

# ***Fujipla Pluster Single Side Deluxe Laminator PLS3310***

Instruction Manual



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AL-MEISTER®  
**PLS3310**  
PLUSTER®



## AL-MEISTER **PLUSTER**

Single Sided Automatic Laminator  
for Digital Printing On Demand

## NEW WAVE in DIGITAL PRINT ON DEMAND

AL-MEISTER PLS3310 PLUSTER will be a new business opportunity for your printing on demand.

AL-MEISTER PLS3310 PLUSTER is a good solution for the single sided lamination of prints on demand, which has been regarded rather problematic because of such difficulties as insufficient bonding strength of the film and higher running costs. Also, operators need to attend the process, which can sometimes be burdensome. It requires space, as most single sided laminators are huge. PLUSTER will solve all these problems.



### 3 PLS3310 PLUSTER ADVANTAGES

#### 1 Optimized Efficiency

Paper feeding, laminating and separating. All in one go. Automated process will reduce the operators' job, which will save on operating costs. PLUSTER's unique feature is that the film setting information is stored for future reproduction.

#### 2 Excellent Quality

Fujipla's accumulated laminating technology of machines and films has been condensed in this model to realize excellent quality. Not only offset printing but also digital printing on demand can be perfectly laminated with Fujipla's special SAP film.

#### 3 Small and Silent

PLS3310 PLUSTER is the smallest machine with the lowest noise level in the current prevailing single sided laminators. These features enable this machine to be installed in places that have been considered in the past to be unsuitable, such as office spaces or small areas.

### Perfect finish that meets professional demands

Equipped with a two step heating system. Each heating roller is separately temperature adjustable. In this way, flawless lamination can be realized. De-curling is also adjustable according to paper thickness. Thus, after-press processes, such as margin cutting, have become easier without any problems.



two step heating system De-curling

### Flawless and steady operation

Every specific laminating process has been automated. No manual handling needed.

Although the machine was designed to be small, the processing speed is 600 sheets/hour. If you outsourced this job, you would lose a lot of time compared to doing the same job with PLUSTER. PLUSTER is an alternative not only for short runs but also bulk runs.

### Stable air suction paper feed system

The unique air suction paper feed system enables a precise and stable job by preventing incorrect paper feeding such as double feeding.

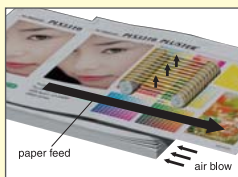
This feeding system is particularly suitable for the sensitive surface of printed papers. It also works well on papers such as coated paper or coated art paper, which have a tendency to induce picking errors.

### Air suction paper feed system

PLS3310 PLUSTER uses the air suction paper feed system, which enables accurate paper feeding. It will not mar either surface of the paper or printing. It is also durable. How the air suction paper feed system of PLS3310 PLUSTER functions: The air blows and lets the uppermost paper separate from the stack of paper.

Air forced feeding roller picks up this paper and at the same time feeds it to the machine.

The amount of air blowing can be adjusted according to the paper features. The low noise mechanism eliminates the noise generated by air suction.



### Time saving features

PLUSTER FILM stores the information for temperature settings, speed settings, and the remaining amount of film. Then PLUSTER remembers the setting information automatically for a particular job in the future for easier operation. The film amount monitoring function also helps the operator's inventory.

The centralized control panel with LCD enables efficient operation by allowing an operator to check every setting and the operational information at a glance. These features will minimize the operators' jobs, and allow maximum yield.



### Progressive trouble shooting mechanism

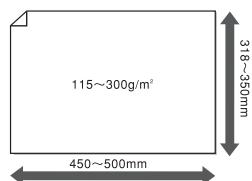
If a problem occurs, it will be displayed on the LCD panel with an alarm. Problems are detected in the early stage and in this way further damage is prevented.

Also, the covers at the feeding section and the lamination section can be opened to solve the problem easily.



### A wide range of applicable papers offers wider applications

PLS3310 can do papers of the weight from 115g/m<sup>2</sup> up to 300g/m<sup>2</sup>, and the size from 318mmx450mm up to 350mmx500mm. A variety of paper finishes can also be workable.



### Applications are wide, possibilities are extensive

Film laminating gives an excellent impression to the print and amplifies the effect of the design. It provides water tightness and durability of the print. Application to book covers and the like will widen the possibilities of your single sided lamination with PLS3310 PLUSTER.



# AL-MEISTER PLS3310 PLUSTER



## EXCLUSIVE ANTI-STATIC FILM for AL-MEISTER PLS3310 PLUSTER

PLS3310 PLUSTER uses the exclusive PLUSTER FILM. Not only perfect matching with offset printing, but also perfect matching with digital printing on demand, in combination with Fujipla SAP laminating film that, has the ideal bonding strength.

PLUSTER FILM 308mm width with fool-proof plastic core	30mic. 600m glossy(SAP*,Anti-Static)
	30mic. 600m matt(SAP*,Anti-Static)

\*Super Adhesive film for digital Print.



## AL-MEISTER PLS3310 PLUSTER SPECIFICATIONS

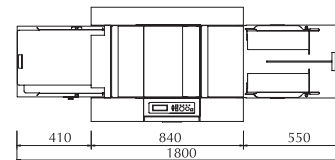
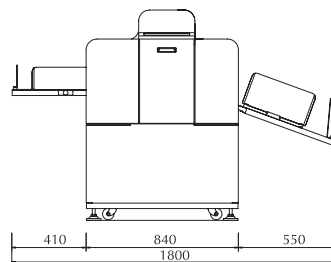
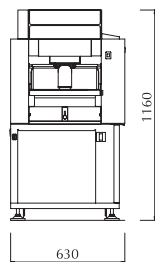
Patent Pending

Model	PLS3310
Processing Speed	1.0-5.0m/min. (*1)
Warm-up Time	Approx. 15-30min. (*2)
Temperature Range	Ambience, 60-130°C
Laminating Film	PLUSTER FILM
Feeder Max. Load	100mm
Paper Thickness	115-300g /m <sup>2</sup>
Max. Paper Size	350mm(W) × 500mm(L)
Min. Paper Size	318mm(W) × 450mm(L)
Power Consumption	1.0kw 6A
Power Source	AC220-240V
Net Weight	151.6kg
Attachments	User Guide, Feeder Tray, Stacker, Power Cord

\*1 The optimum speed depends on characteristics of paper and film.

\*2 Warm-up time depends on the set temperature and/or the room temperature.

## AL-MEISTER PLS3310 PLUSTER DIMENSIONS (unit:mm) \*Laminator+Feeder Tray+Stacker



### Safety Precautions

\*Please read instruction manual thoroughly before operation to avoid danger to yourself and failure in the lamination process.

\*Should any of the following symptoms occur, unplug the machine and contact your Fujipla dealer.

- The power cord or plug gets unusually hot.
- A strange smell or smoke comes out of the machine.
- Water or a foreign substance gets inside the machine

\*Warning and caution labels are omitted on the photos in this catalogue.

\*Specifications or appearance of the product may change for improvement reasons without notice.

\*Parts for maintenance service are available for a minimum of 5 years after cessation of the manufacture of product.

### Contact:

ID Card System, Laminating Machine & Film



TOKYO, JAPAN



<http://www.fujipla-japan.com>

The description in the catalogue is the one as of May 2008.