

 **EMBLEM**[®]



 **EMBLEM**
EASYLAM
junior II

Product Description and Operating Manual

IMPORTANT SECURITY NOTICE

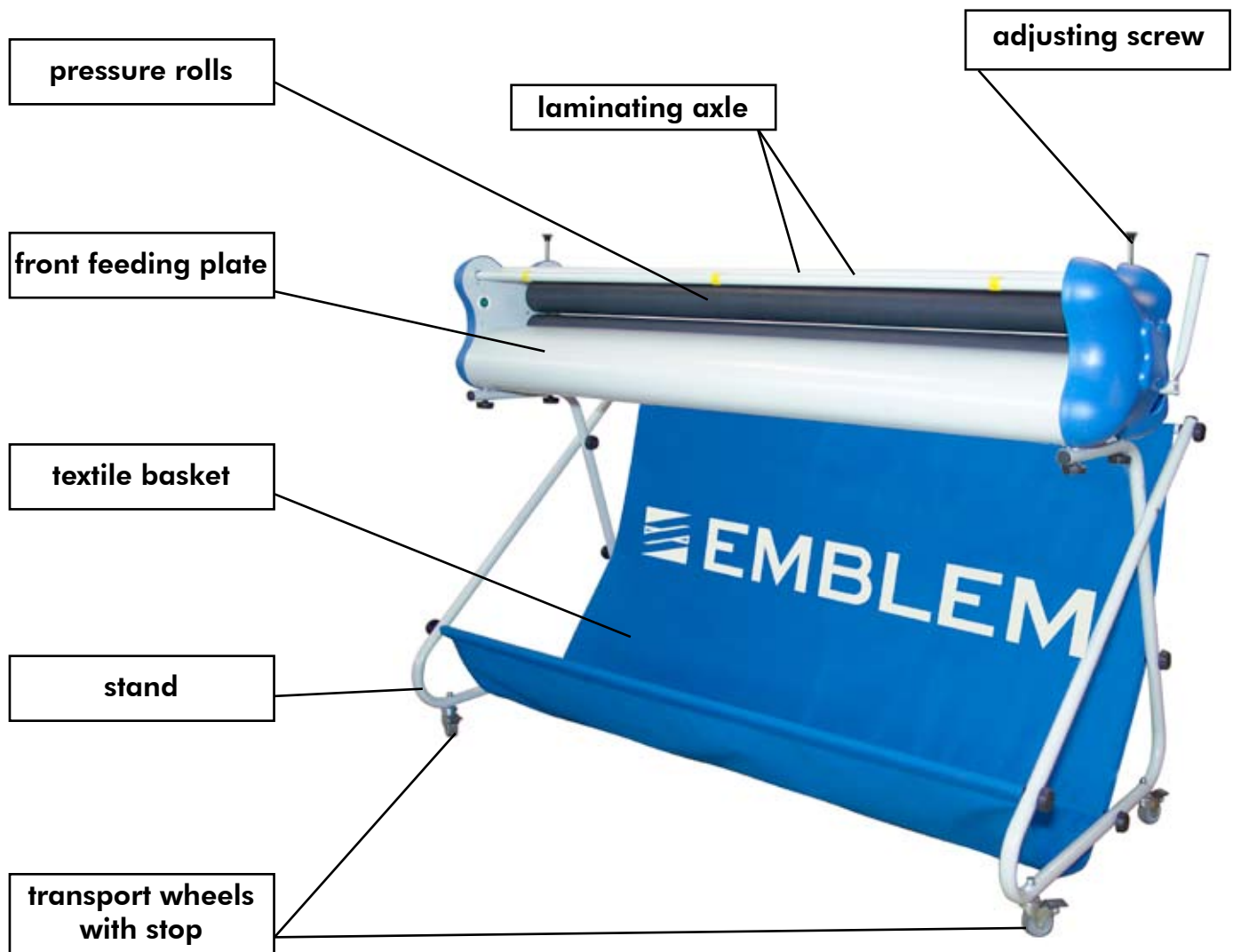
The user of the laminator is obliged to observe the security regulations in his country. Fingers, clothing or hair must be kept free from the pressure rolls, to avoid injuries when applying / inserting material.

The unit must never be connected to an electrical power supply, which is not conform with its electrical data. If the EMBLEM EASYLAM junior II does not work as expected, it has to be switched off immediately.

