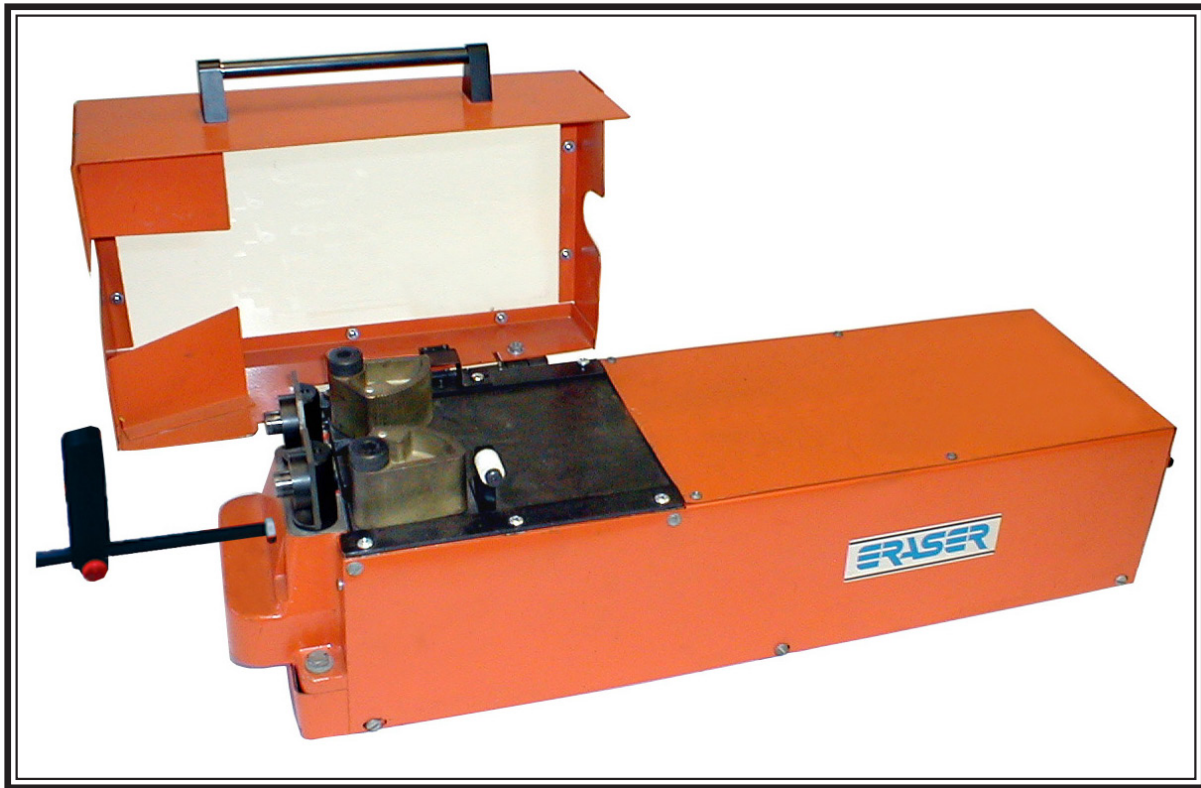




Operating Manual

Please Read Before Operating Unit



LSA20 Series Air-Operated Cable Strippers

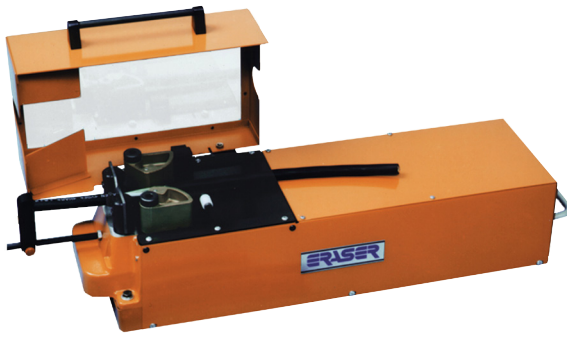
Service and All Spare Parts Available

The Eraser Company, Inc.
PO Box 4961
Syracuse, NY 13221, USA

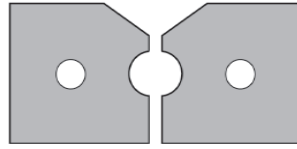
Phone: (315) 454-3237
Fax: (315) 454-3090
Website: www.eraser.com
E-mail: info@eraser.com



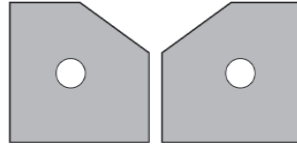
LSA20 Air-Operated Cable Stripper



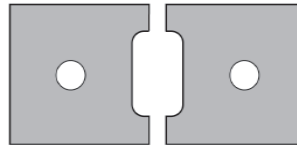
BLADE TYPES



DIE: For round wire and cables. Select size from die blade ordering chart.



