



In-Line & Off-Line Laminator

LAMIMASTER- IDH series

34 | In-Line Embossing & Laminating, Sleeking Solution

34 HSIN | High speed in-Line Laminating, Sleeking Solution

34 DELTA | High Speed Double Laminating, Sleeking Solution

60 | In-Line Embossing & Laminating, Sleeking Solution



Perfect In-Line & Off-Line Finishing System for Publishing in POD Market

In-Line & Off-Line Laminator

- Roll to roll lamination
- Double decurling system (decurling bar & water decurling-option)
- Photo quality embossing effect
- Stable & high quality laminating with induction heating roller
- Gmp new digital finishing solution of "sleeking®" (optional)
- Integrated with digital press or with un/rewinder



IN-LINE & OFF-LINE LAMINATOR



In-Line & Off-Line Laminating System

As a high-productivity laminating system providing innovative versatile solutions, Lamimaster that is the core point of the world-first Silver Halide Replacement technology can be in-line connected to the most of the digital printers, and also to smart cutters by which photos can be completed up in a single-pass way. In addition, off-line system including separate unwinders & rewinders is also applicable.

Features

- **Induction Heating Roller System**

This above keeps the heating temperature while lamination and makes high thermal efficiency. This makes perfect lamination. As you may know, if the heating temperature is fluctuated by films, the glue on the films couldn't be melt down enough and this could be a cause of trouble of quality on laminated results. This roller system keeps temperature in good and uniformized state for the next finishing process.

- **Photo Quality Embossing Effect**

The laminator has Embossing Roller with Induction Heating System, then this satisfies the customer's needs with photo quality effect and increases the product level higher.

- **Double Decurling System**

Single side lamination always requires "How to remove the curling on laminated results". The In-Line Laminator has the 2 systems for Decurling with "Decurling Bar" and "Water Coating Device (option)". So, it realizes removal of the curling on the both of MD (Machine Direction) and TD (Transverse Direction) of the laminated results.

- **Digital Sleeking System (SLK Model)**

The laminator has "Sleeking (Fusing) system. "Sleeking" is the GMP newly developed finishing solution to increase products value higher with various effects of "gloss, matt, hologram & metallic" easily by GMP Advanced finishing technologies.

Specifications

Model Name	LAMIMASTER – IDH 34	LAMIMASTER – IDH 34 HSIN	LAMIMASTER – IDH 34 DELTA	LAMIMASTER – IDH 60
Dimension (W*L*H, mm)	1092x2690x1726mm	1092x2690x1726mm	1092x2690x1726mm	1343x2690x1726mm
Max. Laminating Speed	30m/min	60m/min	60m/min	30m/min
Laminating Width	200~340mm	200~340mm	200~340mm	200~600mm
Laminating Films	Single Side: POLYNEX, PERFEX, NYLONEX FILM Sleeking: Gloss, Matt, Hologram, Metallic Foil	Single Side: POLYNEX, PERFEX, NYLONEX FILM Sleeking: Gloss, Matt, Hologram, Metallic Foil	Single Side: POLYNEX, PERFEX, NYLONEX FILM Sleeking: Gloss, Matt, Hologram, Metallic Foil Double Side: POLYNEX PERFEX, NYLONEX FILM	Single Side: POLYNEX, PERFEX, NYLONEX FILM Sleeking: Gloss, Matt, Hologram, Metallic Foil
Lami Roller Deameter	T: 160 / B: 150mm	T: 260 / B: 200mm	T: 260 / B: 260mm	T: 215 / B: 200mm
Embo Roller Deameter	T: 215 / B: 200mm	T: 215 / B: 200mm	T: 260 / B: 260mm	–
Power Requirement	380–400V 3–phase 50/60Hz			
Power Consumption	20kw	20kw	25kw	20kw
Warm-up Time	10min	10min	10min	10min
Heating System	Induction heating system			
laminating Temp.	Max, 150°C	Max, 150°C	Max, 150°C	Max, 150°C
Temp. Control	Touch Panel	Touch Panel	Touch Panel	Touch Panel
Speed Control	Touch Panel	Touch Panel	Touch Panel	Touch Panel
Display for Temp. & Speed	Touch Panel	Touch Panel	Touch Panel	Touch Panel
Pressure Control	Pneumatic Cylinder	Pneumatic Cylinder	Pneumatic Cylinder	Pneumatic Cylinder
Film Core	Air Shaft (3")	Air Shaft (3")	Air Shaft (3")	Air Shaft (3")

※ GMP reserves the right to change specifications without prior notice.