Liquids or mechanical / metal parts may never be allowed to penetrate the unit. The power supply cable must not be squeezed or otherwise damaged. Avoid risk of tripping over cable.

For disconnecting the cable, pull the plug, never apply force to the cable. Defective cables have to be replaced immediately.

Disconnect the laminator from the power supply, if the unit is not in use for some while. While assembling the laminator take precaution of injuries to hands and/or fingers. Passive operating security is given through the rubber coated pressure rolls and the internal Voltage of 12 V =.



1. DESCRIPTION OF THE EMBLEM EASYLAM JUNIOR II LAMINATOR

EASYLAM junior II is a cold-laminator for large-format prints. It allows laminating and sealing, material up to maximal width of 1400 mm and a thickness of 30 mm. With its rugged design, a simple mechanical construction and the 12 V = system supply, the laminator ensures reliability, safety and long life time with minimal maintenance requirements.

Laminating film is placed on the top rollers, which have an easy to clean surface finish. The laminating pressure of the rubber coated pressure rolls is controlled by means of a lever. Adjustable springs allow the height adjusting of the unit, which enables to open the pressure rolls for material up to 30 mm thickness.

EASYLAM junioris II provided with an electric motor, which is controlled by means of foot-operated regulating pedal, and a separate switch for continuous running.

The torsion moment is transferred through an indented belt onto the inner axis of the rubber coated pressure roll. When under increased pressure, deflection of laminating rolls is noted the pressure must be reduced. The material to be laminated (paper, foil, thin plastic) is inserted via the front feeding plate. Its radius eliminates possible transversal corrugation.

