



Laminating for Off-Set Print with High-Speed

PIONEER II-8000BC

Laminating Speed : 70m/min (636*939 : 4400sheet/hr)
 Feeding & Bursting Speed : 7,500Sheet/hrs
 MAX. Paper Size : 800(W)*1100(L)mm
 MAX. speed, MIN. length : 560mm

※GMP Thermalami Patented

▶ Scratch-Free Matt Film

▶ Embossing Textured Laminating Film

Laminator installed with Embossing Roller

Heat Pressing & Embossing for Thermalami



Induction Heating Roller Installed for Precise Temperature Control



POLYNEX Film



Automatic Stacking Table

- Environmental-Friendly "Thermalami" System that no needs adhesive.
- This laminating is where the chroma of a coupler is superior without any bubble.
- Suitable for Mass Production of Offset & Digital Printing with Laminating Speed 50m/min
- With full GMP Technology, the most compact machine in the world - needs little space to install.
- All electronic functions are controlled by a Simens PLC, Servo motor and Driver
- Suitable for Manufacturing of small batches with various classes

PIONEER II-8000BC

www.gmp.com



KOSDAQ Registered Corporation(NO. 018290)





PIONEERII-8000BC

Single side Laminator with a Laminating speed of 70m/min,
Automatic feeding, Nicking, Slitting, Rewinder
Automatic Burster, Jogging Table(Optional), Embossing rollers (Option)

Automatic Stacking Table

- A Stacking and palletized accessory for perfect alignment of finished output eliminates the need for hand jogging and pallet loading



- * Model : Automatic Stacking Table
- * Out-put Height : 750mm
- * Paper Size(MAX) : 800x1,100mm
- * Dimensions(WxLxH) : 1,420 x 1,250 x 1,230mm
- * Power Requirements : AC 220V, 60Hz

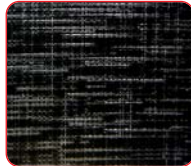


Type of embossing patterns

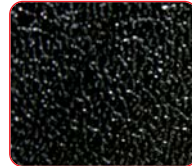
- ▶ Various types of embossing offer high quality and capacity on demand



• Linen Texture



• Fine Texture



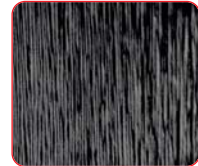
• Leather



• 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 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

- 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



Specifications

Model Name		PIONEERII-8000BC	
Laminator Dimensions	1540(W)*3100(L)*1517(H)mm	Heating System	Induction Heating System
Max. Laminating Speed	70m/min (636*939 : 4400sheet/hr)	Max. Laminating Temperature	140 °C MAX.
Max. Feeding Speed	7500 sheet/hr	Temperature Control	PID Control
Max. Speed, Min. Length	560mm	Operating System	Siemens PLC (Programmable Logic Controller)
Max. Sheet Format	800(W)*1100(L)mm	Main Driving	Siemens 2.5kw Servo Motor with Servo Driver
Min. Sheet Format	210(W)*250(L)mm	Feeder Driving	Siemens 0.4kw Servo Motor with Servo Driver
Laminating Film	POLYNEX, NYLONEX, PERFEX, MICRONEX	Nip Pressure	Pneumatic Cylinder
Thickness of Substrate(Paper)	120~400g/㎡	Film Core	Air Shaft (3")
Feeder Loading Height	750mm	Cooling System	Air cooling with Blower
Power Requirements	AC 380~400V, 3N, 50/60Hz	Feeding	GMP Syncro Stream Feeder
Power Consumption	23 kw	Cutting	Bursting with nicking knife & perforator
Warm up Time	15min	Weight	1675kg

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