

# Hejny Rentals, Inc.

Contractor, Lawn & Garden, and Party Equipment Rentals  
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## **BX-4 Wet/Dry Cut Paver, Brick or Block Saw**

### **SAFETY**

Read and follow all safety, operating and maintenance instructions. Failure to read and follow these instructions could result in injury or death to you or others. Failure to read and follow these instructions could also result in damage and/or reduced equipment life.

1. Keep guards in place.
2. Remove adjusting keys and wrenches.
3. Keep work area clean.
4. Do not use in dangerous environments.
5. Do not use power tools in damp or wet locations nor expose them to rain. Always keep the work area well lighted.
6. All visitors and children should be kept a safe distance from work area.
7. Do not force the tool.
8. A power tool will do a job better and safer operating at the rate for which it was designed.
9. Do not force a tool or an attachment, to do a job that it was not designed to do.
10. If using an extension cord, make sure it is in good condition first. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage that will result in a loss of power and overheating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.
11. Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry that may be caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
12. Safety glasses should always be worn when working around power tools. In addition, a face, dust mask or respirator should be worn if a cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses and may not prevent eye injury-they are NOT safety glasses.
13. Clamps or a vise should be used to hold work whenever practical. Keeping your hands free to operate a power tool is safer.
14. Keep proper footing and balance at all times by not overreaching.
15. Power tools should always be disconnected before servicing or when changing accessories, such as blades, bits, cutters, and the like.
16. Make sure the trigger switch; locking button is in the RELEASE position before plugging in a power tool.
17. Consult the owner's manual for recommended accessories. Using improper accessories may increase the risk of personal or by-stander injury.
18. Serious injury could occur if a power tool is tipped, or if a cutting tool is unintentionally contacted.
19. Before using a power tool, check for damaged parts. A guard or any other part that is damaged should be carefully checked to determine it would operate properly and perform its intended function. Always check moving parts for proper alignment or binding. Check for broken parts and mountings and all other conditions that may affect the operation of the power tool. A guard, or any damaged part, should be properly repaired or replaced.
20. Always feed work into a blade or cutter against the direction of rotation. A blade or cutter should always be installed such that rotation is in the direction of the arrow imprinted on the side of the blade or cutter.
21. Do not leave a tool until it comes to a complete stop. Always turn a power tool OFF when leaving the work area, or, when a cut is finished.
22. Never touch electrical wires or components while the motor is running. Exposed, frayed or worn electrical motor wiring can be sources of electrical shock that could cause severe injury or burns.
23. Before plugging the equipment into an electrical outlet, be sure the trigger switch, locking button is in the "RELEASE" position to prevent accidental starting. Unplug the power tool before performing any service operation.
24. Keep hands, feet, hair, and clothing away from all moving parts to prevent injury. Never operate a power tool with covers, shrouds, or guards removed.

### **SETUP, ADJUSTMENT & OPERATION**

#### **PRE-START INSPECTION:**

The pre-start inspection should be performed before beginning any job.

NOTE - In order to avoid breaker tripping, a 20-amp circuit breaker should be used.

CAUTION - If the Diamond Blade shows signs of fatigue cracking, replace the blade before starting work.

- Inspect Blade for damage. Verify that the Blade is correct for the material being cut.
- Inspect Wooden Strip for excessive grooves.

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- Ensure that the Movable Cutting Table moves freely. See Maintenance Section if problems arise.
- Inspect other areas for damage, including the Frame Assembly, Motor Mount Assembly, Handle and Cord Assembly and Table Assembly. Inspect Motor Air Filter condition if required, shake or tap to remove excess debris.
- Verify that the Trigger Switch on the underside of the handle is unlocked. Depress release button to unlock trigger.
- Plug the Ground Fault Circuit Interrupter (GFCI) into the BX-4.
- Plug the GFCI into a power source.

## **ADJUSTMENT AND OPERATION:**

### **1. ADJUSTABLE CUTTING GUIDE INSTALLATION:**

- Loosen knob by turning counter-clockwise.
- Seat the Adjustable Cutting Guide along the Ruler/Stop. Turn knob clockwise to tighten.

