LAMINATION
MADE
EASY

MAXIMIZE EFFICENCY

PLASTI 350 EVO

Single side semi-automatic laminator with **automatic overlap** and **automatic separation**. Optional and **modular automatic feeder** can be plugged in front of the machine for a completely automatic solution. Powerful decurling bar will grant perfectly flat lamination even thin sheets and high speed.

Controlled by **MSC interface** for easy set up and high reliability. Advanced software is made to offer unique features like:

- **Self-adjusting** overlap and bursting via paper length setting
- **Productivity control** and lamination material consumption
- **Upgradable software** for up-to-date equipment

Option foiling kit can be retro-fit to the machine.

OPTIONAL AUTO FEEDER

OPTIONAL FOILING KIT

OPTIONAL 3000mt KIT

AUTOMATIC OVERLAP

AUTOMATIC SEPARATION

MSC® Interface

MADE IN ITALY

PROFIT CALCULATION

Calculate exact material consumption and productivity in order to obtain net material cost for each job.
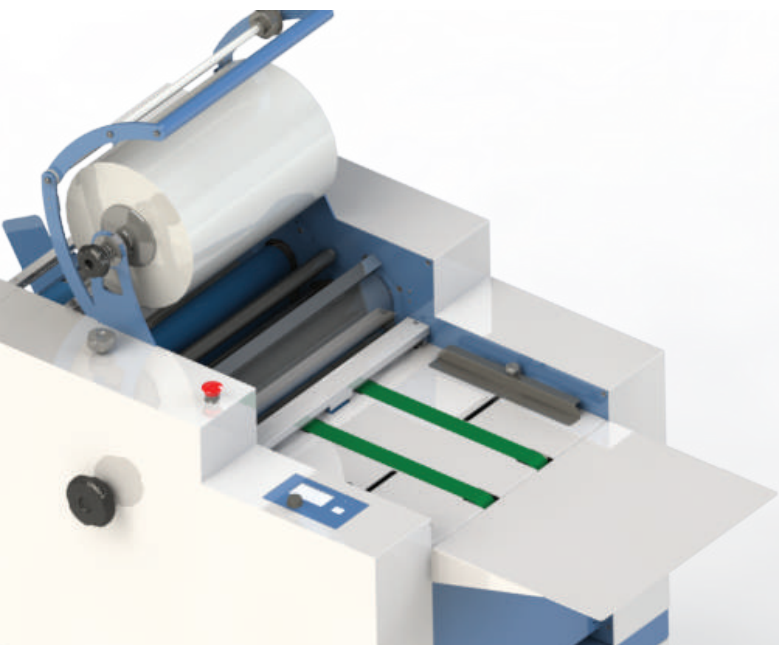
AUTOMATIC OVERLAP

Accurate automatic overlap. Just keep on feeding at green light.

OPTIONAL FOILING

Optional rewinding shaft can be installaled for foiling operations.

INCREASE PRODUCTIVITY

PLASTI 350 PNEU

Single or double side fully automatic laminator with high pile feeder. Automatic separation will be performed either on single and double side OPP laminated sheets thanks the powerfull built in tear-off system. 1000mt BOPP laminating rolls can be installed on top and bottom reel holder in the standard version but **optional 3000mt kit** will turn this machine into a **heavy duty and cost effective laminator**. Thanks to the **pneumatic pressure** integrated in this model, 3000mt Standard Off-set OPP rolls can be used on this machine. **Indipenent adjustable temperature** of the two laminating rollers will preserve the quality of back print in case of single side lamination. All the settings and operations are controlled through a **touch-screen control panel** engineered to make machine's setting fast and easy.
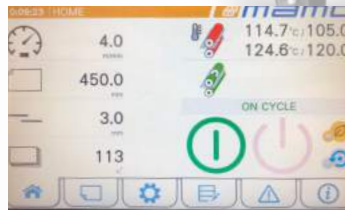
Optionals:
- 3000mt film kit
- Foiling kit

PNEUMATIC

1000 SRA3/hr

DOUBLE SIDE

FULLY AUTOMATIC

3000mt load

TOUCH SCREEN

MADE IN ITALY

INSTANT ADJUSTMENT

High accuracy IR sensor measure instant temperature variation for quick adjustmnet.

