

Laminating for Digital printing
On-demand bookbinding & Off-Set Print



PIONEER-7000 Series

Laminating Speed : 50m/min
Feeding & Bursting Speed : 6,000Sheet/hrs
MAX. Paper Size : 700(W)*1100(L)mm

▷PIONEER-7000 G30N/WH
▷PIONEER-7000 G30N
▷PIONEER-7000 G30R15

※GMP Thermalami Patented

▶ Scratch-Free Matt Film

▶ Embossing Textured Laminating Film

Laminator installed with Embossing Roller

Heat Pressing & Embossing for Thermalami

Index
•G30= GMP Stream Feeder 30 •WH= Water Heating
•N= Nicking Knife •R15= Rotary Knife 15



POLYNEX Film

Electric Induction Heating Roller System
Precise Temperature Control ($\pm 1^{\circ}\text{C}$)
Speedy Heating-Up
Long Life



JOGGING Table

- Able to supply the most suitable laminating solution for all kinds of digital printing system.
- Environmental-Friendly "Thermalami" System that no needs adhesive.
- Suitable for massive operation (Laminating Speed : Max. 50m/min)
- Full automatic laminating system (Feeding, Laminating, Cutting)
- Small and Medium volume work available by jogging table
- Full automatic stacker available (Option)
- Best Reliable & Durable by PLC and servo control system

PIONEER-7000 Series

www.gmp.com



KOSDAQ Registered Corporation(NO. 018290)





PIONEER-7000 Series

Single side Laminator with a Laminating speed of 50m/min,
Automatic feeding, Nicking, Slitting, Rewinder
Automatic Burster, Jogging Table(Optional), Embossing rollers (Option)

Jogging Table-Option

- Automatically Jogs the finished output for easy pallet loading



- * Model : Jogging Table-1200
- * Out-put Height : 130mm
- * Paper Size(MAX) : 800x1200mm
- * Dimensions(WxLxH) : 870 x 1290 x590mm
- * Power Requirements : AC 220V, 60Hz

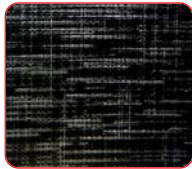


Type of embossing patterns

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



• Linen Texture



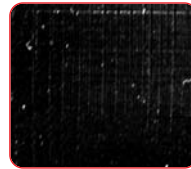
• Fine Texture



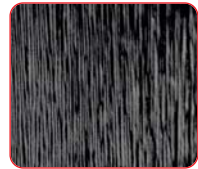
• Leather



• 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 Pure Gloss - 20	Pure Gloss Film
POLYNEX Thermal Matt - 22	ECONOMIC Matt Film
POLYNEX Thermal Matt - 28	Matt Film
POLYNEX Thermal Pure Matt - 22	Pure 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	PIONEER-7000 Series		
Laminator Dimensions	1,640(W)*4,000(L)*1,490(H)mm	Max. Laminating Temperature	140℃
Max. Laminating Speed	50m/min	Temperature Control	PID Control
Max. Feeding Speed	6,000 sheet/hr	Operating System	PLC (Programmable Logic Controller)
Max. Sheet Format	700(W)*1100(L)mm	Main Motor	Servo Motor(1.5kw) with Servo Driver
Min. Sheet Format	210(W)*250(L)mm	Feeder Motor	Servo Motor (0.4kw) with Servo Driver
Laminating Film	POLYNEX, NYLONEX, PERFEX	Nip Pressure	Pneumatic Cylinder
Thickness of Substrate(Paper)	120~400g/ m ²	Film Core	Air Shaft (3")
Feeder Loading Height	650mm	Cooling System	Air cooling with Blower
Power Requirements	AC 380~400V, 3N, 50/60Hz	Feeding	GMP Syncro Stream Feeder
Power Consumption	28 kw	Cutting	Burst Cutting with Nicking Knife and Perforator
Warm up Time	15min	Weight	1,500kg
Heating System	Induction Heating System		

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