

CONNECTING WATER PUMP

⚠ WARNING To prevent the possibility of electrical shock, the MK-101 MUST be de-energized when connecting the Water Pump.
To prevent the possibility of electrical shock, use only MK Diamond qualified replacement parts.

NOTE: To prevent pump damage, the Water Pump must be disconnected from its power supply if cutting with a Dry Blade.



(A)
Connect the Cooling Transfer Tube to the inlet connection of the Blade Guard



(B)
Connect the Water Pump power cord to the connection found on the back of the motor

WATER PUMP SETUP FOR OPERATION

The Water Pump can be setup for operation in two ways. External Water source or Re-circulation.

EXTERNAL WATER SOURCE

This is the preferred method of cooling.



(A)
Remove the Drain Plug. Place empty container under hole for water drainage



(B)
Place the Water Pump in an external container and fill until water completely covers the Water Pump suction

CUTTING STRAIGHT EDGES

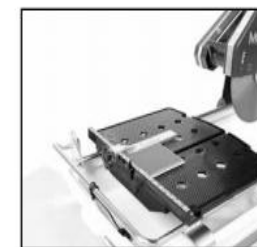
⚠ CAUTION **DO NOT FORCE THE TOOL.** It will do the job better and safer at the rate for which it was designed.



(A)
Loosen the Adjustable Cutting Guide retaining thumbscrew



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



(C)
Place the tile against the Ruler/Stop and Cutting Guide. Turn the motor ON.



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

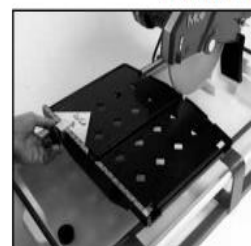


(E)
Perform the cut. Turn the motor OFF when work is complete.

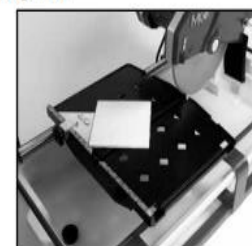
DIAGONAL CUT

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

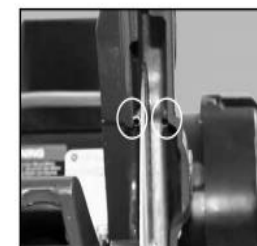
⚠ CAUTION **DO NOT FORCE THE TOOL.** It will do the job better and safer at the rate for which it was designed.



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



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



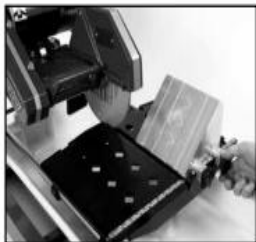
(C)
Verify proper cooling flow on both sides of the blade (See Maintenance Section to increase/decrease flow)



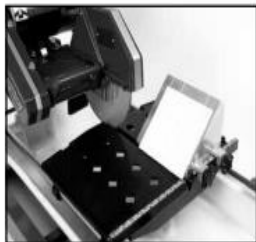
(D)
Perform the cut. Turn the motor
OFF when work is complete

45° MITER CUTTING

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



(A)
Position the 45° Bullnose
Miter Guide and tighten the
retaining thumbscrews



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



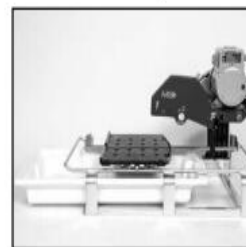
(C)
Verify proper cooling flow on
both sides of the blade (See
Maintenance Section to in-
crease/decrease flow)



(D)
Perform the cut. Turn the motor
OFF when work is complete

ADJUSTING THE POST FOR MAXIMUM CUTTING LENGTH

CAUTION The Cutting Head and Post are heavy. Care must be used when changing the position of the Cutting Head.



(A)
Remove Water Basin



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



(C)
Loosen the Retaining Bolts



(D)
Remove the Retaining Bolts.
Be sure to remove Standoffs
with the bolts.



(E)
Move Standoff and bolt to
rear post retaining hole



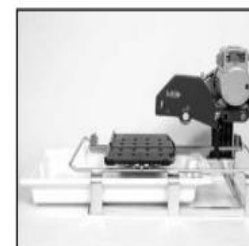
(F)
Relocate the Post to the rear
Post retaining holes



(G)
Install the post support and
tighten Retaining Bolts



(H)
Install the Cutting Head in
rear Pivot Hole (See Adjust-
ing the Cutting Head)



(I)
Install the Water Basin and
blade