

Masonry Saw

Description	Masonry Saw
Size / Horse power	14" Blade / 2 HP / 3450 RPM
Power source	120 volt through power cord
Uses	Cutting masonry type material and other non-ferrous materials of various size

Safety Precautions

Hazards
Amputation/Abrasions
Electrical shock
Entanglement of hair, jewelry, or clothing
Flying debris (potential eye damage)
Training
Shop Safety Fundamentals
Site Specific Training
Protective Equipment
Safety Glasses AND Safety Shield
Hearing protection
Avoid loose fitting clothing
Tie back long hair



Operation

Startup

1. Put on PPE listed above.
2. Inspect the tool for damage or obstructions to operation.
3. Ensure the "ON/OFF" Switch is in the OFF position.
4. Verify the movable cutting table moves freely.
5. Inspect the diamond blade for damage. Verify the blade is correct for the material being cut.
6. Inspect the pump assembly for damage. Ensure the cord is free of cracks or cuts.
7. Turn "ON" the motor by moving the toggle switch to the "ON" position.
8. Turn "ON" the saw blade by moving the toggle switch to the "ON" position.
9. Allow the blade to reach full speed before beginning cut.
10. Slowly feed material into blade, avoid putting excessive force on the blade.
11. Keep hands clear of saw blade.

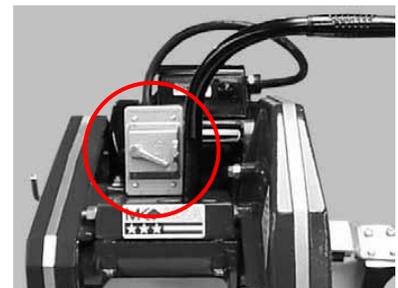


Motor ON/OFF Switch

Shutdown

1. Turn "OFF" the saw blade and motor by moving the toggle switches to the "OFF" position.
2. Allow the blade to come to a complete stop on its own.
3. Remove work piece from table top.

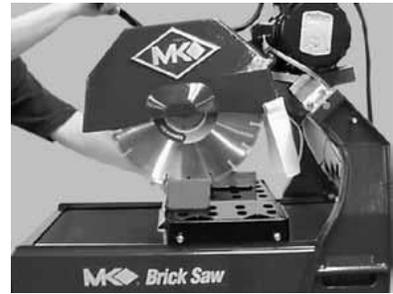
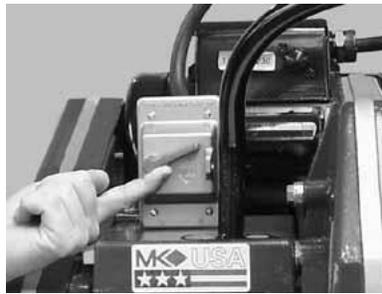
Note: The saw can be locked in the "OFF" position by placing a 3/16" padlock through the toggle switch lock holes on the motor switch.



Saw ON/OFF Switch

Chop Cutting

1. Set the adjustable cutting guide to the desired length.
2. Place the masonry piece onto the movable cutting table.
3. Verify the masonry piece is seated against the ruler/stop and the adjustable cutting guide.
4. Turn the saw "on" and verify that cooling flow exists on both sides of the blade.
5. Lower the cutting head and push the masonry piece towards the blade.
6. After the cut is complete, turn the saw "OFF."



Angle Cutting

1. Position the adjustable cutting guide to the desired cutting angle position.
2. Position the masonry piece and adjustable cutting guide to the desired cut length.
3. Turn on the saw and cooling flow control valve, verify cooling flow exists on both sides of the blade.
4. Hold the masonry piece, lower the cutting head and push the piece toward the blade.
5. After the cut is complete, turn the saw "OFF."

Changing Blade – **Performed by Authorized Personnel Only**

Maintenance

Storage	
Care	<ul style="list-style-type: none">• Clean off saw after you are done using. Always use a sharp blade.• Lubricate the Guide Bar and Roller Wheel Assembly daily with WD-40.
Accessories	<ul style="list-style-type: none">• Adjustable Cutting Guide• Blade Nut Wrench