

DIGITAL 42 & 60 User-Friendly Big Format Laminating and Mounting

These 42- and 60-inch wide machines were the first designed exclusively for the owners of 36- and 50-inch inkjet printers. They do all the finishing tasks required of a large format imaging shop – laminating one side or two, encapsulating, mounting with heat activated (dry mount) or cold pressure-sensitive adhesives (PSA), simultaneous mounting and laminating, and application of cold adhesives.

These machines were made to be very easy to use, incorporating many of the glitch-proof features we developed over 40 years of making laminators for schools and commercial finishing shops. These

units will laminate one item then mount and laminate the next in one pass using mounting boards up to 1/2-inch thick. No setup change is needed. In fact, you can laminate one item, then mount and laminate the next in one pass without even stopping the machine.

With a top speed of 30 FPM and a sustainable laminating speed of 12 FPM with 5-mil film, the Ledco Digital are much faster than the other machines made for big format color applications. An optional release liner takeup allows these machines to apply cold laminating films, vinyls, and other PSA materials needing removal of a liner.

Standard features on both machines include variable speed, independent top and bottom heat controls, spacious feed tray, powerful film cooling system, and swing-away heating units for cold applications and easy cleaning of the rollers.

Ledco's new patented *ThermoGlide*™ option is available on both units.

ThermoGlide™ replaces the standard heat shoes with a series of heated idlers for quieter, frictionless movement of the film into the laminating rollers.

ThermoGlide™ combines the best features of hot shoes and hot rollers to produce the next generation of thermal laminating technology.

Ledco is known for making machines which are very reliable, easy to use, and inexpensive to maintain. These units maintain that reputation. They come with a one-year factory warranty.

They are shipped fully assembled with a helpful operator's manual and a 90-minute instructional videotape. Ledco provides a toll-free help line to back up the training and support required of its dealers. Customers are encouraged to call so that small problems do not become big ones.

(Stand is optional on the DI-42; casters are optional on both the DI-42 and DI-60)

LEDSCO INC.



Standard features and benefits:

- Quality silicone rubber laminating rollers release materials easily and maintain their flexibility for a good edge seal.
- Two sets of rollers keep the film flat and tight while heat laminating so that the automatic fans cool and set the adhesive. When thermal films cool in a slack state, the surface of the lamination is wavy and rippled.
- Supply roll tension is easy to adjust by simply tightening or loosening the tension control knobs on the supply roll mandrels.
- Variable speed allows thinner films to be run faster, and enables mounting or the use of thicker films, which require slower speeds.
- Independent temperature controls for top and bottom heaters allow the use of different materials on front and back of an image.
- Large feed tray makes it easier to handle big graphics. The pressure strip next to the nip helps keep images flat and wrinkle-free.
- Swing away heaters make it very easy to clean the laminating rollers and simplify the use of many cold materials.
- Made in the U.S.A. All parts, including motors and controls, are made here as well.

ThermoGlide is a trademark of Graphic Laminating, Inc., and Ledco, Inc.



ThermoGlide™



Release Liner Takeup

Specifications 42/60

	<u>42</u>	<u>60</u>
Max. Laminating Width:	42"	60"
Speed:	0-30FPM	0-20FPM
Laminating Roller Diameter:	3"	3"
Supply Roll Core Size:	3"	3"
Recommended Film:	up to 10 mil	up to 10 mil
Max. Laminating Thickness:	1/2"	1/2"
Max. Film Roll Diameter:	10"	10"
Dimensions:	53L26H34W	71L39H43W
Shipping Dimensions:	71L39H43W	91L39H43W
Weight/Shipping Weight:	500/800lbs.	880/1200lbs.
Motor:	1/4 HP D/C	1/4 HP D/C
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Standard heat shoe machine:		
Electrical (single phase)	208-240V single phase 50-60 cycle 30 amps	208-240V 40 amps
Electrical connector	NEMA L6-30P	NEMA L6-50P
Heater	5200 watts	7400 watts
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<i>ThermoGlide</i> machine:		
Electrical (single-phase)	208-240V 40 amps	208-240V 60 amps
Electrical connector	NEMA L6-50P	no connector (hard wired required)
Heater	7800 watts	11,100 watts

Specifications subject to change without notice. *TG (*ThermoGlide*)

Options

Roll feed assembly. The lamination of long images or rolls of images is simplified by a roll feed process. It is difficult to keep long graphics going straight if they are fed from a table. Rolling the material up on an empty core and feeding from a tensioned supply roll with an idler bar insures the material will stay flat and straight from beginning to end.

ThermoGlide™ replaces the standard

top heat shoe with a series of heated idlers for quieter, frictionless movement of the film into the laminating rollers. The *ThermoGlide* option can only be added at the factory when the machine is ordered.

An extruded aluminum stand is an option on the DI-42, and is standard on the DI-60. Casters are available for either stand, but it is suggested they be removed for stability and safety once the machine is in a permanent location.

Release liner takeup. Provides for the application of cold (pressure-sensitive adhesive or PSA) laminating films. It is not needed for the application of single-liner cold adhesives.

Slitters remove the side scrap from both sides of each sheet as it goes through the laminator. This greatly reduces the amount of time required for trimming.

Member:



INTERNATIONAL
REPROGRAPHIC
ASSOCIATION

LEDCCO INC.

4265 North Main St. Hemlock, NY 14466
716-367-2392
FAX 716-367-2978
Web: ledcoinc.com
Email: ledco@ledcoinc.com