TOUCH CONTROL

Full control and super easy control and set up through wide touch screen

3000 mt KIT

Optional 3000mt kit allow you to use bigger and cheaper rolls.

	PLASTI 350 EVO	PLASTI 350 PNEU
Maximum Sheet Width (mm)	350	350
Maximum Lamination Film Width (mm)	340	340
Paper Thickness (gsm)	150-400	150-400
Maximum Speed (mt/min)	7	10
Laminating Roller Pressure	MECHANIC	PNEUMATIC
Single Side Lamination	YES	YES
Encapsulation / Double-Sided Lamination	NO	YES
Automatic Separation (on OPP film only)	YES	YES
Automatic Feeder	OPTIONAL	YES
Foiling Kit	OPTIONAL	OPTIONAL
Control System	MSC Interface	Touch Screen + PLC

FLEXIBILITY ON SHORT RUNS

MSC® Interface

Mamo
Smart
Control
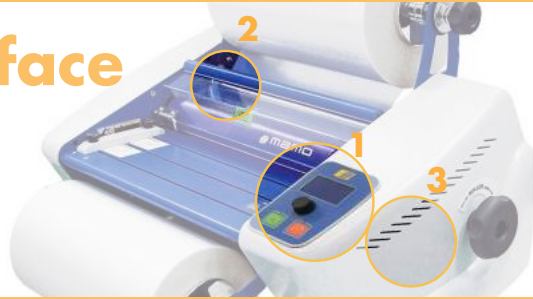
Made in Italy PCB
EU quality components
High reliability
Quick set-up
Productivity control

MADE IN ITALY

Mamo Smart Control Interface integrate made in Italy PCB and European quality components for best possiible reliability

CONTACLESS SENSOR

Grants accurate temperature reading on top laminating roller for precise temperature setting

QUICK SET-UP

22°C
22°C

Grants accurate temperature reading on top laminating roller for precise temperature setting

PROFIT CALCULATION

65mt 15cm
146 sheet [445]
278 sheet/h

Calculate exact material consumption and production quantity in order to obtain net material cost for each job

PLASTI 330

Reel laminator to be used either for **single or double side lamination**. Perfectly flat single side lamination is guaranteed by adjustable anti curling device. **1000mt OPP film** rolls can be installed on the upper support for bigger laminating volume and time saving. Special features are:

• Full **control trough one single knob** with MSC Interface
• **Made in Italy PCB**
• Integrated to **contact-less sensors**, encoders and other European quality components
• **Productivity control** and other advanced settings
• **Indipendent roller's heating** control let you preserve back prints in case of single side lamination.

SINGLE AND DOUBLE SIDE LAMINATION

DECURLING BAR

MSC® Interface

OPTIONAL PERFORATOR

For single side lamination jobs easier separation of overlapped sheets. Quick and clean, save of time on trimming opeartions

CONTROL AT YOUR FINGERTIP

PLASTI 635

Hot and cold reel laminator wider version of PLASTI 330 for a **maximum lamination width of 635mm**. Ideal for double side lamination. It's controlled by **MSC Interface** and temperature is measured by infrared sensor on the surface of **high quality silicon rollers**. Control over productiviy and material consumpations are unique software features offered in this and all other machines in the range.
Optional solid stand

PLASTI 635 - Optional stand

PLASTI 1100

1100 mm wide hot and cold laminator with electric take up unit for cold lamination liner or double side adhesive liner. Maximum feeding thickness up to 8mm for **light panel mounting**. It's equipped with MSC Interface and long lasting EU quality components.

Indipendent temperature control of upper and lower roller for matching exact needs of your job.

Calculate exact material consumption in order to obtain net material cost for each job.

