



Bleeding Air From Your Portable Rebar Cutter

You may have to bleed the hydraulics on your cutter if the tool runs unusually slow or doesn't have the pressure to cut normally. Do not run tool with low or no oil. For best results please follow these directions:

1. If piston is still moving, run the tool for 2 minutes to warm the oil inside. If the piston is not moving, add oil before warming it up for 2 minutes.
2. When the oil is warm, run the piston out just before it returns and stop.
3. Remove the oil plug and top it off with oil.
4. Make a seal with your thumb over the oil plug opening.
5. Run the tool so that it makes a complete cycle.
6. When the piston is completely retracted in the open position, gently roll your thumb to let the unwanted air escape.
7. Repeat step #5 and #6 at least three times.
8. Add oil only when the piston is at least halfway out.
9. If you have to add additional oil, repeat #5 and #6.
10. Replace the bolt and tighten it.
11. Make three or four cuts with rebar. The machine should now be working properly. Make sure that you observe exactly at what point the rebar is actually breaking.
12. Pinch a piece of rebar stopping just before it actually breaks.
13. Remove the oil plug again and top off the reserve one more time.
14. Replace the bolt and tighten. The operation is now complete.

We recommend the following Non-Detergent Hydraulic Oils for use with our tools: Tellus 68 (Shell), Rando HD 68 (Texaco) or Chevron AW 68 (Chevron). Hydraulic oil can also be ordered in quart containers from your Diamond Tool Distributor. Use a 20-weight, non-foaming, non-abrasive hydraulic oil only in Diamond rebar cutters.

OPERATING INSTRUCTIONS

CAUTION: Indicates hazard that could result in minor personal injury and/or product damage.

CARE: Indicates hazard that will result in product damage.

PRE-USE CHECKS

Check oil level.

Check condition of cutter blocks and tightness of cutter block bolts.

CAUTION: Using loose or cracked cutter blocks may result in injury to operator as well as damage to unit.



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Check that the power source is appropriate to the cutter.

CARE: If voltage is too high, the motor will burn out. If voltage is too low, insufficient power will be generated. Never use DC current.

Check that power supply is properly grounded.

CAUTION: Failure to ground power supply may result in electric shock to operator. Check that cord is undamaged and that plug is not loose.

CAUTION: Cut or abraded covering could result in a short and electric shock to operator. If an extensions cable is to be used, make sure that it is undamaged and that it is the proper thickness for the length. See table below.

Cable Length	100/115V
	Cable size (AWG)
Up to 15mm (50 ft.)	14
Up to 30mm (100 ft.)	12
Up to 45mm (150 ft.)	10

Before plugging in the tool, make sure that the switch lock is OFF.

CAUTION: If switch lock is ON, cutter will start as soon as it is plugged in. To disengage lock, pull trigger-switch and press lock-button, which will pop out.

WARM-UP

In cold weather, warm up the tool unit for 30-60 seconds by holding the switch on and engaging the motor so that the hydraulic oil reaches the proper viscosity. Pull trigger-switch to extend piston and release when it has reached its full stroke. Repeat 15-20 times.