



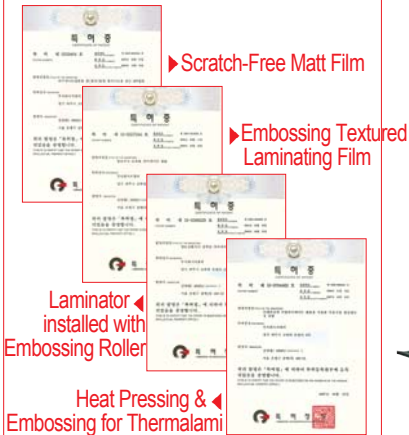
# Laminating for Off-Set Print with High-Speed

## PIONEER II-8000 Series

Laminating Speed : 70m/min  
Feeding & Bursting Speed : 7,500 Sheet/hrs  
MAX. Paper Size : 800(W)\*1100(L)mm

▷ PIONEER II-8000 G30N/WH  
▷ PIONEER II-8000 G30N  
▷ PIONEER II-8000 G30R20  
▷ PIONEER II-8000 G30R20F80U  
▷ PIONEER II-8000 H74R20  
▷ PIONEER II-8000 H74R20F80U

### ※ GMP Thermalami Patented



Index  
• G30= GMP Stream Feeder 30 • WH= Water Heating  
• N= Nicking Knife • R20= Rotary Knife 20  
• F80U= Flying Knife 80Unit • H74= Heidelberg Feeder 74



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



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 Siemens PLC, Servo motor and Driver
- Suitable for Manufacturing of small batches with various classes

**PIONEER II-8000B Series**

www.gmp.com



KOSDAQ Registered Corporation( NO. 018290)

**GMP GMP CO., LTD.**



# PIONEERII-8000 Series

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



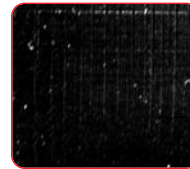
• Fine Texture



• 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 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                    |                                    | PIONEERII-8000 Series       |                                                 |
|-------------------------------|------------------------------------|-----------------------------|-------------------------------------------------|
| Laminator Dimensions          | 1,540(W)*3,100(L)*1,517(H)mm       | Max. Laminating Temperature | 140 °C                                          |
| Max. Laminating Speed         | 70m/min                            | Temperature Control         | PID Control                                     |
| Max. Feeding Speed            | 7,500 sheet/hr                     | 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/ m <sup>2</sup>           | 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                     | Burst Cutting with Nicking Knife and Perforator |
| Warm up Time                  | 15min                              | Weight                      | 1,675kg                                         |
| Heating System                | Induction Heating System           |                             |                                                 |

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