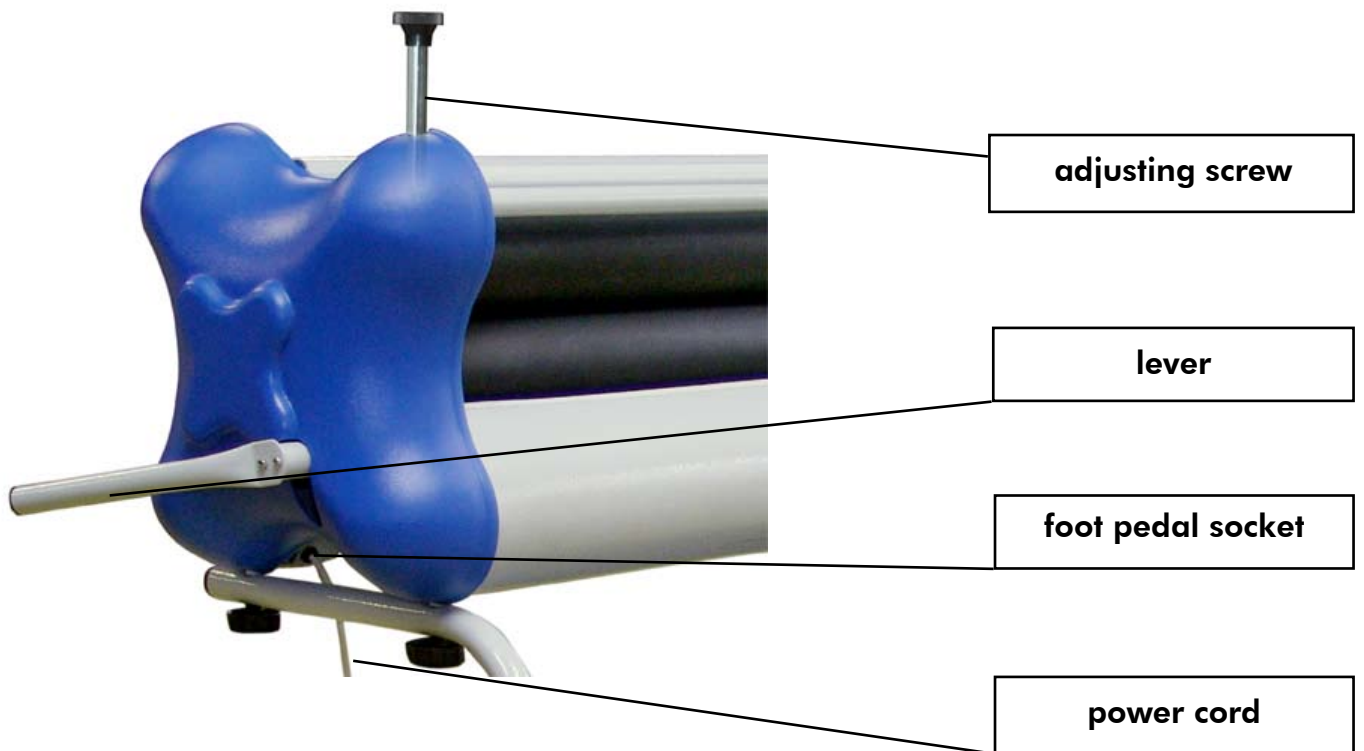
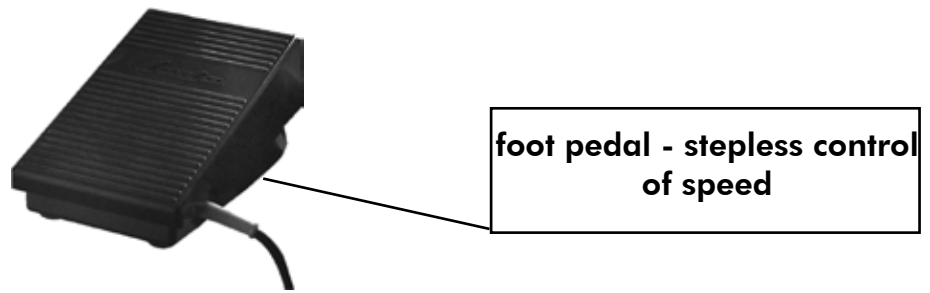
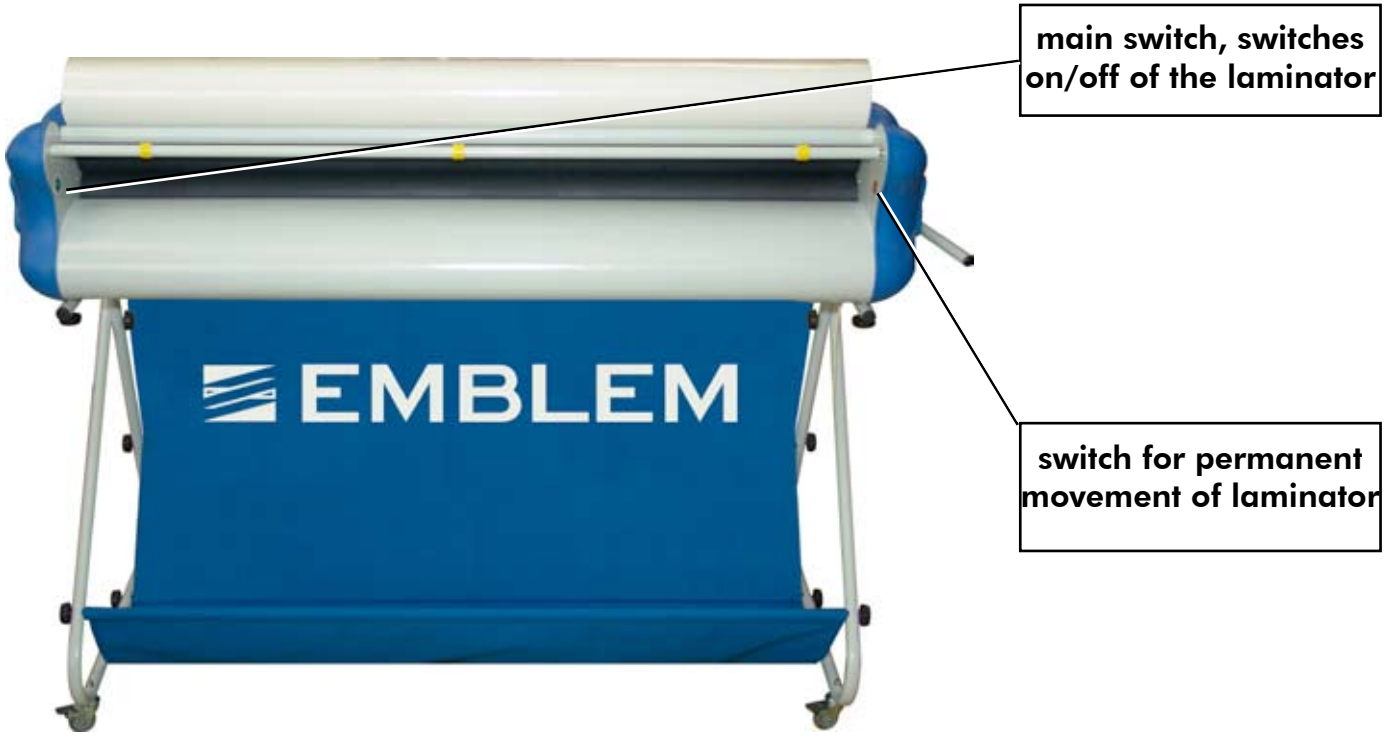
With the possibility to use material without interlayer silicone paper (like Application Paper) next to regular laminating film, and the simple application, this laminator becomes a very efficient, fast, and easy to use tool for everyday use. Of course the laminator also is equipped for winding interlayer paper as used with standard and special films.

