

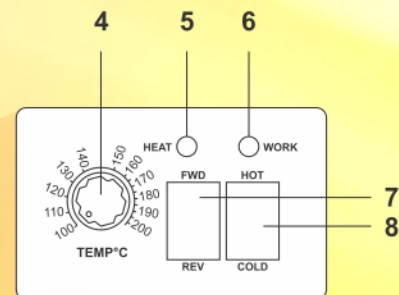
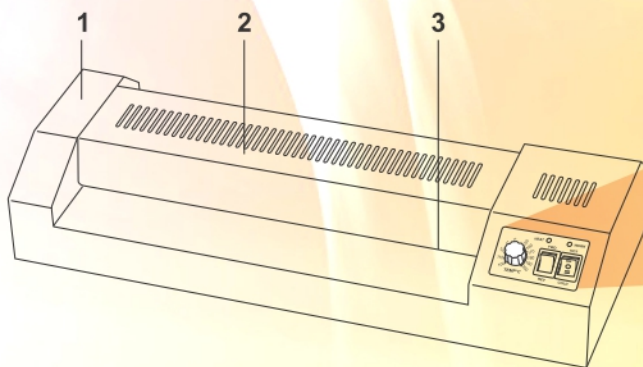
Laminator LM Deluxe

The new VMS LM Deluxe Laminator has been specially designed with rigidly built rollers for precision drive control. It is compatible with most types of laminating pouch films. This laminator is suitable for both hot and cold functions with forward and reverse operations. The laminated item remains completely flat and is resistant to water, fading and abrasions.

Features

- Sturdy and durable construction
- Easy, reliable and economical operation
- Advance and retreat functions
- Silent and efficient drive systems
- Wide temperature adaptability
- Integrated chip output

Laminator Parts



Control panel

- | | | | |
|--------------|---------------------------|---------------------------|----------------------------------|
| 1. Body | 3. Film Insert | 5. Power Light Indicator | 7. Forward – Reverse Switch |
| 2. Top cover | 4. Temperature Adjustment | 6. Operation on Indicator | 8. Hot – Power Off – Cold Switch |

Operation

1. Connect the machine to the power supply (230V-50Hz).
2. Turn on the power on by switching to HOT position (8) – the power light indicator will turn red (5). The roller will start to heat up and the operation light will turn green (6).
3. The temperature can be set (4) according to the pouch film thickness (See the table for indicative temperature settings).
4. If the film thickness is not known, make a test run with the temperature control set to the lowest position. Wait for 3 minutes for the heater to reach the set temperature during which the operating light turns green. Wait for 1 minute, the light will go off and then switch on again. This indicates the machine is now ready for lamination.
5. Place the item between the two layers of the pouch film and always insert the closed end of the pouch film into the slit in the front side of the laminator (3).
6. The laminated item will emerge after few seconds at the back of the laminator.
7. In case when placing the film in the machine, the item shifts position or appears skewed, press the reverse switch (7). The film will return out. Re-position the item properly and re-insert into the machine.
8. The temperature adjustment is to be done according to the film thickness and material. If the temperature is too low, the laminated item will not appear clear and if the temperature is too high, the lamination will have wrinkles. Increase or decrease the temperature accordingly.

Laminating Temperature

Film thickness (micron)	Temperature °C
38	100
75	110
125	140
250	180

(Film stabilized at room temperature)

Caution

1. Ensure the pouch film is always inserted with the sealed end, otherwise it could lead to the film wrapping around the rollers or getting crumpled.
2. Keep and store the machine in a cool and dry place away from other flammable items.
3. Do not spill water or other liquids on the machine while it is in operation.
4. Please ensure the machine is properly connected to the ground line.
5. Before turning the machine off, set the temperature control to cold position, wait for 2 minutes and then disconnect the power. This will ensure the roller is running and cools down properly before it stops rotating.
6. Clean the rollers with a soft cloth and propel alcohol periodically to avoid film wrap around rollers.
7. Do not use benzene or other thinners for cleaning.
8. Disconnect the power before opening the machine for cleaning or repairs.

Technical specifications

Model	:	LM Deluxe
Laminating width, max.	:	320mm
Laminating speed	:	475 mm / minute
Operating temperature	:	90°C to 180°C
Drive	:	AC geared motor
Heating system	:	IR lamp
Rollers	:	4
Roller diameter	:	20.5 mm
Item thickness	:	≤1.2 mm
Power	:	400W
Voltage	:	230VAC 50HZ
Dimensions (W x L x H)	:	445 x 175 x 90 mm
Machine weight	:	5 Kg

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Certifications: ISO 9001:2008, ISO 14001:2004, CE, OHSAS 18001:2007 and WHO-GMP

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