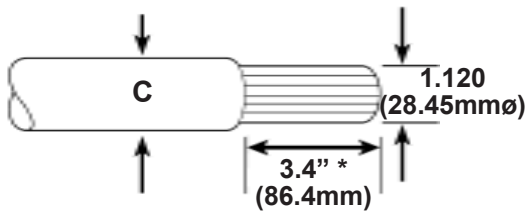
PARALLEL: Strip will not be as neat as produced by die blades. Generally they will strip cables with conductor diameter up to 0.400" (10.1mmø).



CUSTOM: Custom manufactured for your specific application. Die type blades are also available custom manufactured for critical applications.

SPECIFICATIONS

Maximum Strip Length*up to 3.4" (86mm)
 Power90 P.S.I. air supply
 Decibel rating..... 80 dB(A)
 Machine Size24" x 7" x 7-1/2"
 (610mm x 178mm x 191mm)
 Weight 30 lbs. (13.6 Kg.)



"C" = wire/cable diameter over insulation +.005"

LSA20.....1.250" (31.8mmø)
 LSAR10.....1.06" (26.9mmø)

*Strip length maximum is for once cycle of the machine. Dependent on cable type and size, strip length of the machine may be increased by cycling the machine more than once.

ORDERING INFORMATION

AR6800 (LSA20)Air operated wire and cable stripper with serrated cable clamps
 AR6700 (LSAR20).....Air operated wire and cable stripper with rubber covered clamps
 Blades..... Select from table below or send sample for custom sizing
 PR0003.....Combination air filter, regulator and lubricator
 PR3623.....Six foot air hose with quick disconnect

DIE BLADES

Die blades must be ordered separately. Use the following information to select the proper blades for your application. Measure the diameter of the conductor of the wire and select the appropriate die blade. Die sizes not shown are available as customs. Contact the factory for information on custom blades.

DIE BLADE ORDERING TABLE

Order #	Diameter of die	
	inches	mm
IR1702	Parallel Blades	
IR1707	0.063-0.074	1.60-1.88
IR1708	0.075-0.102	1.91-2.59
IR1709	0.103-0.123	2.62-3.12
IR1710	0.124-0.142	3.15-3.61
IR1711	0.143-0.183	3.63-4.65
IR1712	0.184-0.208	4.67-5.28
IR1713	0.209-0.237	5.31-6.02
IR1714	0.238-0.285	6.05-7.24
IR1715	0.286-0.327	7.26-8.31
IR1716	0.328-0.370	8.33-9.40
IR1717	0.371-0.416	9.42-10.57
IR1718	0.417-0.448	10.59-11.38
IR1719	0.449-0.495	11.40-12.57
IR1720	0.496-0.558	12.60-14.17
IR1721	0.559-0.620	14.20-15.75
IR1722	0.621-0.714	15.77-18.14
IR1723	0.715-0.792	18.16-20.12
IR1724	0.793-0.870	20.14-22.10
IR1728	Custom Blade Set	

MODEL LSA20 AIR-OPERATED CABLE STRIPPER

OPERATING INSTRUCTIONS

SET-UP:

The LSA20 is supplied with one length stop rod with length stop assembly and two Allen wrenches, 5/64 and 5/16. A set of die blades must be ordered separately. (Send material for sizing or select from "Ordering Information." A 1/4 NPT male connector with shutoff valve or a quick disconnect (See *Options*) is also needed. However, do not connect the air supply at this time.

Place the unit horizontally on the workbench with the blades on the left end so the guard opens away from the operator.

Open the guard and install the length stop rod in the threaded hole provided at the front of the unit. When the length stop is in the correct position, tighten the locking nut against the boss on the housing to lock the length stop into place.

Blade Installation:

Using the 5/16" Allen wrench, loosen but do not remove the locking bolt on each blade holder. Slide off the horseshoe washers. Slide the stripping blades over the bolt onto each holder with the counter sink on the blades facing the cable clamps. (If the blades used have an angled edge, it will face upward). Reinstall the washers. Check that each blade is seated on the bottom of its blade holder. NOTE: Only stripping blades with a 0.594" (15mm) center hole may be used on the blade holders. Adjust the blades for the desired spacing. Die blades should come together for best stripping performance, but may be slightly separated to allow for variations in cable sizes. Center the opening of the die blades directly above the center of the cable height adjuster. If using straight blades, center the opening using the cable height adjuster as a guide. After all adjustments have been made, tighten the locking bolts securely. If using the IR1702 straight blades, use the cable height adjuster as a guide to center the opening between the blades. After all adjustments have been made, securely tighten the blade holder screws.

Adjust the cable height adjuster. The adjuster is used to help the operator place the cable properly in the blades. Using the small Allen wrench, loosen the two set screws located beneath the cable height adjuster. With the screws loosened, pull the adjuster

up to the desired height and retighten the screws. Replace the blade opening lever (removed earlier) onto the blade holder.

