

Walk Behind Concrete Saw

WARNING!! Grinding/cutting/drilling of masonry, concrete, metal and other materials generate dust, mist and fumes containing chemicals know to cause serious or fatal injury or illness. Use approved Eye Protection, Hearing Protection, Respiratory Protection, and Head Protection. The blade guard must be in place with nose guard down and locked when saw is running.

INSTALLING BLADE:

WARNING!! USE ONLY DIAMOND BLADES; NOT FOR USE WITH ABRASIVE BLADES.

1. Disconnect the spark plug.
2. Remove the blade shaft nut, (turn clockwise), and remove the outside collar.
3. Clean off any foreign particles on clamping surfaces of both collars and on mounting surface of blade.
4. Place blade on the blade shaft, lining up drive pin hole in the blade with the drive pinhole in the inside collar.
5. Slide outside blade shaft collar onto the blade shaft. The drive pin on the outside collar must project through the drive pin hole in the blade and into the inside collar.
6. Tighten the blade shaft nut (counter-clockwise) securely against the outside collar.
7. Reconnect the spark plug.

WATER SUPPLY:

Pressurized: Turn water control to full "ON" when using wet cutting blades. Required flow is 4-6 gal/minute.

Water Tank: This supply is for use with dry blades to keep dust levels down. Tank will not supply proper flow rates when used with wet cut only blades. Do not drink water from tank. Close water tank valve. Attach the saws water supply hose to the tank outlet. Fill with water only. Capacity is 5 gallons. When ready to cut adjust water supply rate until a fine mist or slow trickle is made. Use of water greatly decreases dust produced and aids in cooling blade.

OPERATING SAW:

1. Check engine oil level.
2. Raise saw to full upright position. Do not let blade come in contact with the ground.
3. Manuever saw to desired starting point.
4. If wet cutting, connect the water supply to the saw.
5. Start Engine
6. Turn on water supply at the source and open water valves on the saw.
7. Be sure engine is running at full throttle.
8. Slowly lower blade by rotating hand wheel clockwise until the desired depth of cutting is reached. Use a reasonable rate of feed. Do not force the blade into the cut.
9. When end of cut is reached, slowly raise blade out of the cut by rotating Hand wheel counter-clockwise until the blade is at least one inch above the ground.
10. Only move the saw in reverse with the blade in the raised position.
11. When moving the blade to a new location, be sure blade is not touching the ground. Pay attention to where you are moving and where the blade is at all times.

CUTTING TECHNIQUE

- Reduce the forward pressure if the saw begins to stall. For deeper cuts (4inches or more), several cuts should be made in incremental steps of 1-1/2 to 2 inches until the desired depth of cut is reached.
- Push saw steadily forward using the front pointer as a guide. If the saw stalls, raise the blade out of the cut before restarting. Avoid excessive side pressure or twisting of the blade in the cut.
- In critically hard aggregate, more than one single pass may be needed to cut the desired depth.
- Go slowly with a new blade until it opens up, that is, until the diamonds can be seen and felt.