The universality and cost efficiency of EASYLAM junior II makes it to the perfect laminator for use under professional conditions when small numbers of pieces are produced (advertising studios, printing offices, offices, copy centres, etc.).

2. PREPARATION AND INSPECTION OF THE LAMINATOR BEFORE OPERATION

EASYLAM junior II can be operated in normal workshop or office environment, under regular temperature and humidity conditions. Dust and dirt represent a considerable risk factor, which may effect the quality of output. Before starting the job it is recommended :

- to check that metal rollers, pressure rubber rolls and feeding plate are clean. (if necessary clean with antistatic dust-cloth and / or cleaning alcohol)
- to switch on the laminator and check its function.
- to provide work space around the laminator for material in- and output.



3. INSERTING THE LAMINATING FILM

Put laminating film on the laminating axles of EASYLAM junior II.



Insert brakes.



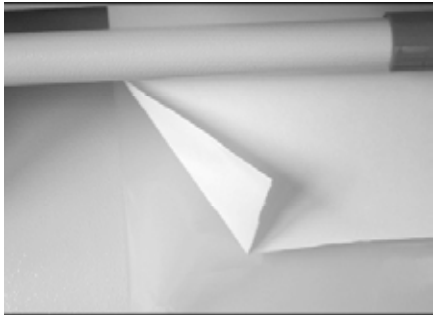
Lift the backing paper and stick a 10cm "parkingstrip" onto the whole width of the laminate. Do not cut off the backing paper! Fold back the backing paper.



Notice:

The „parkingstrip“ isolates the layer of the glue from the pressure rolls and prevents a adhesion of both.

Bent the corners of silicone paper as shown.



Open pressure rolls, by moving the control lever up Pull laminating film through the pressure rolls (see below) and reset the lever in fix position.