### **2. CUTTING SETUP:**

- Set the Adjustable Cutting Guide. Identify the Ruler/Stop. Set the edge of the Cutting Guide to the desired cut length on the Ruler/Stop.
- Position your masonry piece by setting it against the Adjustable Cutting Guide and Ruler/Stop.

CAUTION - DO NOT FORCE the blade to cut! It will do the job better and safer at the rate for which it was designed.

### **3. STEP CUTS:**

A Step Cut is performed when a series of small cuts of increasing depth are used to complete a single cut. Step Cuts are used for large objects or for hard objects such as firebrick and pavers.

#### **NOTE:**

1. Step Cutting is the preferred cutting method for all cuts. When cutting hard material, Step Cutting should always be used. Step Cutting will extend the life of the Diamond Blade.

Step cut setup: Depress Trigger to start (depress lock button to lock trigger in place if desired). Hold work in position.

- Step cut "push" stroke: Using the Handle, lower the Cutting Head 1/4-1/2 inch during the "push" stroke. Push the Casting Table away from you.
- Step cut "pull" stroke: Using the Handle, lower the Cutting Head an additional 1/4-1/2 inch during the "pull" stroke. Pull the Casting Table towards you.
- Repeat "push" and "pull" strokes until the cut is complete.
- When the cut is complete, release the Trigger. (Depress lock button to release trigger if required). Allow the Blade to stop before removing work. Use the handle to raise the Cutting Head.

### **4. CHOP CUTTING:**

- A Chop Cut is performed by cutting completely through an object in one pass.
- Chop cut setup: Depress Trigger to start (lock if desired). Position the work below the Blade.
- Hold Cutting Table stationary. Use the Handle to lower the Cutting Head to begin cutting.
- Using the Handle, continue to lower the Cutting Head until the cut is complete.
- When the cut is complete, release the Trigger Switch. Allow the Blade to stop before removing work. Use the Handle to raise the Cutting Head.

### **5. CUTTING WITH THE CUTTING HEAD LOCKED DOWN:**

- Set adjustable depth control by depressing button on side of control and moving Depth Control Screw up or down to desired position. Fine adjustments can be made by turning depth control screw. Tighten Tri-Knob to hold Cutting Head in position.
- Hold work in position, depress trigger to start motor. Depress lock button to hold trigger if desired.
- Slowly push the Table towards the Blade to begin cutting.
- Continue to push work into the Blade until the cut is complete. Unlock the Trigger Switch. Allow the Blade to stop moving before removing the work. This method is preferred when cutting small objects.

### **6. ANGLE CUTS:**

- Angle Cuts may be performed using the Step Cut, Chop Cut or the Locked Cutting Head cutting methods. The following is utilizing the Locked Cutting Head method.
- Loosen the knob and remove the Adjustable Cutting Guide.
- Reposition the Adjustable Cutting Guide by aligning it at 45 degrees to slots on the Ruler/Stop.
- Position masonry work against the Adjustable Cutting Guide and Ruler/Stop.
- Set Depth Control & lock cutting head with knob
- Hold the masonry work in position. Lock the trigger switch. Slowly push the masonry work towards the Blade to begin the cut.
- Continue to push the masonry work into the Blade until the cut is complete.
- Unlock the Trigger Switch.
- Allow the Blade to stop before removing the work.

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**MISTING SYSTEM OPERATION:**

Pump, tubes, fittings & nozzles are pre-installed & inspected at factory. Set-up cutting with dust suppression system is accomplished by filling up Water Tank, Closing Cap, & pushing Tube into Push-to-Connect Coupling.

**Step A:** Fill up water tank with fresh clean water. Push 3/8" x 1/4" tube thru grommet & into a 1/2" x 3/8" x 1-1/2" tube. Push tube into a plastic filter.

**Step B:** Drop filter into the water tank. Ensure the filter is sitting on the bottom of the tank.

**Step C:** Screw cap onto the water tank.

**Step D:** Push other end of tube into push-to-connect coupling.

**NOTE:** A full tank of water will last about 2-1/2hours at continuous operation.

**Step E:** Push pump switch (7) to "ON" position.

**Step F:** Depress trigger switch to start motor & misting pump. Mist should be seen within 5 seconds.

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