

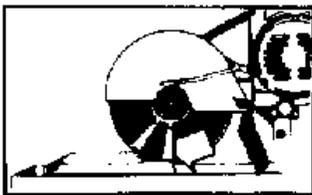
ASSEMBLY of BASIC & DELUXE MODELS

1. Put the stand on the floor and keep the stand from rolling with the floor lock.
2. Place the frame on the stand so that the cutting head support bar is the maximum distance from the end of the stand with the floor lock.
3. Place the pan on the frame and lock the pan in place with the four safety locks.

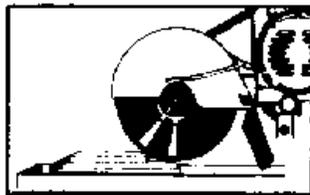


WARNING: Always keep the pan locked in place because an overhanging load could tilt the pan.

4. Place one of the conveyor carts on the rails. ONLY the Deluxe Model includes two carts – the standard large cart and an additional small cart (Saw must have Inner Rail kit) for small tiles.
5. Assemble the cutting head on the saw frame. Be sure the blade will line up with the center of the slot in the conveyor cart. Next, tighten the fasteners so that the cutting head is held securely on the base pivot bar, but can be adjusted up or down.
6. Adjust the cutting head so the blade-cutting rim is through the conveyor top, then tighten the adjustment control knob mounted on the belt guard. When it is necessary to make cuts in the center of the tile, the cutting head may be raised, and operated by hand.



Correct position for a diamond blade. The blade is positioned so that it is at least 1/4" below the top surface of the conveyor cart.



Wrong - The blade is positioned incorrectly in this illustration, as it is above the conveyor cart surface. Setting the blade too shallow may cause it to grab.

Good motor performance depends on proper voltage. Extension cords that are too long and/or small reduce voltage to the motor under load. Use extension cords no smaller than indicated below.

Motor HP	50' Cord		75' Cord		100' Cord	
	115V	230V	115V	230V	115V	230V
1-1/2 & 2	#10	#14	#10	#14	#8	#14

OPERATION

1. Be sure you are using the correct blade for the material. For best results, always use genuine FELKER diamond blades that have been specially developed for ceramic wall tile, quarry tile, marble, granite, slate and many other hard materials.
2. Use a wrench to tighten the flange nut securely, but first make sure the blade flanges are clean. Never use wing nuts, and never merely hand-tighten the hex nut.
3. The water supply should be adequate, with plentiful supply flow of water at all times.



WARNING: Keep water clean and make certain the **WATER LEVEL IS ALWAYS ABOVE THE PUMP INTAKE**. Wet-cut diamond blades must be used with a plentiful flow of water at all times.

4. Keep the V-belt tight for proper power transmission and longer belt life. Do not over tighten. Change V-belts in sets only.
5. Keep the conveyor cart clean and free of cuttings.

The small conveyor cart on the Deluxe Model should be used for tiles up to 12". The standard large conveyor cart is to be used for tiles above 12". The large cart will diagonally cut up to 24" x 24" square tiles or rip 36" tiles. An additional support is furnished which can be mounted to the side of the large cart for supporting oversized materials. The backstop can be lowered if the material overhangs the cart on the operator's end. In addition, an extra support can be mounted on the operator's end of the cart, if required.

Felker's Super Tile Master tile saws feature an exclusive, patented, adjustable tray that is guided to maintain squareness accurately. The adjustable tray permits the operator to adjust the saw to the most convenient and comfortable operating position whether the operator is cutting 4" x 4" or 24" x 24" ceramic tile units.

The stop bar on the water tray will automatically stop the tray when it has reached either the maximum forward or maximum rear position. The adjustable water tray is easily removed from the saw frame for transporting or cleaning.