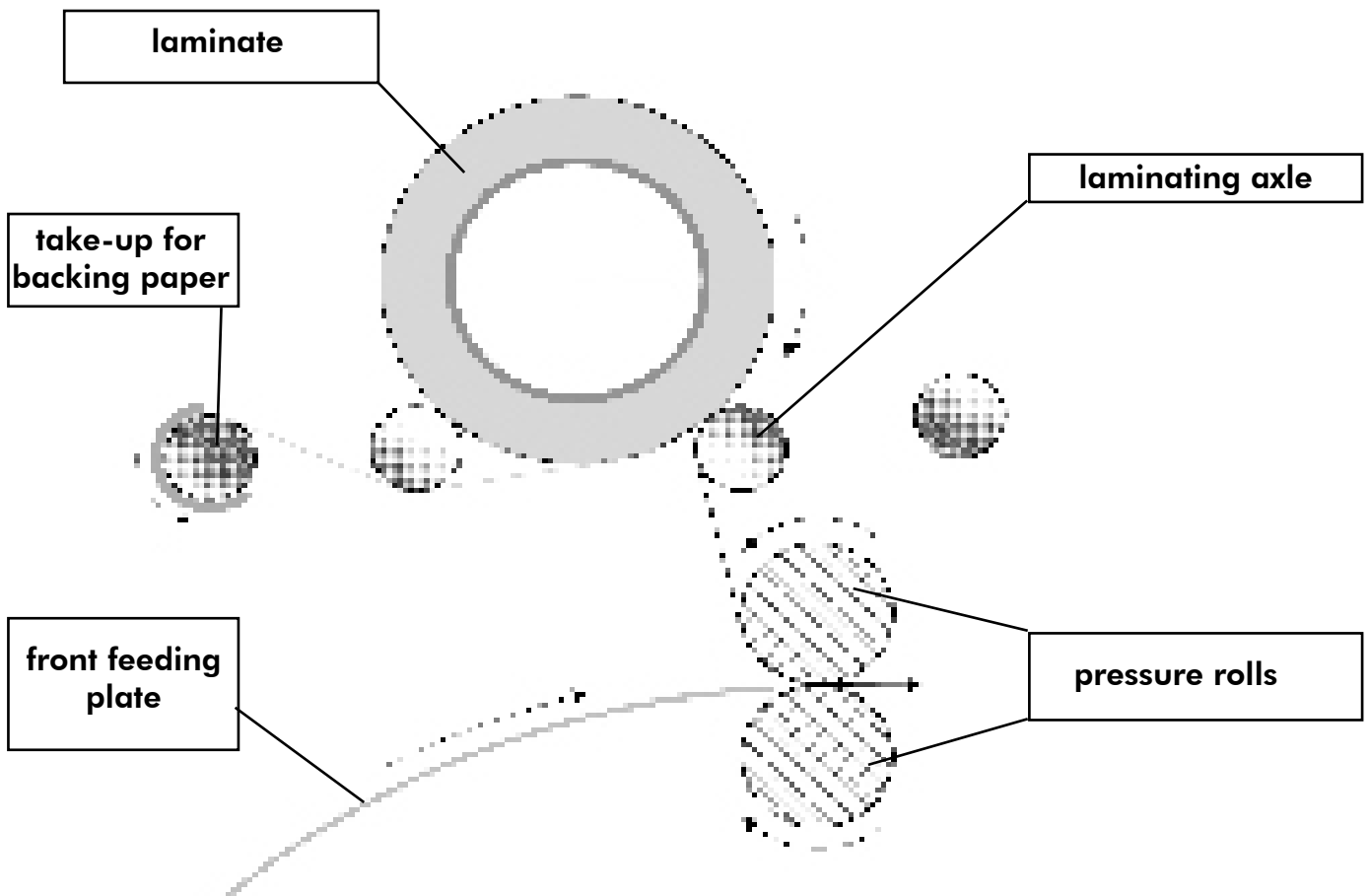
Grab the silicone paper at the bent corners and pull off for approx. 20 cm, then fix the paper by means of the 2 plastic fasteners.



Notice:

Make sure, that parkingstrip is between the pressure rolls and the "laminating window" is positioned in front of the pressure rolls..

DIAGRAM FOR LOADING THE LAMINATING FILM



4. LAMINATING

Before inserting the printed matter into the laminator, make sure, that the laminating film is free of wrinkles and clean. These kind of disturbances can be transferred to the final product and can damage it irreversibly. It is necessary to feed the printed matter flat and straight by hand over the feeding plate until contact with the laminating film. Now, the EASYLAM junior II can be started with the foot pedal. If necessary smoothen the material by hand. When entered between the laminating rolls, the printed matter is sealed with laminating film and leaves the laminator through the rear cover. The movement of the printed matter should be smooth (without stopping). After the printed matter has passed through, a further print can be inserted (allow for a small distance between the jobs) or the work can be terminated.

5. PARKING OF THE FILM, TERMINATION OF LAMINATION

When the work is to be interrupted for a short time, insert a parking stripe (paper, foil etc. with dimensions approx. 10 cm x width of the package) in order to prevent the adhesive from sticking on the pressure rolls. If the film reel has to be changed, or the work is to be interrupted for a longer time, wind the film up back into reel and store in accordance with manufacturer's recommendations. When the work is terminated, cover the EASYLAM junior II with a dust protection. It also is recommend to disconnect the power source from mains.

6. ADJUSTMENT OF PRESSURE

A Lamination:

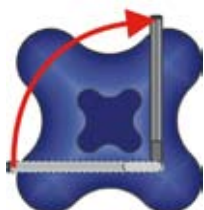
Lamination of materials up to 1,5 mm thickness



Both adjusting screws unscrew to upper stop position (position 0) in counterclockwise rotation.

