must always be fitted when the machine is running.
- Ensure that the working area is sufficiently illuminated to create a safe working environment.
- Always ensure you have a safe and stable working position.
- Make sure that no pipes or electrical cables are routed in the area to be cut.

WARNING! Only use the machine in areas with good ventilation. Neglect can result in serious injury or death.

Cutting

WARNING! The safety distance for the power cutter is 15 meters. You are responsible to ensure that animals and onlookers are not within the working area. Do not start cutting until the working area is clear and you are standing firmly.

General

- Start cutting with the machine running at maximum speed.
- Always hold the machine in a firm grip with both hands. Hold it so that the thumbs and fingers grip round the handles. **WARNING!** Overexposure to vibration can lead to circulatory damage or nerve damage in people who have impaired circulation. Contact your doctor if you experience symptoms of overexposure to vibration. Such symptoms include numbness, loss of feeling, tingling, pricking, pain, loss of strength, changes in skin color or condition. These symptoms normally appear in the fingers, hands or wrists. The risk increases at low temperatures.

Cutting technique

- Support the work piece in such a way that it is possible to predict what will happen, and so that the cut remains open while cutting.
- Check that the blades are not in contact with anything when the machine is started.
- Always cut at full throttle.
- Start cutting gradually, let the machine work without forcing or pressing the blades.
- Maintain the same direction during the cutting work. Otherwise there is a risk of the blades jamming or that the machine can "climb" in the cut.
- Make a saw cut from above and down. Remove the cutter and use a crowbar to remove the material that remains between the cut.
- Follow the same saw cut, but further in the work piece, and repeat the work with the crowbar.
- Repeat this working method until the required cutting depth is achieved.
- The blade guards are designed to easily adapt to how deep in the work piece the power cutter is moved.

Cutting Sequence

Need It. Rent It!

First make the lower horizontal cut. Now make the two vertical cuts. Finish with the upper horizontal cut. **CAUTION!** If the upper horizontal cut is made before the lower horizontal cut, the work piece will fall on the blades jamming them.

Water cooling - Water cooling should always be used. This cools the blades and increases their life and prevents dust build-up. There is a restrictor in the water hose that reduces the water flow.

- At a low water pressure, for example when the water tank is used, the restrictor can be dismantled to give the correct water flow. **CAUTION!** It is important not to use a too high water flow without throttling as the belt can then slip.

Sharpening diamond blades - Diamond blades can become dull when the wrong feeding pressure is used or when cutting certain materials such as heavily reinforced concrete. Working with dull diamond blades will cause overheating, which can result in a diamond segment becoming loose.

Sharpen the blades by cutting a soft material such as sandstone or brick.

Blade vibrations - The blades can become out of true and vibrate if a too high feed pressure is used.

A lower feed pressure can stop the vibration. Otherwise replace the blades. The blades shall be intended for the material to be cut.

WARNING! Kickback can happen very suddenly and violently; kicking the power cutter and blades back at the user. If this happens when the blades are moving it can cause very serious, even fatal injuries. It is vital you understand what causes kickback and that you can avoid it by taking care and using the right working technique.

What is kickback?

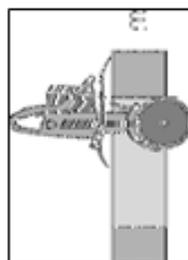
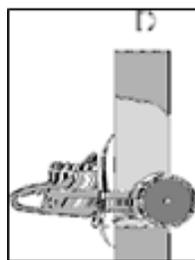
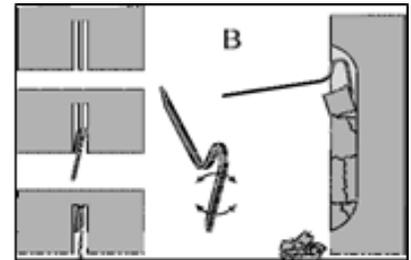
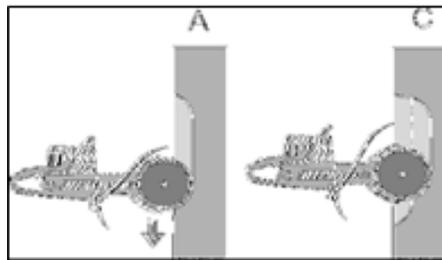
The word kickback is used to describe the sudden reaction that causes the power cutter and blades to be thrown from an object when the upper quadrant of the blade, known as the kickback zone, touches an object.

General Rules

- Never start the power cutter with the upper quadrant of the blades as illustrated, i.e. in the kickback zone.
- Always hold the machine in a firm grip with both hands. Hold it so that the thumbs and fingers grip round the handles.
- Keep a good balance and a firm foothold.
- Always cut at full throttle.
- Stand at a comfortable distance from the work piece.
- Take care when inserting the blade in an existing cut.
- Never cut above shoulder height.
- Be on the alert in case the work piece moves or anything else occurs, which could cause the cut to close and the blades to jam.

Pull in - Pull in occurs when the blades' lower sections suddenly stop or when the cut closes. (To avoid, see the instructions under the heading "Basic rules" and "Jamming/rotation", here below.)

Pinching/rotation - If the cut is pressed together, this can lead to jamming. The machine can be pulled down suddenly with a very powerful jerk. Avoid pinching
How to avoid pinching - Support the work piece in such a way that the cut remains open during the cutting operation and when the cut is finished.



Need It. Rent It!