



Lancer L750

Coil Cutoff Machine



CUTOFF WHEELS

Lancer cutter wheels are available through your Distributor or directly from TURNER INDUSTRIES, Inc. These cutoff wheels have been specially designed with a resin bonded material allowing rapid cutting of copper that has been coated with various insulating materials.

Cutoff wheels are available in the following sizes.

<u>DIAMETER</u>	<u>ARBOR SIZE</u>	<u>THICKNESS</u>
3"	1/2" or 5/8"	3/32"
4"	1/2" or 5/8"	3/32"
5"	1/2" or 5/8"	1/8"
6"	1/2" or 5/8"	1/8"
7"	1/2" or 5/8"	1/8"
8"	1/2" or 5/8"	1/8"



Machine Shown with Optional Accessories

Model L750

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MODEL L750

The redesigned model L-750 Lancer coil cutoff machine drastically reduces stripping time compared to old hammer and chisel methods. Normally the investment in a Lancer Cutoff Machine can be completely recovered in less than a year, and in some high volume shops, its only a matter of months. Stripping motors becomes a matter of minutes rather than hours when using the Lancer Cutoff Machine.

REPAIR SHOP DEVELOPED

This machine was developed under actual repair shop conditions, and since it developed into such a huge success, we felt this machine could fill a real need in all motor repair shops. As a result, the new present model was developed for use in the motor repair industry.

MOTORS STRIPPED IN MINUTES

Most motors can be stripped in minutes by cutting off one end of the winding and then placing the stator in a burnout oven or chemical tank to remove the varnish so the coils can be easily pulled out.

OVER 1000 MACHINES IN USE

Currently over 1000 Lancer cutters are being successfully used in motor repair shops throughout the United States and Canada, as well as the U.S. Army, Navy and the National Guard.

NOW WITH 2 SPEEDS

The LANCER L750 Now has 2 speed capability to better match spindle speed to wheel diameter for more efficient cutting.



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OPERATING INSTRUCTIONS

- 1). Place the stator on the turntable and secure in the holding arms and turn spindle post crank to lower saw into the bore of the stator to approximately 1/8" above the laminations with the saw guard raised for cutting inside the bore.
- 2). Use high speed pulley for cutters up to 6" in diameter. Use low speed pulley for 7" and 8" diameter cutters.
- 3). Swing the saw in and out of the winding and rotate the stator each time the saw is out of the winding. Do not force the saw. This only causes excessive saw wear as Lancer cuts easily and quickly.
- 4). Either roast the winding or use a chemical stripper to loosen the wire so it can be easily pulled by hand or with a mechanical puller.
- 5). Sandblast or use chemical strippers for final clean up of stator and slots before winding.

Caution: Do not operate cutter outside of the stator base without cutter guard in place. Wear protective equipment while using this machine.

MACHINE SPECIFICATIONS

Approx. Shipping Wt. 325 lbs.
 Approx. overall dimensions when assembled 32"W x 36"L x 60"H
 Spindle Speeds 6500 RPM 8300 RPM
 Drive Motor 3 HP 3600 RPM 60 HERTZ
 230/460V Three Phase, or 115/230V Single Phase.
 Starter: Magnetic with overload protection, under voltage protection and foot controlled switch.
 Motor Frame sizes that can be handled:
 Minimum: 48 motor frame size is generally the smallest frame that can be handled.
 Maximum: Motor frame diameter—36" (Optional floor mounted turntable available to increase this to 48")
 Maximum motor frame length—20" (With floor mounted turntable, maximum length is 36")

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SEE BACK PAGE FOR CUTTER WHEEL INFORMATION