

Podmaster-IDH 54 Quatro

DUAL-SIDED PRODUCTION LAMINATING SYSTEM

The GMP Podmaster-IDH 54 Quatro is a thermal laminating system designed for medium- to high-volume lamination of single- or double-sided prints. This laminator includes an embossing roller that replicates the look and feel of silver halide photos on digital photos using silver halide replacement (SHR™). It can laminate both the front and back of sheets in a single pass to protect menus, cards, digital photographs, and more. It can also be used to create specialty photo paper in-house.

The Podmaster-IDH 54 Quatro has a deep-pile feeder that accepts large stacks of sheets for automated lamination, and its touchscreen controls provide a user-friendly interface so operators can easily see the unit's current settings and status. The included induction heating (IDH) roller heats up quickly and cools down with high efficiency. This system utilises bursting separation, making it most compatible with polypropylene (OPP) laminates.



up to 30 m
per minute



max sheet size
540 W x 780 L mm



FEATURES

- Single- and double-sided lamination
- Automatic deep-pile feeder
- IDH roller heats up and cools down with high efficiency
- Embossing roller replicates the look and feel of silver halide photos
- Air shaft film mandrels
- User-friendly touchscreen controls
- Burst separation
- External chiller
- Sleeking® module for foil embellishments
- Compatible with BOPP, PET, cellulose, and nylon laminates*

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INTUITIVE CONTROL PANEL

Control centre touchscreen is accessible and user friendly.



EFFICIENT BURST SEPARATION

Built-in perforating unit easily separates BOPP and cellulose laminates, as well as PET and nylon films.*



INTEGRATED SLEEKING® MODULE

Expand digital print sales with spot and metallic foil finishing.

OPTIONAL FEATURES

- Automatic Pallet Stacker
- Automatic Trimmer/Sheeter

MANDATORY

- Chiller Unit for Embossing and Cooling (not included)

COMMON APPLICATIONS

- Brochures
- Business Cards
- Digital Photographs
- Identification Cards
- Menus
- Post Cards and Direct Mail
- Soft Book Covers
- Stationery and Greeting Cards

* Metallised PET, PET over 25 mic thick, and nylon films can be run on this unit with the use of an automatic trimmer/sheeter.

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DUAL-SIDED PRODUCTION LAMINATING SYSTEM

| Description | Podmaster-IDH 54 Quatro Top Feeder, Burst Separation |
|--|---|
| Laminating Speed | No emboss: 30 m/min Emboss: 12 m/min |
| Maximum Sheet Size | 540 x 780 mm |
| Minimum Sheet Size | 250 x 270 mm |
| Paper Weight Range | 120 - 350 g/m ² |
| Sheet Thickness | 100 - 350 mic |
| Maximum Pile Height for Feeder | 400 mm |
| Maximum Load for Feeding Table | 200 kg |
| Type of Laminating Film | Bursting: OPP, Nylon, Cellulose, and PET under 25 mic With Optional Trimmer: Metallised PET, and PET up to 250 mic |
| Thickness of Laminating Film | Bursting: 20 - 45 mic With Optional Trimmer: up to 250 mic |
| Film Core Size | 76 mm |
| Maximum Film Roll Diameter | 350 mm |
| Machine Dimensions | 2,075 L x 914 W x 1,310 H mm |
| OPTIONAL Automatic Pallet Stacker Dimensions | 970 L x 1,200 W x 1,000 H mm |
| Minimum Wall Clearance (for servicing unit) | 1,220 mm |
| Machine Weight | 1,310 kg |
| Warm-Up Time | 10 minutes |
| Power Requirements | 3 phase, 380 - 400VAC, 31 amps |
| Power Consumption | 20 kW |
| Air Supply Requirements (air dryer recommended) | 90 - 135 psi clean, dry air; 7 CFM |
| Air Compressor Capacity (low duty cycle) [†] | 35 CFM |

[†] Smaller, high duty cycle compressors may be applicable. Speak with Nobelus technical support for guidance.



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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.