COLD LAMINATION
Equipped with rewinding shaft for cold lamination or double side adhesive liner

PANEL MOUNTING

Ideal for light panel mounting up to a thickness of 8mm

	PLASTI 330	PLASTI 635	PLASTI 1100
Maximum Sheet Width (mm)	360	665	1100
Maximum Lamination Film Width (mm)	330	635	1050
Indipendent Rollers Heating	YES	YES	YES
Maximum Speed (mt/min)	1.6	2	2
Laminating Roller Pressure	MECHANIC	MECHANIC	MECHANIC
Anti Curling Bar for Single Side Lamination	YES	NO	NO
Rewinder for Cold Lamination Liner	NO	NO	YES
Lamination Rollers Diameter (mm)	44	55	74
Speed (mt/min)	0 - 1.6	0 - 1.6	0 - 2
Decurling Bar	YES	NO	NO
Control System	MSC Interface	MSC Interface	MSC Interface

CALA 72H

Electric cold laminator with upper **heated roller up to 60°C** for smoother lamination results. Ideal for standard cold lamination operations but also for double side adhesive tape applications and **mounting on panels up to a thickness of 15mm**. Easy control through MSC Interface

1 Upper roller can be heated up to 60° Celsius. Especially designed for cold lamination film it grants a clear and even result thanks to adhesive heating

2 Electric rewinding shaft with tensioning clutch to ensure a tidy and smooth cold lamination process. Operator just take care of feeding.

3 Handwheel lifts upper roller up to a gap of 15mm for light panel mounting. On opposite direction it activates an adjustable mechanical pressure system that can perfectly match the requiremts of both tender and hard boards.

PANEL MOUNTING

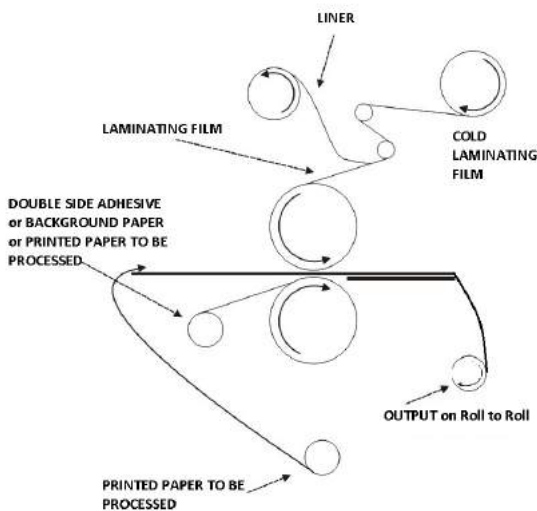15mm max feeding thickness

HAND FREE CONTROL

Foot pedal control for free hand operations

	CALA 72H	CALA 160H
Maximum Sheet Width (mm)	750	1600
Maximum Lamination Film Width (mm)	720	1620
Max mounting Thickness (mm)	15	25
Maximum Speed (mt/min)	2	3
Roll-to-Roll feature	NO	YES
Upper Roller's Heating	60° C	60° C
Lamination Rollers Diameter (mm)	70	120
Control System	MSC Interface	Digital control panel

COLD LAMINATION

1 ROLL -TO-ROLL operations for cold lamination and double side adhesive application as described in the following film direction diagram:

LINER

LAMINATING FILM

COLD LAMINATING FILM

DOUBLE SIDE ADHESIVE or BACKGROUND PAPER or PRINTED PAPER TO BE PROCESSED

OUTPUT on Roll to Roll

PRINTED PAPER TO BE PROCESSED

CALA 160H

160cm laminating width on a very **solid metal structure** which grants stability during lamination or mounting jobs and a **perfect parallelism** between the rollers. Upper roller is heated up to **60° C** in order to grant smooth lamination results thanks to adhesive heating. Simultaneous lamination and double-side adhesive application can be done thanks to the extra reel holder. Easy control through digital control panel and foot pedal.

2 Hand wheel control the mechanic pressure for different kind of job offering fine adjustment with respect to different materials used.

HEADQUARTER

MAMO is the manufacturing brand of Tosingraf srl.

Based in Rosà, one hour drive from Venice in North-east of Italy, Tosingraf is a leader supplier of paper finshing technology and consumables since 1974.

MAMO brand was born in 2010 as result of Tosingraf's experience in postpress processes with a clear focus on digital printers needs.

The range of MAMO machines include solutions for laminating, creasing, folding, binding and die cutting.

Distributed across 50 different countries MAMO is sinonymous with Italian quality design and reliability.

Find out more at www.mamosrl.com