Digital Printing(POP), On-Demand Automatic
Single Side Roll Laminator

GMP

PROTOPIC PLUS-520 Series

Single Side Laminator Built-In Pneumatic Controlled Feed Gate
Automatic Feeding, High Pressured Laminating, Automatic Bursting System
Laminating Speed : 15m/min
MAX. Paper Size : (W) 520mm x (L) 720mm

▷ PROTOPIC PLUS-520
▷ PROTOPIC PLUS-520 F50

Index
• F50= Flying Knife 50

※GMP Thermalami Patented

▶Scratch-Free Matt Film

▶Embossing Textured Laminating Film

◀Laminator installed with Embossing Roller

◀Heat Pressing & Embossing for Thermalami

POLYNEX Film

• Environmental-Friendly "Thermalami" System that needs no adhesive
• Laminating of the highest grade giving perfect adhesion with all kinds of printed material
• Pneumatically controlled feed gate and Bursting System
• Compact Design saves for valuable office space
• Available High Speed & Long Time Working with Heavy-Duty Structure
• Built-In Slide Tray support Paper Stacking in High Speed Lamination
• Easy to load the Film with both sides opened film shaft
• Easy To Exchange Rollers(Approx. 20min. Only!!)

PROTOPIC PLUS-520 Series

GMP GMP CO., LTD.

PROTOPIC PLUS-520 Series

PROTOPIC PLUS-520 Series provides elegant embossing results during running.
It's good for lamination service shop, small & medium print shop, photo shop, advertising material manufacturer.
It makes various laminations of picture, book cover, post card, pamphlet, etc.

Features

· Easy to work at high speed on account of the Slide Tray loading papers
· Easy to load a film Film on account of the Shaft opened one-side
· Perfect Laminating ; designed with more bigger diameter(100mm) of laminating roller and with high pressure(500kg) by air cylinder
· More Efficient Cooling ; Built-in powerful cooling system(Cooling Tube) which can get cooled itself on the surface of film
· Equipped Adjustment Device For Precise Tension of Film Equipped Decurling Device To Control Easier
· Equipped paper cutting device with air cylinder bursting type. / Perforating Wheel To Use Easier
· Available to work at office on account of built-in air compressor designed lightweight & low sound
· Count on superior motor component ball bearings to all driving parts
· Simple maintenance ; fixed panel with electronic parts by sliding type
· Distinguished Durability ; breakdown free due to high speed and/or long hours
· Count on driving circuit and motor with strong torque
· Precise Temperature Control ; Equipped infrared sensors with non contact type
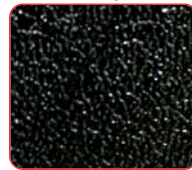
Type of embossing patterns

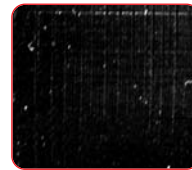▶ Various types of embossing offer high quality and capacity on demand

· Linen Texture   · Fine Texture   · Leather   · Sparkler   · Silky Texture   · Hair Line

Thermalami Film

• GMP POLYNEX (OPP Base Thermalami Film)

POLYNEX Thermal Gloss - 20	ECONOMIC Gloss Film
POLYNEX Thermal Gloss - 25	Gloss Film
POLYNEX Thermal Matt - 22	ECONOMIC Matt Film
POLYNEX Thermal Matt - 28	Matt Film
POLYNEX Thermal Gloss Emboright - 40	Embossing & High gloss Film
POLYNEX Thermal Matt Antiscuff - 31	Scuff-free matt Film
POLYNEX Thermal Gloss Digital Supermelt - 40	Digital Print Supermelt Gloss Film
POLYNEX Thermal Matt Digital Supermelt - 43	Digital Print Supermelt Matt Film
POLYNEX Thermal Hologram - 40	Hologram Film
POLYNEX Thermal Silver Gloss - 40	Silver Color film for Embossing Laminating

• GMP PERFEX (OPP Base Thermalami Film)

PERFEX Gloss - 25	Gloss Film
PERFEX Gloss - 38	High gloss & Deep Image Film
PERFEX Matt - 32	Matt Film
PERFEX Matt - 38	Deep image Matt film
PERFEX Sliver - 25	High gloss Silver Film

* PERFEX Film for Sliver, Gold & UV printing

• GMP NYLONEX (Nylon Base Thermalami Film)

NYLONEX Gloss - 27	Curl & Scratch Free Gloss Film
NYLONEX Matt - 31	Curl & Scratch Free Matt Film
NYLONEX Gloss Digital Supermelt - 40	Curl & Scratch Free Gloss Film for Digital Print
NYLONEX Matt Digital Supermelt - 44	Curl & Scratch Free Matt Film for Digital Print

Specifications

Model Name	PROTOPIC PLUS-520 Series		
Max. Laminating Speed	15m /min	Max. Laminating Temperature	140 ℃ MAX.
Max. Laminating Width	520mm	Temperature Control	Jog Dial
Laminating Film	OPP, PET, NYLON	Speed Control	Volume
Thickness of Substrate(Paper)	120~350g/㎡	Temperature & Speed	LCD Panel
Power Requirements	AC 220V, 60Hz	Pressure Control	Pneumatic Cylinder
Power Consumption	2300W / 10.5A	Film Core	77Dual
Warm up Time	10min	Laminator Dimensions	860(W)x1585(L)x595(H)mm
Heating System	Hot Roller Internal Infrared Heater	Weight	240kg

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

GMP CO., LTD.