Podmaster-IDH 54 Dual

SINGLE-SIDED LAMINATOR FOR DIGITAL PHOTOGRAPHS

The Podmaster-IDH 54 Dual from GMP is a production-volume thermal laminating system ideal for a variety of single-sided applications. With its built-in embossing roller, this unit is able to perform silver halide replacement (SHR™), giving digital photographs a lustre that perfectly emulates the look, weight, and feel of conventional silver halide prints. To support efficiency and maximise productivity, this laminator features a deep-pile top feed head that accepts large stacks of sheets and processes each one automatically so operators can focus on other tasks as needed.

The Podmaster-IDH Dual includes capacitive touchscreen controls with a digital monitor that shows operators the unit's current status and settings. This laminator utilises bursting separation, making it most compatible with polypropylene (OPP) laminates, and has a built-in Sleeking® module for on-demand digital foiling embellishments. Its induction heating (IDH) roller heats up quickly and cools down with high efficiency.

up to 30 m
per minute

max sheet size
540 W x 780 L mm

FEATURES

- Single-sided lamination designed for digital output
- 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

- User-friendly touchscreen controls
- Bursting separation
- Compatible with BOPP, cellulose, nylon and thin PET laminates
- Sleeking module for foil embellishments

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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, cellulose, nylon, and thin PET laminates.

INTEGRATED SLEEKING® MODULE

Expand digital print sales with spot and metallic foil finishing.

OPTIONAL FEATURES

• Automatic Pallet Stacker

MANDATORY

• Chiller Unit for Embossing and Cooling (not included)

COMMON APPLICATIONS

• Brochures
• Business Cards
• Digital Photographs

• Post Cards and Direct Mail
• Soft Book Covers
• Stationery and Greeting Cards

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SINGLE-SIDED LAMINATOR FOR DIGITAL PHOTOGRAPHS

Description	PODMASTER-IDH 54 DUAL 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	OPP, Nylon, Cellulose, PET under 25 mic
Thickness of Laminating Film	20 - 45 mic (PET must be under 25 mic)
Film Core Size	76 mm
Maximum Film Roll Diameter	350 mm
Machine Dimensions (includes fixed delivery desk)	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	780 kg
Warm-Up Time	10 minutes
Power Requirements	3 phase, 380 - 400VAC, 17 amps
Power Consumption	12 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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