

# Lamimaster 34 HSIN

## HIGH-VOLUME DIGITAL PHOTO PRODUCTION

The GMP Lamimaster 34 HSIN is a roll-to-roll thermal laminating system specifically designed for high-volume digital photo production through silver halide replacement (SHR™). Using its embossing roller, it gives digital photo web a distinctive lustre that emulates the look and feel of conventional silver halide photos without the use of harmful chemicals or expensive photo paper. The embossing roller can be engaged or disengaged as needed to accommodate photos with a gloss or lustre finish. This unit can be installed in-line with a web-fed press or be used off-line to accommodate the output of two presses.

The Lamimaster 34 HSIN comes with a rewinder unit and can also be combined with an unwinder to create a streamlined, off-line laminating system. An included de-curling device helps ensure photos lie flat after they are laminated and cut, and each side of the unit's nip rollers can be manually adjusted to help prevent wrinkles in film. To protect operators from injury, this fully enclosed unit includes several safety stops and automatically pauses lamination when its doors are opened. This system accepts web up to 34 millimeters wide and is ideal for producing digitally printed portrait photos, photo books and albums, calendars, cards, and more. Its high-speed induction (HSIN) heating roller ensures the laminator is ready to operate within 10 minutes after startup.



max web width  
340 W mm



up to 60 m  
per minute

## FEATURES

- Single- or double-sided lamination
- Roll-to-roll laminator with web guide
- HSIN heating roller for maximum efficiency
- Embossing roller replicates silver halide lustre for digital photos
- Chill roller quickly sets embossing pattern
- Adjustable pressure for each side of the nip rollers
- Air shaft mandrel for quick film changeover
- De-curling device helps photos lie flat
- Rewinder unit with button-operated roll lift and adjustable roll size
- User-friendly touchscreen controls
- Sensors alert operators when film or paper runs low
- Multiple safety stops and automatic shutoff when doors are opened
- In-line or off-line lamination with web-fed presses
- Spare parts kit included with system

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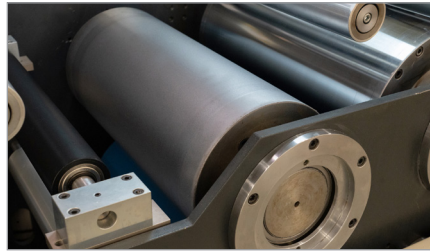
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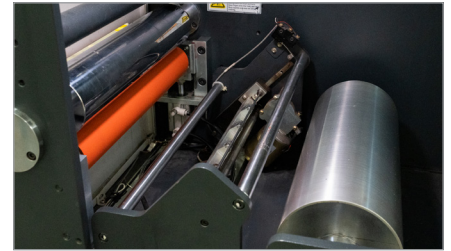
### ROLL-FED LAMINATION

Maximise throughput for digitally printed photos.



### SHR EMBOSSING ROLLER

Perfectly replicate a silver halide lustre on digital photos.



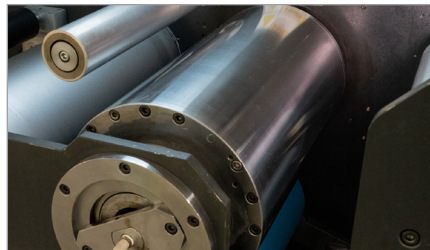
### DE-CURLING DEVICE

De-curl the web to ensure photos lie flat after lamination.



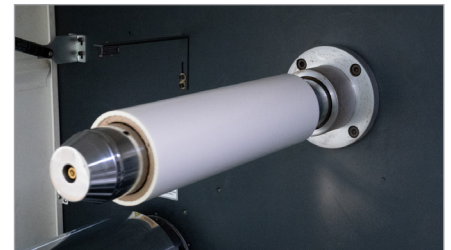
### REWINDER ROLL LIFT

Safely unload finished rolls with the push of a button.



### INDUCTION HEATING ROLLER

Chrome roller is ready for operation in 10 minutes.



### LOW ROLL DETECTION

Sensor alerts operators when paper or film roll runs low.

## OPTIONAL FEATURES

- Unwinder Unit

## MANDATORY

- Chiller Unit for Embossing and Cooling (not included)

## COMMON APPLICATIONS

- Calendars
- Cards
- Digitally Printed Photographs
- Photo Albums
- Photo Books

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Description	Lamimaster 34 HSIN
Laminating Speed	No emboss: 60 m/min Emboss: 40 m/min
Maximum Sheet Size	340 mm
Minimum Sheet Size	200 mm
Paper Weight Range	120 - 350 g/m <sup>2</sup>
Sheet Thickness	100 - 350 mic
Type of Laminating Film	OPP, PET, Nylon
Thickness of Laminating Film	20 - 45 mic
Film Core Size	76 mm
Maximum Film Roll Diameter	350 mm
Machine Dimensions	2,690 L x 1,092 W x 1,726 H mm
Rewinder Film Roll Diameter	1,200 mm
Minimum Wall Clearance (for servicing unit)	1,220 mm
Machine Weight	1,940 kg
Warm-Up Time	10 minutes
Power Requirements	3 phase, 400VAC, 31 amps
Power Consumption	20 kW
Air Supply Requirements (air dryer recommended)	90 - 135 psi clean, dry air; 14 CFM
Air Compressor Capacity (low duty cycle) *	70 CFM

\* Smaller, high duty cycle compressors may be applicable. Speak with Nobelus technical support for guidance.



**NOTE:** All equipment specifications are provided by the manufacturer, are believed to be true and accurate, and are not intended to violate any statutory condition or right of a third party. Because many variables (laminate type, run time, paper weight, etc.) can affect the performance of this unit, these general specifications may not be reflected consistently in your production environment. The above data is purely for the reader's consideration, investigation, and verification. Nobelus® shall under no circumstances be liable for any incidental, punitive, or consequential damages.