

Lamimaster-IDH 56 Pair Duplex UHS

HIGH-EFFICIENCY PHOTO PRODUCTION

The GMP Lamimaster IDH-56 Pair Duplex UHS is a thermal laminating system designed for high-volume roll-to-roll digital photo production through silver halide replacement (SHR™). Its embossing roller gives digital photo web an attractive silver halide lustre that replicates the look and feel of conventional photos without the use of costly photo paper or harmful chemicals. To accommodate both a gloss and lustre finish, the embossing roller can be engaged or disengaged as needed. This machine laminates both sides of the web in a single pass.

The Lamimaster IDH-56 Pair Duplex UHS comes with a rewinder and an unwinder to support streamlined, off-line lamination. To facilitate paper roll changeovers, the rewinder and unwinder units include a splicing table and a button-activated film roll lift. Operators can clean and maintain rollers and other parts of the laminating system easily with the unit's accessible top panel and a walk-in side hatch. Sensors alert operators if the film or paper web runs low, and the unit automatically pauses if a break in the web is detected. This system accepts web up to 560 millimeters wide and is ideal for producing digitally printed portrait photos, photo books and albums, calendars, cards, and more. Its induction heating (IDH) roller ensures the laminator is ready to operate within 10 minutes after startup.



up to 150 m
per minute



max web width
560 W mm



FEATURES

- Double-sided lamination
- Roll-to-roll laminator with web guide
- IDH technology for excellent heating efficiency
- Embossing roller replicates silver halide lustre for digital photos
- Barcode reader automatically swaps between gloss and emboss
- Chill roller quickly sets embossing pattern
- Digital air regulators for nip and emboss stations
- Air shaft mandrel for quick film changeover
- Unwinder and rewinder with roll lift, adjustable roll size, and splicing table
- Large, user-friendly touchscreen controls
- Sensors alert operators when film or paper runs low
- Auto-stop activates if film runs out or the film or paper breaks
- Multiple safety stops and automatic shutoff when doors are opened
- Top and side access for easy setup, cleaning, and maintenance

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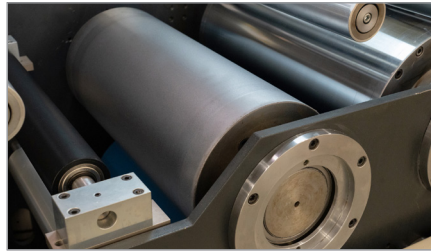
Lamimaster-IDH 56 Pair Duplex UHS

HIGH-EFFICIENCY PHOTO PRODUCTION



ROLL-FED LAMINATION

Maximise throughput for digitally printed photos.



SHR EMBOSSING ROLLER

Perfectly replicate a silver halide lustre on digital photos.



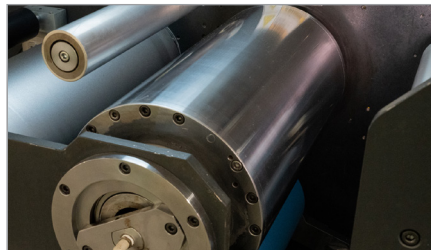
LARGE TOUCHSCREEN

Adjust settings with accessible, intuitive controls.



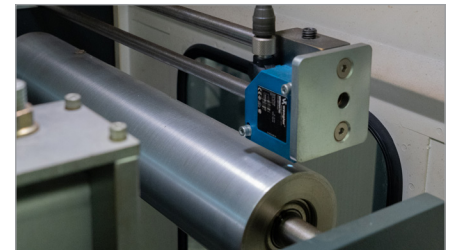
UNWINDER & REWINDER ROLL LIFT

Safely load and unload rolls with the push of a button.



INDUCTION HEATING ROLLER

Chrome roller is ready for operation in 10 minutes.



BARCODE READER

Seamlessly swap between gloss and emboss finish.

OPTIONAL FEATURES

- Off-Line Photo Slitter
- Anti-Static Bars

MANDATORY

- 2 Chiller Units for Embossing and Cooling (not included)

COMMON APPLICATIONS

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

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| Description | Lamimaster IDH-56 Pair Duplex UHS |
|--|--|
| Laminating Speed | No emboss: 150 m/min Emboss: 80 m/min |
| Maximum Sheet Size | 560 mm |
| Minimum Sheet Size | 250 mm |
| Paper Weight Range | 120 - 350 g/m ² |
| Sheet Thickness | 180 - 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 | 450 mm |
| Machine Dimensions (includes unwinder and rewinder) | 12,500 L x 2000 W x 2000 H mm |
| Rewinder Film Roll Diameter | 1,400 mm |
| Minimum Wall Clearance (for servicing unit) | 1,220 mm |
| Machine Weight | Lamimaster 56: 10,850 kg Unwinder: 1,450 kg Rewinder: 1,450 kg |
| Warm-Up Time | 10 minutes |
| Power Requirements | 3 Phase 400VAC, 240 amps |
| Power Consumption | 165 kW |
| Air Supply Requirements (air dryer recommended) | 90 - 135 psi clean, dry air; 18 CFM |
| Air Compressor Capacity (low duty cycle)* | 90 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.