B Mounting:

Mounting of materials between 1,5 - 25 mm thickness 1,5



1. Lift lever.



2. Both adjusting screws screw in clockwise rotation. The distance between the pressure rolls must be 5 - 10 mm more than the thickness of the mounting plate.



3. Put the mounting plate and the adjust plate between the pressure rolls. (detail 1.)



detail 2.

4. Use one of the adjusting screws in counterclockwise rotation to lift the lower pressure roll until the adjust plate has contact to the upper pressure roll. (detail 2.)



detail 3.

5. Now use the other adjusting screw in counterclockwise rotation to lift the lower pressure roll until this side of the adjust plate has contact to the upper pressure roll. (detail 3.)



6. After correct adjust of both sides, pull out the plates.

Possible Errors:

Less pressure – The pressure rolls are free, you see a gap above the adjust plate.

Too much pressure – The pressure rolls are fixed. It is not possible to pull out the adjust plate.



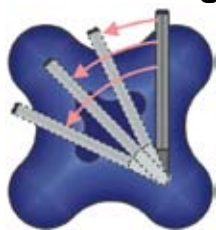
7. Press down lever. Now you have the right pressure for mounting with this thickness of mounting plate.

Notice

Please repeat this for mounting plates with other thickness. If not you damage your print (because of less pressure for mounting) or the laminator springs (too much pressure).

C Mounting:

Mounting of materials between 25 - 30 mm thickness



1. Lift lever.
2. Both adjusting screws screw to lower stop position in clockwise rotation.
3. Put the mounting plate between the pressure rolls. Turn on the pressure rolls. Press down the lever carefully until both pressure rolls are rotating. Now you have the right pressure.

Notice

Never overpower the springs by forcing the turning the lever in the lower position. There is a danger of damaging the laminator (springs)!

Take-Up of backing paper

The backing paper is fastened up to take-up by means of 2 plastic clamps. After the work is done, cut the backing paper and remove it from the take-up.



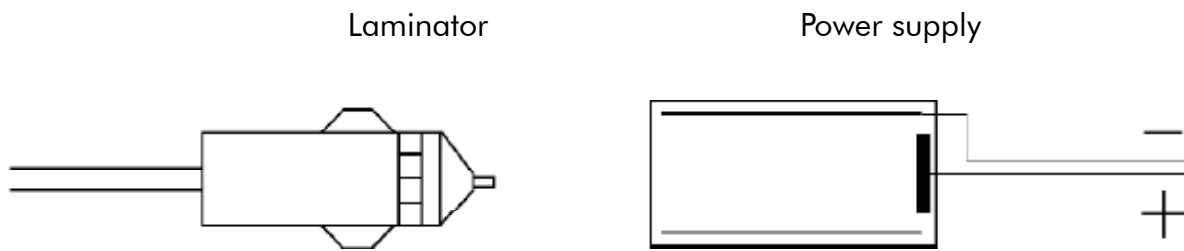
7. MAINTENANCE, SERVICE

EMBLEM EASYLAM junior II has been designed as a maintenance-free device for professional use, which does not require special user's care.

- cleaning - with technical gasoline, alcohol
- pressure roll maintenance: use an agent for regeneration of rubber parts (for instance silicone oil), approximately once a month
- the use of laminating film from the EMBLEM range is recommended.
- for service, please contact your local dealer.

8. POWER SUPPLY

The power cord for the laminator is equipped with a standard car-plug. Please connect this to the EMBLEM power supply unit. If using another power supply, make sure the correct connection / set up is used.(See scheme)



9. SPECIFICATIONS

width of the pressure rolls	1420 mm
diameter of the pressure rolls	80 mm
maximal width of the laminating film.....	1400 mm
maximal thickness of the material to be laminated	30 mm
lamination speed	ca. 2,5 m / min
power supply	220V~ 50Hz / 12V= / 2,5 A
operating control	foot-operated regulating pedal / switch for continuous running
dimensions of the machine with stand	1750 x 1300 x 750 mm
weight of the machine	ca. 60 kg

Technical specifications are subject of change

WARRANTY AND LIABILITY

Our general sales conditions are valid. Under no circumstances, technical changes or modification of the unit are permitted. Any interference of unauthorized persons cause loss of the warranty. We also refuse warranty for units which are not in original condition. For further information please contact your local dealer!

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