



MIDGET CONCRETE SAW



OPERATING INSTRUCTIONS

GENERAL INSTRUCTIONS

1. Be certain you have the correct Dembicon Diamond Blade. Contact your Dembicon dealer for the correct specification - getting the exact blade will make a tremendous difference in your blade costs and performance.
2. Saw only as deep as the specifications and job conditions require. This will save blade life and reduce sawing costs. Excess depth sawing is wasteful - avoid it.
3. Saw in a straight line. Mark the cutting line clearly so the saw operator can follow line without difficulty and not have to twist the saw from side to side trying to force the blade back on line.
4. Mount the blade solidly and firmly on the arbor. **TIGHTEN BLADE FLANGE NUT VERY SECURELY.**
5. The front pointer and blade are factory aligned before shipment.

TO START SAW

1. For wet sawing, open water valve FULL open. Check water flow to be sure it is adequate before you lower the blade. If water supply diminishes - stop cutting immediately.
2. Start engine. Follow procedure in engine manual.
3. Let engine warm up at half throttle.
4. Open engine throttle FULL OPEN. All sawing is done at full throttle. **DO NOT CHANGE GOVERNOR SETTING** - it is factory-set for correct speed.

TO MANOEUVRE

1. Raise blade as high as required so blade will not strike pavement when manoeuvring.

TO START SAWING

1. Follow all the instructions outlined above.
2. Lower the Dembicon Blade into the cut (never deeper than required). When desired depth of cut is reached, start saw forward by gently pushing against saw.

If the saw should stall for any reason, raise the blade completely out of the cut before starting engine again.

When lowering the blade into a partially made cut, use extreme care to be certain the blade is perfectly aligned within the cut before starting to saw again.

AT FINISH OF CUT

1. Bring the blade out of the cut by hydraulic pump. Raise blade high enough to clear the pavement when manoeuvring the saw.
2. Turn engine throttle to IDLE location.
3. Turn off water valve.

MAINTENANCE INSTRUCTIONS

1. LUBRICATE BEARINGS DAILY (VERY IMPORTANT). Grease provides an added protective seal for the bearings.
2. Check engine oil daily. Keep oil at proper level. Keep oil clean.
3. When cutting dry, clean air cleaner daily. See instructions on unit for proper care and maintenance.
4. Engine care. See engine manual.

5. V-Belt blade shaft drive. This model Concrete Saw is equipped with the new "3V" premium V-Belts. These belts are properly tensioned at the factory. Severe damage of the crankshaft, or even breakage of the crankshaft might occur if the belts are too tight.

Check belt tension as set on the new saw and NEVER set belts beyond original tension. Not enough tension will destroy the belts quickly. Belts should never be allowed to slip.

A WORD ABOUT DIAMOND AND ABRASIVE BLADES

1. Diamond blades MUST be used WET. Diamond blades will be destroyed almost instantly if used without water - or with an inadequate water supply. You must have from 2½ to 5 gallons of water per minute flowing over a diamond blade for maximum performance.
2. A. Be certain to mark straight lines for the exact area to be sawed. NEVER try to saw without clearly marked lines.
B. It is usually better to saw only 1" deep per pass. If deeper cuts are required, make two or more passes.