Adjust the strip length stop for the desired length. To do this, measure from the face of the blades to the face of the length stop. Loosen the thumbscrew in the side of the length stop to slide the length stop block in and out to the desired location. Tighten the thumbscrew. Note: As the cable diameter gets larger, the length stop will have to be moved out further to compensate for the angle of the blades during the initial stripping action, when the blades are open.

The secondary length stop should also be adjusted at this time. Use it to support smaller diameter cables. It is located inside the primary length stop. Loosen the thumbscrew and position the secondary length stop to the desired height and tighten the thumbscrew.

With the blades installed and all adjustments made, the unit may now be hooked up to the air supply.

! CAUTION: The guard activates the stripping action of the unit. Be sure it is OPEN when the air supply is being connected to avoid injury.

The unit requires a 1/4 NPT male connector to connect an air supply capable of providing 90 PSI. The air intake is located on the same side as the handle of the LSA20. The air line going to the unit should contain a quick disconnect or shutoff valve. If the air line does not already contain a lubricator and filter, the optional PR0003 may be used. (See "Options" for installation instructions for the PR0003). With the air supply connected, the unit is now ready for use.

OPERATION:

! CAUTION: Never operate this unit without the guard fully attached and functional, as injury could result.

Be sure the air supply is turned on, and the guard is open.

Using the blade opening lever, open the blades and insert the cable to be stripped between the blades and clamps, up to the pre-set strip length stop. Rest the cable on the cable height adjuster. Release the blades, ensuring that the cable is properly aligned in the blades. Align the cable straight back on the stripping table so it will not obstruct the guard when

MODEL LSA20 AIR-OPERATED CABLE STRIPPER

closed. Close the guard to activate the stripping action. **NOTE: As a safety feature, the table will not activate until the guard is fully closed.**

The stripping table will move back, stripping the cable. If the strip length is short enough that the slug is removed at this point, simply pull the stripped cable out through the back of the guard. Lift up on the guard to return the stripping table to the start position for the next strip. **NOTE: The guard will not lift all the way up until the table is in the start position.** If the strip length is longer than can be achieved in one cycle, hold the cable in place and lift up slightly on the guard until the stripping table moves back to the start position. Close the guard fully to initiate another cycle. Repeat until slug is completely removed.

Once the strip cycle has been completed and the table returned to the start position, remove the slug and any debris if necessary and repeat the procedure for the next piece.

OPTIONS:

Air Filter, Regulator and Lubricator (PR0003):

An air lubricator and filter system is necessary to protect the pneumatic system of the LSA20. If one is not already present on the air supply, the PR0003 may be used. Two 1/4" NPT male connections are required to connect the PR0003 within the air line going to the LSA20. The unit is equipped with a regulator to control the cycle time of the unit.

Air Hose with Connector (PR3623):

This option includes a six foot air hose, 1/4" NPT quick disconnect that attaches to the LSA20, and a 1/4" NPT male connector that attaches to the PR0003 above.

MAINTENANCE:

Periodically, lightly lubricate all moving parts with machine oil or a light grease. Slides must be lubricated with grease. Keep slugs and debris away from guard sides when closing guard, and keep area around guard clean. No other maintenance is required.

If it becomes necessary to replace the clear portion of the guard, disconnect the air supply, remove all the screws and nut holding the clear portion in place, and replace with a new piece. Reconnect the air supply. **Note: DO NOT remove the steel portion of the guard. Only factory authorized personnel should replace the guard if it is necessary, as safety and proper operation may be affected if this maintenance is performed by untrained personnel.**

TROUBLESHOOTING:

PROBLEM: Wire or cable does not strip

SOLUTIONS:

- 1) Check that the blades are the correct size and type for the material being stripped.
- 2) Check that the blades have been properly installed and that blade holder screws are tight.

PROBLEM: Strip length stop will not slide over stop rod

SOLUTION:

Check rod for burrs caused by thumbscrew, and remove.

PROBLEM: Unit will not actuate

SOLUTIONS:

- 1) Check for debris or slugs caught under sides of guard when guard is closed
- 2) Check that unit is hooked up to air supply of 90 PSI

IMPORTANT: NO LIABILITY WILL BE INCURRED BY THE ERASER CO. FOR INJURY, DEATH, OR PROPERTY DAMAGE CAUSED BY A PRODUCT WHICH HAS BEEN SET UP, OPERATED, AND/OR INSTALLED CONTRARY TO ERASER'S WRITTEN OPERATING MANUAL, OR WHICH HAS BEEN SUBJECTED TO MISUSE, NEGLIGENCE, OR ACCIDENT, OR WHICH HAS BEEN REPAIRED OR ALTERED BY ANYONE OTHER THAN ERASER, OR WHICH HAS BEEN USED IN A MANNER OR FOR A PURPOSE FOR WHICH THE PRODUCT WAS NOT DESIGNED.

The Eraser Company, Inc.
PO Box 4961
Syracuse, NY 13221, USA



Phone: (315) 454-3237
Fax: (315) 454-3090
Website: www.eraser.com
E-mail: info@eraser.com

IR5087
REV 10/21