

SETUP, ADJUSTMENT and OPERATION

ADJUSTMENT and OPERATION:

1. Cutting Straight Edges:

DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.

(A) Loosen the Adjustable Cutting Guide retaining thumbscrew.

(B) Position the Adjustable Cutting Guide to desired cut length indicated inside the diamond.

(C) Tighten the retaining thumbscrew.

(D) Place the tile against the Ruler/Stop and Cutting Guide.

(E) Turn the motor ON.

(F) Verify proper cooling flow on both sides of the blade (See Maintenance Section to increase/decrease flow)

(G) Perform the cut.

(H) Turn the motor OFF when work is complete.

2. Diagonal Cutting:

NOTE: To cut diagonal, the Dual 45° Flat Angle Guide (MK Diamond Part No. 134557-MK) should be used.

DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.

NOTE: If Cutting the tile in two equal halves, align the tile in the V-notch of the Movable Cutting Table

(A) Remove the Adjustable Cutting Guide.

(B) Place the Dual 45° Flat Angle Guide on the Ruler/Stop.

(C) Position the Dual 45° Flat Angle Guide and tighten the retaining thumbscrew.

(D) Position the tile against the Dual 45° Flat Angle Guide and the Ruler/Stop.

(E) Turn the motor ON.

(F) Verify proper cooling flow on both sides of the blade (See Maintenance Section to increase/decrease flow)

(G)
Perform the cut

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3. 45° Miter Cutting:

NOTE: To cut 45° Miters, the 45° Bullnose Miter Guide (MK Diamond Part No. 134585-MK) should be used.

DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.

(A) Remove the Adjustable Cutting Guide.

(B) Place the 45° Bullnose Miter Guide on the Ruler/Stop.

(C) Position the 45° Bullnose Miter Guide and tighten the retaining thumbscrew.

(D) Position the tile on the 45° Bullnose Miter Guide and the Ruler/Stop.

(E) Turn the motor ON.

(F) Verify proper cooling flow on both sides of the blade (See Maintenance Section to increase/decrease flow)

(G) Perform the cut.

(H) Turn the motor OFF when work is complete.

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4. Off-angle Cutting:

NOTE: To cut angles other than 45° angles or Miters, a 90° Protractor (MK Diamond Part No. 134569-MK) should be used.

DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.

(A) Remove the Adjustable Cutting Guide, Turn the motor ON.

(B) Place the 90° Protractor on the Ruler/Stop.

(C) Set the desired angle and tighten the thumbscrew.

(D) Position the tile against the 90° Protractor and the Ruler/Stop and tighten the retaining thumbscrew

(E) Verify proper cooling flow on both sides of the blade (See Maintenance Section to increase/decrease flow)

(F) Perform the cut.

(G) Turn the motor OFF when work is complete.

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5. Adjusting the Cutting Head:

The Cutting Head is heavy! Care must be used when changing the position of the Cutting Head.

(A) Ensure the ON/OFF Switch is in the OFF position.

(B)Unplug the GFCI from the power source.*

(C)Remove Adjusting Knob.

(D)Remove the Cutting Head from The rear pivot hole.

(E)Install the Cutting Head onto the front pivot hole.

(F)Install the Adjusting Knob.

(G)Set cutting depth approximately 1/4 to 1/2 inch below the surface of the Movable Cutting Table.

(H)Plug the GFCI into the power source*

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6. Adjusting the Post for Maximum Cutting Length:

The Cutting Head and Post are heavy! Use care when changing the position of the Cutting Head.

Hold the Post when removing the Post Support Plate.

* A GFCI wall socket is the preferred protective device.

(A)Ensure the ON/OFF Switch is in the OFF position.

(B)Unplug the GFCI from the power source.*

(C)Remove Water Basin.

(D)Remove the Cutting Head (See Adjusting the Cutting Head)

(E)Loosen the Post Support Plate and retaining bolts.

(F)Remove the Post Support Plate and retaining bolts.

(G)Relocate the Post to the rear Post retaining holes.

(H)Install and tighten the Post Support Plate and retaining bolts.

(J)Install the Water Basin.

(K)Plug the GFCI into the power source.*

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7. Cleanup:

NOTES: 1. If an external water source was used, steps A through C may be skipped.

2. Dispose of waste water in accordance with applicable Federal, State and Local laws.

Ensure the saw is disconnected before completing the remainder of the cleanup process.

* A GFCI wall socket is the preferred protective device.

(A)Clean the Water Pump suction of all debris.

(B) Place the Water Pump In an external container.

(C) Run the MK-101 until clear water is seen at the blade cooling ports
(Approx. 1 minute)

(D) Ensure the ON/OFF Switch is in the OFF position.

(E) Unplug the GFCI from the Power source.

(F) Unplug MK-101 from the GFCI.

(G) Clean the MK-101 with soap and clean water.

(H) Remove the Water Basin from the MK-101.

(I) Clean the Water Basin.